



浙江大学  
ZHEJIANG UNIVERSITY

# 浙江大学 学术论文竞争力分析 海洋学院



浙江大学图书馆  
浙江大学信息资源分析与应用研究中心  
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## 前言

### ● 研究内容

本报告以公开发表的 SCI 论文数据为基础,对全球海洋工程与技术领域研究前沿及热点趋势进行发掘和分析;将浙江大学与海洋工程与技术领域的一流大学进行研究规模、研究影响力和研究质量的横向比较,并纵向分析全球学科发展的态势和走向;梳理浙江大学海洋工程与技术领域的国际合作布局。通过多方位、多视角的全景分析,以期为浙江大学海洋工程与技术领域的发展提供参考,为交叉学科规划和人才梯队建设等提供参考。

基于定量分析的方法,本报告勾勒出海洋学科基础研究的宏观轮廓和特征,并进行浙大 SCI 论文的国际竞争力分析。研究方法除了考虑常用的科研生产力、科研影响力之外,还吸收了各主流排行榜和学科评估中常用的一些科研成果评价指标,如反映科研创新力和科研发展力、科研国际化程度的高被引论文占有率及学科平均百分位、国际合作论文等,做到多个维度的阐述和揭示。

由于本报告撰写团队并非专业研究人员,在指标的选取、数据的处理以及研究方法方面还有很多不足,结果分析也仅代表团队观点,仅供相关部门和领导参考。

### ● 研究方法说明

#### (1) 数据来源及分析工具

**Web of Science(简称 WOS):** WOS 数据库收录 12000 多种国际学术期刊,分到 252 个学科分类,其中 SCI 占 176 个学科类别,它擅长基础学科领域的文献收录。有利于进行基础科学领域评价,对工程领域期刊覆盖为 77%。

**InCites:** 基于 Web of Science 数据的科研评估工具,集合了 WOS 核心合集七大索引数据库 30 多年的数据,拥有多元化的指标,可实现从宏观的国家、机构、领域分析到微观的每篇论文、每个科研人员的绩效评估。

**ESI (基本科学指标数据库):** 收集 10773 种 SCI 和 SSCI 期刊,共分为 22 个学科大类,每两个月会依据机构论文的总被引次数统计 TOP1% 的上榜机构。

**Scopus:** 全球最大的文摘与引文数据库,目前收录 24000 多种国际学术期刊。

与 SCI 相比, Scopus 收录了更多的非英语国家期刊(含近 600 种中文核心期刊), 学科门类齐全、划分细致(共 334 个学科分类), 尤其对工程学科期刊的收录具有独特优势。Scopus 数据库当前服务于泰晤士国际大学排名, QS 国际大学/学科排名, USNews 阿拉伯国家排名, 上海交通大学最好大学排名。

Scival: 以 Scopus 为数据来源, 在统计不同学科之间的互引量、交叉学科的内部联系等方面较具优势; 擅长以跨学科的角度揭示科研绩效产出, 是与 ESI 完全不同的基于更加接近真实的科学学科结构(500 多个具体的科研方向)的研究体系。

## (2) 数据选择与获取

采集来自 Web of Science、Incites 分析平台的数据, 并选取 Review、Article 两种文献类型。

论文出版年区间: 2011-2016。

国内对比机构: 中科院, 清华大学, 上海交通大学, 大连理工大学, 哈尔滨工业大学, 哈尔滨工程大学, 北京航空航天大学, 中国科技大学, 湖南大学, 天津大学。

国外对比机构: NERC (National Oceanography Centre), Southampton, University of California System, Norwegian University of Science & Technology, Florida State University System, University System of Georgia, University of Plymouth, National University of Singapore, University of Denmark。

## (3) 检索过程

根据海洋工程领域的专业词典进行检索式制定, 锁定该领域研究论文集。在论文集中进一步筛选国内外对比机构的相关指标数据, 同时将论文集数据导入 Scival 中获取更详细的机构数据。

检索式:

TS=((ocean\* OR sea OR subsea OR sea\*coast\* OR sea\*board OR borehole OR marine\* OR sub\*marine\* OR coast\* OR shore OR beach OR Under\*water OR "Under water" OR "Under the water" OR "deep sea" OR Deep\*sea\* or "Deep ocean" or Deep\*ocean\* OR "Under SEA" OR "Under the SEA" OR under\*sea OR under-sea OR sub\*marine OR submerge OR submersible OR sub-marine OR sub\*sea OR sub-sea OR sea\*bed OR sea\*floor OR Sea-floor OR Ocean\*floor OR offshore

OR off\*shore OR near-shore) NEAR (acoustic OR monitor\* OR observa\* OR commun\* OR navigat\* OR Sensor\* OR material\* OR sonar OR Technolog\* OR equipment\* OR vessel\* OR ship\* OR Engin\* OR Vehicle\* OR Detect\* OR Survey\* OR Explor\* OR oil OR gas OR Energy OR glider\*))

#2 TS= “Autonomous underwater vehicle\*” OR “remotely operated vehicle\*” OR “drilling platform\*” OR (multi-core NEAR3 sampler\*) OR (non-riser NEAR3 drilling) OR “ocean bottom seismograph” OR (submarine NEAR3 pipeline) OR (piston NEAR3 corer\*) OR “Monterey Accelerated Research System” OR submersible OR (sediment NEAR3 corer) OR “non-riser drilling” OR “gravity corer” OR “fixed platform”

WC= (ENGINEERING,MARINE OR ENGINEERING, OCEAN) OR #1 OR #2

说明：数据库选择 SCI-EXPANDED，出版年为 2011-2016 年，文献类型为 Article OR Review，并在 Incites 中以 GIPP 的 Engineering & Technology 学科为限定。

#### (4) 指标体系

指标选取除了“论文数”、“总被引次数”、“篇均被引次数”等常见计量指标外，还引入一些重要的论文质量类指标，如：ESI 高被引论文、高被引文献前 1% 论文、高被引文献前 10% 论文、学科规范化的影响力、平均百分位等，分别从绝对计量和相对世界平均的相对计量两个角度揭示科研绩效情况。

指标体系由 5 项一级指标，18 项二级指标构成。详见下表：

一级指标	二级指标
论文整体水平	论文总数
	总被引次数
	h 指数
论文影响力 平均水平	平均百分位
	学科规范化的引文影响力(CNCI)
	篇均被引
	被引论文百分比

一级指标	二级指标
高影响力 论文	被引 TOP1% 论文占比
	被引 TOP1% 论文数量
	被引 TOP10% 论文占比
	被引 TOP10% 论文数量
	ESI 高被引论文占比
	ESI 高被引论文数量
论文结构	国际合作论文占比
	国际合作论文数量
期刊影响力	期刊影响因子
	期刊 5 年影响因子
	期刊特征因子

## ● 特别说明

### 数据检索时间

WOS 和 InCites 数据库检索时间截止为 2016 年 7 月。

### 时滞说明

由于 InCites 数据库中数据与 WOS 数据库有两个多月的时差，故 InCites 所获得 WOS 论文数据无论在论文总数还是论文被引次数上都有少许偏差。本报告中所有的检索获得数据（除特别注明的以外），均采用 InCites 数据库中得到的数据。

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**数据分析：**赵惠芳、吴白洁、陈振英

**报告执笔人：**吴白洁、陈振英

## 相关指标解读

- **总被引次数：**指统计期限内发表的全部论文至检索当日的被引用次数之和。该指标是测度科研机构论文总体影响力的重要指标之一。
- **引文影响力：**即篇均被引，一组文献的引文影响力的计算是通过使用该组文献的引文总数除以总文献数量得到的。引文影响力展现了该组文献中某一篇文章获得的平均引用次数。
- **学科规范化的引文影响力（CNCI）：**该指标能够表征一组论文在学科层面上的相对影响力水平，即该组论文在每个学科中发表论文的实际被引频次与全球该学科同年同类型论文的平均被引频次的比值的均值。常用以衡量科研质量。一般以 1.00 为分界线，大于 1.00 表示科研产出影响力高于平均水平，小于 1.00 则低于平均水平。
- **平均百分位：**指该篇或该组论文在全球该学科当年发表的论文中按被引频次排名的百分位数。该指标的量纲为百分数，数值等于 1 表示该组论文在全球各学科领域中平均排名在全球前 1%，该数值等于 90 表示该组论文的被引次数较低，平均来说位于全球各学科领域的前 90%。与 CNCI 相比，百分位数指标有更进一步的优点：它考虑引文的偏态分布情况，避免使用数学平均值算法，受到引文分布中极端值的影响要小的多（比如学者的被引论文的往往非正态分布，极端值表现为单篇被引过多或过少的情况）。所以这两指标以及高被引论文百分比的结合使用往往用于更多的绩效评估当中，美国 NSF、西班牙机构报告、荷兰莱顿大学排名都采用了这三个指标。
- **论文被引百分比：**论文被引百分比指标是一组出版物中至少被引用过一次的论文占总论文数的百分比。这个指标揭示了某科研领域其他科研工作者引用本机构科研成果的程度。另一种阐释这个指标的角度是，可以得到相应的没有得到过引用的论文的百分比。请注意，论文被引百分比指标将根据分析中包含的时间段和文献类型而发生变化。论文被引百分比不是一个规范化的指标。例如，如果分析中包含当年或近年发表的论文，其中的某些文献可能没有足够长的时间来积累引文。

- **h 指数：**特定检索对象的 h 指数是指其在一定期间内发表的论文至少有 h 篇的被引频次不低于 h 次。用于定量评价科研人员或科研机构的学术成果，它鼓励大量发表有影响力的成果而非影响力较低的工作，同时与引文影响力不同的是，单纯一篇高被引论文并不能影响 h 指数的数值。h 指数最大的优点是兼顾了数量和质量，与篇均被引次数相比，它可以规避一些极端现象。

- **ESI 高被引论文：**指入选 ESI 高被引论文（按领域和出版年统计的引文数排名前 1%）的论文数。可用于评价高水平科研，并且能够展示某一机构论文产出在全球最具影响力的论文中的百分比情况。

*ESI 分类是一种较为宽泛的学科分类模式，由自然科学与社会科学的 22 个学科构成，每本期刊只被划分至 22 个学科中的一个，没有重叠的学科设置。*

- **被引次数排名前 1% 的论文百分比：**指在某一指定学科领域、某一年、某种文献类型下，被引频次排名前 1% 的文献数除以该组文献全部论文数的值，以百分数的形式展现。通常，该指标数值越大，表明该组文献表现越好。
- **被引次数排名前 10% 的论文百分比：**指在某一指定学科领域、某一年、某种文献类型下，被引频次排名前 10% 的文献数除以该组文献全部论文数的值，以百分数的形式展现。通常，该指标数值越大，表明该组文献表现越好。

*被引次数排名前 1% 论文同被引次数排名前 10% 论文这两个指标互相补充，提供了更为宽泛的优秀科研（10%）与杰出科研（1%）的全景图。*

*相对 ESI 高被引论文指标，这两个指标具有年限更灵活（并非特定的 ESI 十年统计窗口），学科领域更细分的特点（该两个指标来自 WOS 分类下的数据，WOS 分类模式通过将每本期刊划分至一个或多个学科而构建，这里指 JCR 数据库的 176 个 SCI 学科类别，56 个 SSCI 学科类别），便于更细致领域内界定本学科的高影响力论文。不同分类原则下的被引数据统计存在一定的差异，因此 ESI 高被引论文和被引次数排名前 1% 的论文并不一定相同。*

- **国际合作论文：**指由 2 个或者 2 个以上国家（地区）的作者共同参与合作发表的论文。国际合作论文百分比即指学者或机构发表的国际合作论文数占全部论文数的百分比。
- **影响因子（IF）：**是评价 SCI 期刊影响力的重要指标之一，影响因子计算方式为 SCI 期刊在前两年发表的论文在该年的总被引次数除以该期刊在前两年



发表的论文总数。影响因子是一种重要的学术评价指标，一般来说，影响因子值越高，SCI 期刊的学术影响力和学术水平越高，常用于评价同一研究领域不同 SCI 期刊的相对影响力。

- **五年影响因子：**5 年影响因子的计算方式为 SCI 期刊在前五年发表的论文在该年的总被引次数除以该期刊在前五年发表的论文总数。5 年影响因子的统计方法与 IF 相似，只是将时间跨度从两年延长至五年，反映了 SCI 期刊的长期被引情况和平均水准。
- **特征因子 (Eigenfactor Scores)：**特征因子是 2007 年由美国科学家卡尔·伯格斯特龙提出的一种全新的期刊引文评价指标。与 IF 不同，Eigenfactor Scores 的基本假设是：该期刊如果多次被高学术影响力的期刊引用，则该期刊的学术影响力越高。特征因子不仅考察了引文的数量，而且考虑了施引期刊的学术影响力，更好地体现了顶级期刊的学术水平。特征因子是对期刊整体影响力的度量，该指标使用完整 JCR 数据库的引文期刊数据，通过把学术文献看成期刊与期刊之间关系的网络，借助引文链接，构建剔除期刊自引的 5 年期引文矩阵，以类似于 PageRank 的算法迭代计算出期刊的权重影响值。

## 1 全球海洋工程与技术领域研究现状及发展态势

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数据来源：2011-2016 年 8 月 SCI 收录的海洋工程与技术领域论文。

本部分内容共分为全球研究总体概况与发展态势、全球研究论文 WOS 学科布局分析、全球研究核心期刊分布和机构分布 4 个部分进行分析，多维度阐释了全球海洋工程与技术领域的研究现状及发展趋势。

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论文作为基础研究成果的主要形式，其数量大体反映了基础研究的产出体量。在文献计量研究中，论文数量常用于测度和表征科研活动的规模；而论文发表之后得到的引文数量可以从一定程度上反映出论文受同行关注的程度，是测度学术成果影响力的基本指标。本部分内容，便是基于论文数量和引文数量及其延伸出来的各项指标，尽可能描绘出全球范围内海洋工程技术近年来的发展趋势和现状，梳理高影响力国家、机构以及期刊等，以期挖掘出具有针对性的信息和建议。

### 1.1 全球研究总体概况

2011-2015 年的 SCI 论文数据来看：全球海洋工程领域每年的发文量稳定，而总发文数呈现逐年上升的趋势；学科规范化的引文影响力低于 1，在 0.8-0.9 的小范围之间波动，说明该领域的发表文章的质量略低于全球平均水平；平均百分位数值的变化呈现逐年增长的趋势，说明该指标有所下滑；同样下滑的指标还有被引排名前 1% 和 10% 的论文比；此外，ESI 高被引论文的百分比呈现先减后增的趋势，说明近 3 年的高被引论文数有所增加（表 1-1）。

由于 WOS 和 Incites 平台的时滞性，2016 年只有半年的数据，其他部分数据未能计算入各指标中，因此这里统计的 2016 年数据应比实际指标数偏低，仅供参考。

表 1-1 全球海洋工程领域 SCI 论文总体概况（2011-2016）

年份	WOS 论文数	学科规范化的引文影响力 <sup>1</sup>	被引次数	篇均被引	论文被引百分比(%)	平均百分位 <sup>2</sup>	被引次数排名前1%的论文百分比(%)	被引次数排名前10%的论文百分比(%)	ESI 高被引论文百分比(%)
2011	3226	0.9	28621	8.87	79.79	52.64	1.27	10.88	0.77
2012	3635	0.9	23625	6.5	77.77	53.18	1.1	11.17	0.58
2013	4104	0.89	18966	4.62	76.27	55.08	0.93	9.94	0.46
2014	4453	0.9	12333	2.77	64.36	58.57	1.03	10.6	0.7
2015	5173	0.84	4156	0.8	35.55	73.5	0.66	8.08	0.73
2016	1885	0.88	192	0.1	7.64	92.95	0.58	5.15	0.05
2011-2016	22476	0.88	87893	3.91	59.53	62.53	0.93	9.57	0.6

如图 1-1 所示,2011-2016 年全球海洋工程的领域归一化被引次数排名前 25% 的论文百分比达到 21.88%, 排名前 10% 的论文百分比达到 9.57%, 排名前 1% 的论文百分比则是 0.93%。而该领域的被引论文百分比达到了 59.53%, 国际合作论文占比 23.53%, 被 Q1 期刊收录的文章则达到了 43.56% (图 1-2)。总体而言, 全球论文被学者参考引用的比例不是很高, 但 Q1 期刊论文的占比接近 50%、被引次数前 1% 和 10% 的论文比不算低, 海洋工程领域还是有较多高质量的文章。

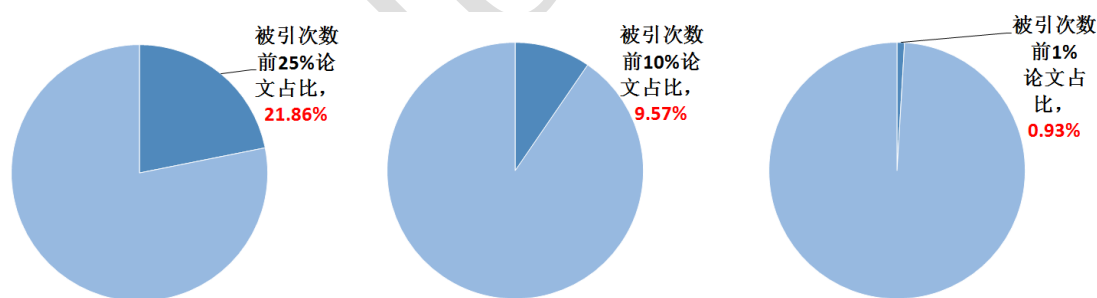


图 1-1 TOP1%、10%、25% 论文组成分析 (2011-2016)

<sup>1</sup>某组论文在某个学科中发表论文的实际被引频次与全球该学科同年同类型论文的平均被引频次的比值的均值, 可衡量该组论文在学科层面上的相对影响力。一般以 1.00 为分界线, 大于 1.00 表示科研产出影响力高于平均水平, 小于 1.00 则低于平均水平。

<sup>2</sup>某篇或某组论文在全球某个学科领域当年发表的论文中被引用次数的排名, 用百分位数表示。在 1-100 之间, 数值越低, 则表示排名越靠前。

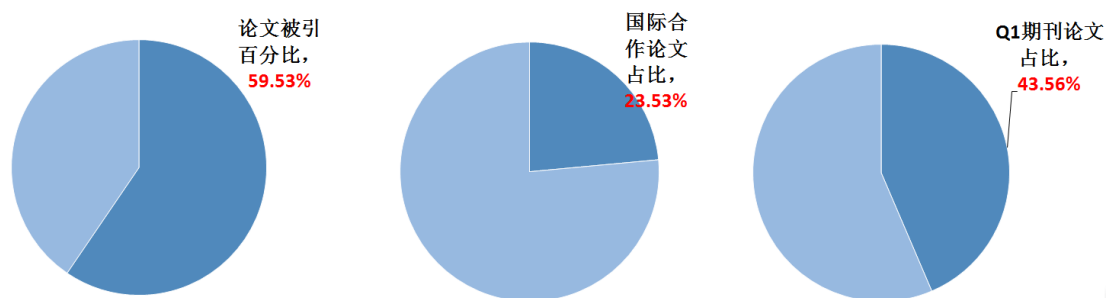


图 1-2 被引、国际合作、Q1 期刊论文组成分析 (2011-2016)

## 1.2 全球研究发展态势

如图 1-3 所示，全球海洋工程与技术领域论文质量在两个时间段，即 2011-2013 和 2014-2016 两个时段的学科规范化引文影响力、高被引论文百分比指标基本不变，分别在 0.9 和 0.6 左右，其中高被引论文百分比在 2014-2016 年有小幅提升；平均百分位、被引次数前 10% 的论文占比这两项指标，在 2014-2016 年的时间段较 2011-2013 年有所下降；这些结果与 2011-2016 年的变化趋势较一致。

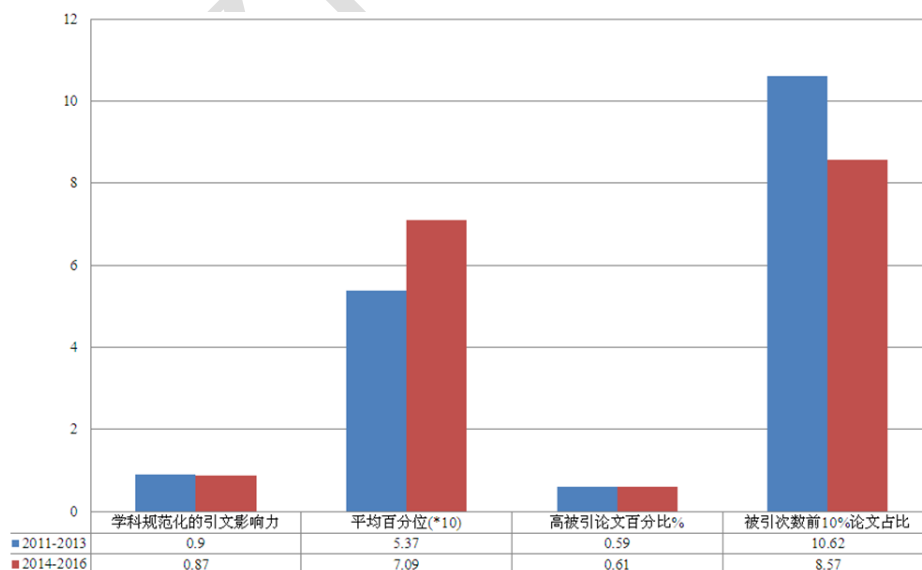


图 1-3 WOS 论文质量三年滚动综合对比 (2011-2016)

从论文的增涨趋势来看，2011-2015 年的论文数量总体呈现平稳增长的态势。

如图 1-4 所示，每年增幅都在 8% 以上，除 2014 年的涨势稍有回落之外，其余年份的文章数量都处于稳步增涨的趋势。可见全球海洋工程领域的科研热度并没有消退，每年都有更多的科研产出，这与目前世界范围内对海洋领域的高度关注相一致。由于 2016 年的论文数据还不够完整，因此暂不在图中列出。

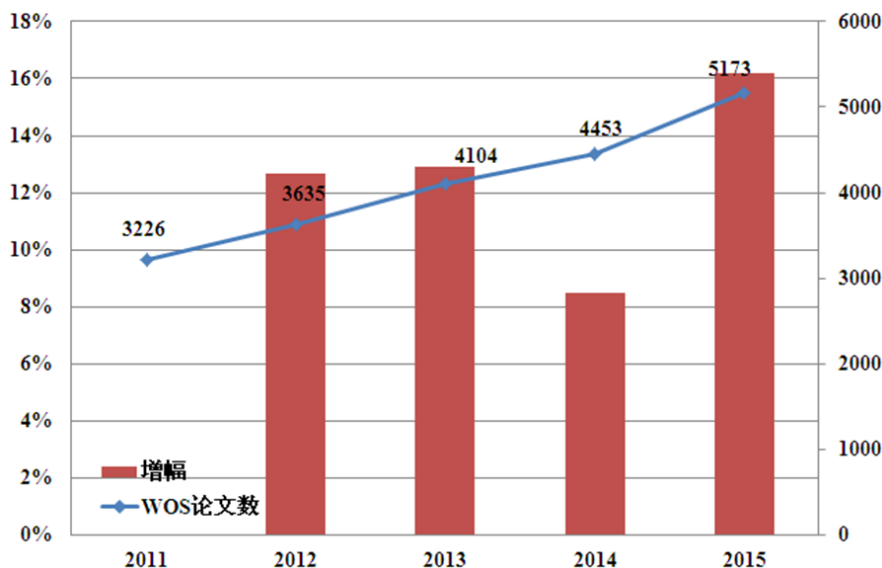


图 1-4 海洋工程领域发文增涨态势图 (2011-2015)

### 1.3 基于 WOS 分类的学科布局分析

海洋工程与技术领域属于交叉学科，涉及许多相关的 WOS 学科。取 2011-2013 时间段按照各 WOS 学科领域发文“总被引频次”降序排序后，选择被引频次排名前 15 的学科，做学科领域分布气泡图 (图 1-5)。该气泡图中，横坐标为学科领域发文量所占百分比，纵坐标为学科规范化的引文影响力，气泡大小则代表该学科的 WOS 论文数 (气泡越大说明发文量越多)。

选取发文量占比 (即该学科的论文占海洋工程领域所有论文的百分比) 10% 为界限，可以看出海洋工程、土木工程、海事工程、海洋学这 4 个学科构成了海洋工程领域的支撑学科。这 4 个学科的学科规范化引文影响力均小于 1，结合表 1-1 的现象描述，推测或许与其学科的特点有关。除以上 4 个基础支撑学科外，还有很多交叉学科出现，如物理化学、纳米科技、环境工程、环境科学、材料、能源等。交叉学科比较集中发文的主要有能源、环境、遥感，以及相关的应用工

程类学科，其发文章量也都远远超过其他几个学科（化学、应用物理等），可见全球海洋工程领域与环境工程、能源技术、水下遥感等方向结合的更加紧密。

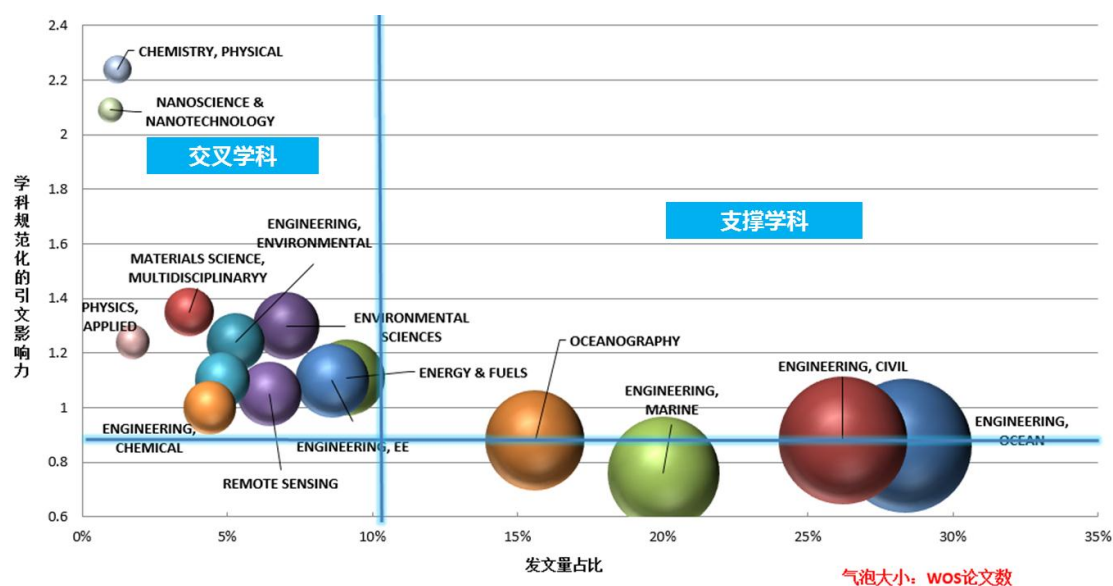


图 1-5 海洋工程 WOS 学科领域分布（2011-2013）

取 2014-2016 时间段按照各 WOS 学科领域发文“总被引频次”降序排序后，选择被引频次排名前 15 的学科，做学科领域分布气泡图（图 1-6）。以发文章占比 10%为界限，共有 5 个学科构成了海洋工程领域的支撑学科，分别为：海洋工程、土木工程、海事工程、海洋学、能源。除能源学科外，其余 4 个学科的学科规范化引文影响力与 2011-2013 年这个时间段的结果相似，均小于 1。2011-2013 年阶段，能源学科作为交叉学科发文章量最高，已经凸显其优势，而在后续的 3 年内，在世界环境能源紧缺的态势下，海洋能源领域的研究得到了较好的开拓和发展，因此可认为海洋能源是近几年海洋工程领域顺应全球趋势新发展的大方向。除基础的支撑学科外，还有很多交叉学科，如：物理化学、纳米科技、多学科化学、图像与摄影技术、遥感、材料等，与 2011-2013 年的分析结果没有太大差异。

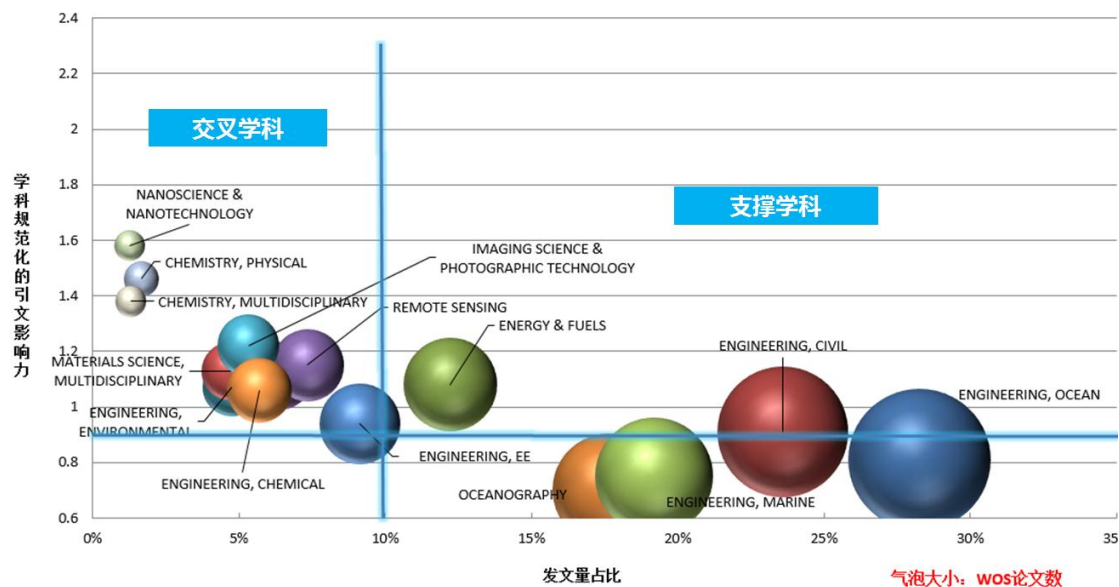


图 1-6 海洋工程 WOS 学科领域分布 (2014-2016)

总体而言,在 2011-2013 和 2014-2016 两个时间段内,海洋工程领域的 WOS 学科构成并没有很大的差异。就基础学科而言,能源学科在后期的加入,可能在一定程度上揭示了近几年海洋工程领域科研发展的新方向。

#### 1.4 全球核心期刊分布情况

全球海洋工程与技术领域主要发文期刊的各项指标取自 2015 年 JCR 最新数据。表 1-2 按照 2011-2013 年 WOS 论文数降序排列,根据期刊的实际情况取发文排名前 15 的种类。

由表 1-2 可知,全球海洋工程领域 2011-2013 发文数量排名前三的期刊分别是:《OCEAN ENGINEERING》、《JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY》和《COASTAL ENGINEERING》,其中《OCEAN ENGINEERING》的论文数量遥遥领先,可见海洋工程、海气交互、海岸带工程等方向是 2011-2013 年占据主导地位的研究领域,其中涉及海岸带工程的期刊共 3 种,总发文量为 631 篇,由于海岸带与人类生活息息相关,因此该领域可能值得进一步关注。影响因子最高的期刊则是发文量为 126 篇的《REMOTE SENSING OF ENVIRONMENT》,影响因子为 5.88;其次是《ENVIRONMENTAL SCIENCE & TECHNOLOGY》,发文量 185 篇,期刊影响因子为 5.39。

表 1-2 海洋工程领域主要发文期刊分布 (2011-2013)

排名	期刊名称	WOS 论文数	期刊规 范化的 引文影 响力	5 年 影响 因子	不含自 引的期 刊影响 因子	期刊 影响 因子	特征 因子 <sup>3</sup>
1	OCEAN ENGINEERING	722	1	1.77	1.15	1.49	0.01
2	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	474	1	2.22	1.94	2.16	0.01
3	COASTAL ENGINEERING	300	1	2.83	2.24	2.84	0.01
4	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	280	1.03	1.74	1.12	1.57	0.03
5	SEA TECHNOLOGY	267	1	0.08	0.05	0.05	0
6	NAVAL ARCHITECT	261	1	/	/	/	/
7	APPLIED OCEAN RESEARCH	188	1	1.59	1.21	1.38	0
8	IEEE JOURNAL OF OCEANIC ENGINEERING	187	1	1.62	1.36	1.65	0
9	ENVIRONMENTAL SCIENCE & TECHNOLOGY	185	1.03	6.4	4.56	5.39	0.2
10	CHINA OCEAN ENGINEERING	181	1	0.47	0.31	0.44	0
11	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	174	1	0.81	0.61	0.71	0
12	MARINE TECHNOLOGY SOCIETY JOURNAL	171	1	0.74	0.47	0.59	0
13	JOURNAL OF NAVIGATION	164	1	1.2	0.96	1.27	0
14	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	132	0.99	0.45	0.32	0.34	0
15	REMOTE SENSING OF ENVIRONMENT	126	0.76	7.39	4.95	5.88	0.04

表 1-3 按照 2014-2016 年 WOS 论文数降序排列, 根据期刊的实际情况取发文排名前 15 的种类。与 2011-2013 年相比, 2014-2016 年的主要发文期刊分布变化不大: 发文数量排名前三的期刊依旧是《OCEAN ENGINEERING》、《JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY》以及《COASTAL

<sup>3</sup>特征因子是对期刊整体影响力的度量, 排除了自引, 不仅考察了引文的数量, 而且考虑了施引期刊的学术影响力, 认为某一期刊如果多次被高学术影响力的期刊引用, 则该期刊的学术影响力越高, 更好地体现了顶级期刊的学术水平。



ENGINEERING》; 影响因子最高的期刊还是涉及遥感的《REMOTE SENSING OF ENVIRONMENT》, 排名有所靠前。

表 1-3 海洋工程领域主要发文期刊分布 (2014-2016)

排名	期刊名称	WOS 论文数	期刊规范化的引文影响力	5 年影响因子	不含自引的期刊影响因子	期刊影响因子	特征因子
1	OCEAN ENGINEERING	1019	0.98	1.77	1.15	1.49	0.01
2	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	374	1	2.22	1.94	2.16	0.01
3	COASTAL ENGINEERING	294	1	2.83	2.24	2.84	0.01
4	SEA TECHNOLOGY	247	0.82	0.08	0.05	0.05	0
5	APPLIED OCEAN RESEARCH	247	0.79	1.59	1.21	1.38	0
6	IEEE JOURNAL OF OCEANIC ENGINEERING	184	1	1.62	1.36	1.65	0
7	JOURNAL OF NAVIGATION	178	0.78	1.2	0.96	1.27	0
8	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	174	0.89	0.71	0.46	0.72	0
9	RENEWABLE ENERGY	167	1.15	4.07	2.95	3.4	0.04
10	CHINA OCEAN ENGINEERING	164	0.85	0.47	0.31	0.44	0
11	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	159	0.88	0.81	0.61	0.71	0
12	REMOTE SENSING OF ENVIRONMENT	157	0.65	7.39	4.95	5.88	0.04
13	ENVIRONMENTAL SCIENCE & TECHNOLOGY	155	0.94	6.4	4.56	5.39	0.2
14	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	146	0.67	1.74	1.12	1.57	0.03
15	MARINE GEORESOURCES & GEOTECHNOLOGY	140	1	0.7	0.74	0.76	0

## 1.5 全球研究机构布局

表 1-4 的机构信息来源于全球范围内 2011-2016 年 SCI 论文被引频次居前 20

的机构，而其他相关的指标信息则是该 20 所机构在 2014-2016 年（近三年）的相关数据。表格按照机构发文的被引频次降序排列，可以看出中科院居于榜首，不论是论文数还是被引频次都位居第一，虽然在学科规范化的引文影响力上表现不突出，但是平均百分位的数值最低，由此可见中国在全球海洋工程领域的科研贡献不容忽视；论文篇均被引最高的机构是发文量世界前 5 的美国国家航空宇航局，为 8.87 次，该机构学科规范化的引文影响力也较高为 1.6，表明美国的科研机构占据很大的优势，是该领域内引领科研发展的中坚力量。

表 1-4 全球海洋工程领域论文被引前 20 机构（2011-2016）

排名	机构名称	论文数	篇均被引	学科规范化的引文影响力	被引频次	平均百分位
1	Chinese Academy of Sciences	575	7.03	1.27	4044	63.65
2	University of California System	414	8.23	1.54	3409	74.15
3	Centre National de la Recherche Scientifique (CNRS)	376	6.93	1.27	2605	75
4	National Oceanic Atmospheric Admin (NOAA) - USA	385	5.5	1.32	2116	74.81
5	National Aeronautics & Space Administration (NASA)	223	8.87	1.6	1979	77.58
6	United States Department of Defense	408	4.75	0.92	1936	66.67
7	United States Department of Energy (DOE)	230	7.87	1.43	1811	75.22
8	Norwegian University of Science & Technology	425	3.87	0.98	1645	67.76
9	Florida State University System	271	5.28	1.14	1430	71.96
10	University System of Georgia	116	12.07	1.74	1400	75.86
11	Technical University of Denmark	201	6.38	1.32	1283	75.62
12	Georgia Institute of Technology	98	12.26	1.81	1201	76.53
13	Universidade de Lisboa	263	4.52	1.48	1189	69.2
14	United States Navy	335	3.48	0.71	1165	64.48
15	Woods Hole Oceanographic Institution	146	7.87	1.36	1149	72.6
16	Delft University of	175	6.55	1.48	1146	69.71

排名	机构名称	论文数	篇均被引	学科规范化的引文影响力	被引频次	平均百分位
17	Technology Instituto Superior Tecnico	242	4.58	1.48	1109	69.42
18	National University of Singapore	179	5.87	1.81	1050	73.74
19	Institut de Recherche pour le Developpement (IRD)	110	9.52	1.61	1047	85.45
20	University of Western Australia	214	4.88	1.33	1044	75.23

如表 1-5 所示, 机构来源取自全球范围内 2014-2016 年 SCI 论文被引频次居前 20 机构, 其他的相关指标则分别获取自这 20 所机构在 2011-2013 年及 2014-2016 年两个时段的相关数据。

在 2011-2013 年前 3 年的时间段内, 论文被引频次居前 10 的机构与 6 年内 (2011-2016 年) 的数据有 9 所重合; 2014-2016 年时间段, 论文被引频次居前 10 的机构则与 6 年内的数据有 8 所重合, 可见两个时间段的排名略有一些差异; 2014-2016 年中, University of Plymouth 及 Technical University of Denmark 两所机构论文的被引频次分别居第 5 及第 7, 而在 2011-2016 年的时间段内 University of Plymouth 在论文被引频次排名 26, Technical University of Denmark 排名 11, 可以看出这两所机构在论文引用方面的排名上升较快。此外, 中国的科研机构除了一直领先的中科院之外, 还有近 3 年进入前 20 的上海交通大学和清华大学, 可见中国在海洋工程领域的科研力量正在不断崛起。

表 1-5 海洋工程领域主要发文机构前 20 (2011-2016)

早 3 年 排名	近 3 年 排名	机构名称	发表论文数		被引频次		篇均被引		学科规范化 的引文影响 力		平均百分位		国际合作论 文	
			2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016
1	1	Chinese Academy of Sciences	223	352	3140	904	14.08	2.57	1.46	1.15	44.19	65.6	65	85
2	2	University of California System	243	171	2965	444	12.2	2.6	1.53	1.55	42.62	58.47	90	66
6	3	National Aeronautics & Space Administration (NASA)	112	111	1597	382	14.26	3.44	1.52	1.68	35.93	48.81	37	38
3	4	Centre National de la Recherche Scientifique (CNRS)	205	171	2226	379	10.86	2.22	1.38	1.15	40.11	61.67	114	99
61	5	University of Plymouth	45	69	497	373	11.04	5.41	1.76	2.75	29.94	36.17	29	52
4	6	National Oceanic Atmospheric Admin (NOAA) - USA	211	174	1747	369	8.28	2.12	1.12	1.56	41.32	56.96	46	54
16	7	Technical University of Denmark	89	112	933	350	10.48	3.13	1.42	1.24	37.53	54.76	42	70
7	8	United States Department of Energy (DOE)	129	101	1498	313	11.61	3.1	1.32	1.58	42.95	57.04	38	27
10	9	Florida State University System	146	125	1157	273	7.92	2.18	1.03	1.27	43.71	59.78	44	50
8	10	Norwegian University of Science & Technology	221	204	1387	258	6.28	1.26	1.12	0.83	44.98	69.16	74	70
51	11	Goddard Space Flight Center	51	52	555	230	10.88	4.42	1.55	2.05	29.44	43.14	19	19

早3年 排名	近3年 排名	机构名称	发表论文数		被引频次		篇均被引		学科规范化的引文影响力		平均百分位		国际合作论文	
			2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016
20	12	University of Western Australia	95	119	819	225	8.62	1.89	1.51	1.18	33.34	56.38	43	51
19	13	National University of Singapore	74	105	836	214	11.3	2.04	1.84	1.79	36.22	56.26	38	70
21	14	NERC Natural Environment Research Council	73	65	783	207	10.73	3.18	1.44	1.69	38.8	49.09	39	42
5	15	United States Department of Defense	243	165	1730	206	7.12	1.25	1.08	0.67	53.39	70.71	40	40
60	16	Shanghai Jiao Tong University	135	224	502	202	3.72	0.9	0.75	0.65	53.31	74.4	32	91
41	17	NERC National Oceanography Centre	59	52	594	195	10.07	3.75	1.42	1.93	38.58	45.54	32	33
25	18	Tsinghua University	52	80	721	188	13.87	2.35	1.31	0.99	44.05	73.18	16	20
13	19	Universidade de Lisboa	131	132	1002	187	7.65	1.42	1.43	1.54	34.81	63.63	50	47
80	20	University of Chinese Academy of Sciences	27	89	399	185	14.78	2.08	1.37	1.05	38.89	64.66	6	15

(本表发文前 20 的机构选取原则: 2014-2016 年时间段论文被引频次前 20 的机构)

## 1.6 小结

就总体概况而言：2011-2015 年全球海洋工程领域发文量呈逐年上升趋势，每年的增幅都在 8% 以上；在 WOS 学科布局层面，海洋工程、土木工程、海事工程、海洋学构成了该领域的主要支撑学科，2014-2016 年能源学科的发文量有所增加，逐渐成为该领域的新兴基础学科，物理化学、纳米科技、环境工程、环境科学、材料、遥感、图像技术等则是海洋工程与技术领域的重要交叉学科；2011-2016 年间，海洋工程与技术领域的发文期刊较为集中，发文量排名前 15 的期刊包含了该领域 1/3 的论文，2011-2013 年和 2014-2016 年两个不同时间段发文量排名前 15 期刊的重合率达到了 73% 以上。

在全球研究机构的相关分析中，6 年内总被引频次位居前十的机构变化不大。同时，University of Plymouth 及 Technical University of Denmark 在 2014-2016 年内上升较快，进入全球前 10。而国内机构的科研表现中，中科院始终保持“总被引频次”排名全球第一。近 3 年来“总被引频次”排名上升较快的国内机构有：中国科学院大学、上海交通大学、浙江大学，另外清华大学的排名也有所上升。除浙大外，以上其他 3 所机构近 3 年的世界排名均进入全球前 20。

就总趋势而言，海洋工程领域在全球范围内的科研热度还在不断上升，并有新的研究方向兴起；与此同时，中国的科研力量也在崛起，但具有雄厚实力的机构还比较少，与美国等主要的科研大国还有一定的差距，具有较大的发展潜力。

## 2 浙江大学海洋工程与技术领域研究现状

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数据来源:2011-2016年8月SCI收录的浙江大学海洋工程与技术领域论文。

本部分内容可细分为:浙大研究总体概况与高影响力论文情况、浙大研究核心期刊分布于核心作者分布概况、浙大论文大陆(海外)合作机构布局分析及合作论文绩效分析。本部分着重对浙江大学海洋工程与技术领域论文的竞争力进行分析,以期对浙大的科研力进行客观的认识和深入剖析。

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对浙江大学海洋工程与技术领域论文竞争力的分析,有助于对浙大在相关领域的科研竞争力有更客观的了解,并在此基础上找准国际和国内定位,通过对世界和国内顶级机构的分析、学习和借鉴,在最大程度上做到有针对性、不走弯路,从而拟定符合浙大校情的发展意见和资源整合策略。

### 2.1 浙大研究总体概况

如图 2-1 所示,为浙大海洋工程与技术领域发文关键词频图,其中字号越大则表示该词组与文献集的关联度越大;红色代表与该词组相关的发文量有所上升,蓝色则代表下降,灰色代表文章数量在该时间跨度内不变。关键词中,水下声学显示出最大的关联度,其他相关度较大的还有:海底/沿岸管道、洋流、观测台、水下自主运载工具等;除水下工程外,还有不少关键词涉及海岸带工程。





如图 2-2 所示, 2011-2016 年, 浙大海洋工程领域被引次数排名前 1% 的论文百分比达到 1.23%, 超过该领域同期全球水平 (0.93%); 被引次数排名前 10% 的论文百分比达到 7%; 被引次数排名前 25% 的论文百分比达到 16.39%, 低于该领域同期全球水平 (21.86%)。

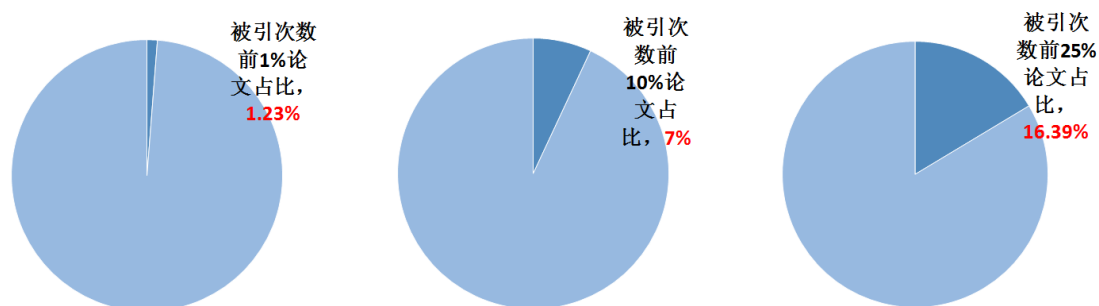


图 2-2 TOP1%、10%、25% 论文组成分析 (2011-2016)

浙大 2011-2016 年海洋工程领域的发文中, Q1 期刊论文占比达到了 32.38%, 论文被引百分比达 53.69%, 两者都低于同期全球水平; 而国际合作论文占比达 29.1%, 略高于同期全球水平 (图 2-3)。

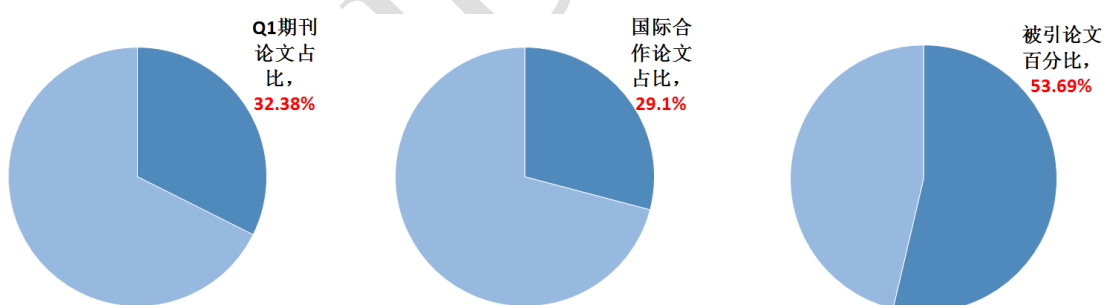


图 2-3 Q1 期刊、国际合作、被引论文组成分析 (2011-2016)

浙大与全球海洋工程领域研究现状的对比如图 2-4 所示, 除了国际合作论文、Q1 期刊论文及 TOP1% 论文超过全球水平之外, 其他 4 个指标均低于全球水平。另外, 经过验证, TOP1% 论文为材料相关的文献, 且非浙大第一通讯论文。由此可见, 浙大在海洋工程领域发表论文的综合表现还稍微逊于全球水平, 高质量文章虽然有但数量不多, 在文章质量的提升上仍有很大的空间。

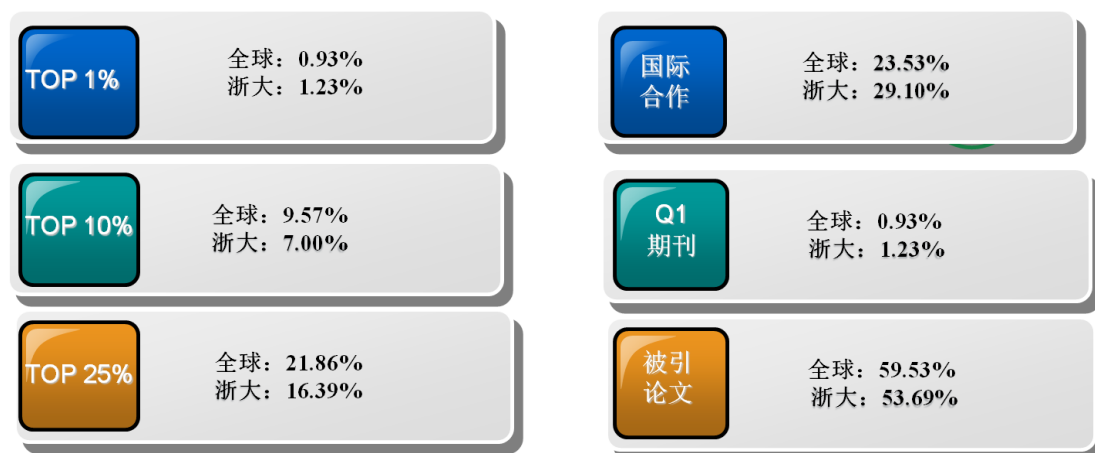


图 2-4 浙大与全球海洋工程领域研究现状对比 (2011-2016)

## 2.2 浙大研究核心期刊分布与核心作者分布

浙江大学在海洋工程领域主要发文期刊的指标取自 2015 年 JCR 的最新数据, 表 2-2 按照 2011-2016 年各类期刊的发文量降序排列, 根据期刊实际情况取排名前 20 的期刊。如表格所示, 浙大海洋工程 2011-2016 年发文数量最多的期刊是《OCEAN ENGINEERING》, 其次是《CHINA OCEAN ENGINEERING》和《IEEE JOURNAL OF OCEANIC ENGINEERING》。在主要发文期刊中, 期刊影响因子最高的是《REMOTE SENSING OF ENVIRONMENT》, 达 5.881, 但是浙大在该刊上的发文量不高, 仅 4 篇。浙大发文量超过 10 篇的期刊主要集中的研究领域有: 海洋工程与技术、海洋地球能源、船舶与海岸工程等, 这属于全球的主要研究领域范畴, 两者共同关注了海洋能源、海岸带工程等大方向。

表 2-2 浙大海洋工程发文主要期刊 (2011-2016)

排名	名称	WOS 论文数	期刊规 范化的 引文影 响力	5 年 影响 因子	不含自 引的期 刊影响 因子	期刊 影响 因子	特征因子
1	OCEAN ENGINEERING	24	0.93	1.773	1.147	1.488	0.00974
2	CHINA OCEAN ENGINEERING	18	1.79	0.471	0.311	0.435	0.00064
3	IEEE JOURNAL OF OCEANIC ENGINEERING	16	0.48	1.624	1.359	1.648	0.00285

排名	名称	WOS 论文数	期刊规 范化的 引文影 响力	5 年 影响 因子	不含自 引的期 刊影响 因子	期刊 影响 因子	特征因子
4	MARINE GEORESOURCES & GEOTECHNOLOGY	13	0.39	0.701	0.739	0.761	0.00033
5	MARINE TECHNOLOGY SOCIETY JOURNAL	12	0.88	0.742	0.467	0.59	0.00107
6	SHIPS AND OFFSHORE STRUCTURES	10	1.16	0.912	0.657	0.79	0.00093
7	APPLIED OCEAN RESEARCH JOURNAL OF OFFSHORE	10 8	1.17 2.58	1.594 0.806	1.208 0.607	1.382 0.711	0.00274 0.00123
8	MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME						
9	REMOTE SENSING OF ENVIRONMENT	4	1.08	7.388	4.948	5.881	0.04499
10	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	4	0.08	2.224	1.938	2.159	0.01152
11	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	4	2.85	0.454	0.391	0.392	0.00091
12	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	4	2.69	0.943	0.645	0.709	0.0009
13	IEEE-ASME TRANSACTIONS ON MECHATRONICS	3	2.07	3.833	2.533	3.851	0.01217
14	INTERNATIONAL JOURNAL OF REMOTE SENSING	3	3.32	1.819	1.444	1.64	0.01629
15	ENERGY	3	0.25	4.81	2.989	4.292	0.06258
16	BIORESOURCE TECHNOLOGY JOURNAL OF THE	3 3	0.97 0.59	5.744 1.738	3.765 1.115	4.917 1.572	0.13375 0.03384
17	ACOUSTICAL SOCIETY OF AMERICA						
18	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	3	0.93	/	/	/	/
19	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	2	0.3	0.708	0.46	0.722	0.00059
20	MARINE STRUCTURES	2	0.62	1.983	1.4	1.729	0.00181

表 2-3 列举了浙江大学海洋工程领域发文量占主导地位的学者，可见除海洋

学院外，与工程学科关系紧密的学院如：建筑工程学院、机械工程学院也有较大贡献，其中平均百分位表现较好的学者主要来自建筑工程学院。这表明浙江大学海洋工程与技术领域的相关研究与建筑、机械等学科结合得比较紧密，加强与这些院系的合作能够更好地提升未来的研究高度和拓宽思路。

受最初检索关键词的限制，有些老师没有提供的关键词如：机械手、洋流等词组涉及的领域细节会有所遗漏，同时也会有少量不相关的文献引入。

表 2-3 浙大海洋工程领域主要发文作者（2011-2016）

排序	姓名	所属院系	发文量	发文时间 跨度	年均发 文量	最高被 引次数	总被引 次数	平均 IF	最高 IF	平均百 分位
1	陈鹰	海洋学院	31	2011-2016	5.64	14	86	1.25	3.85	68.64
2	王立忠	建筑工程 学院	22	2011-2016	4	10	74	1.17	2.11	60.86
3	杨灿军	机械工程 学院	21	2011-2016	3.82	12	48	1.36	5.75	80.9
4	白勇	建筑工程 学院	17	2012-2016	3.09	8	27	1.01	1.73	77.12
5	Guo, Zhen	建筑工程 学院	15	2011-2016	2.73	10	52	0.97	1.49	60.04
6	袁峰	建筑工程 学院	11	2011-2016	2	10	53	1.08	1.38	49.85
7	徐文	海洋学院	10	2011-2016	1.82	7	16	1.53	1.65	79.29
7	李德骏	机械工程 学院	10	2012-2015	2.5	12	42	0.66	1.49	65.43
8	程鹏	建筑工程 学院	9	2013-2015	3	3	6	0.92	1.49	80.71
9	陈家旺	海洋学院	8	2013-2016	2.29	14	23	1.12	2.16	74.95
10	黄豪彩	海洋学院	7	2012-2015	1.75	14	16	0.78	1.49	81.33
10	林勇刚	机械工程 学院	7	2011-2016	1.27	18	26	3.66	6.8	69.78
11	龚顺风	建筑工程 学院	6	2011-2016	1.09	8	22	1.12	1.73	63.61
11	吴世军	机械工程 学院	6	2011-2016	1.09	4	6	2.62	5.75	92.79
11	李玲玲	建筑工程 学院	6	2011-2014	1.5	10	24	0.92	1.49	59.31
11	潘德炉	浙江大学	6	2012-2016	1.33	35	77	4.99	5.88	35.29
11	阮伟东	建筑工程 学院	6	2014-2015	3	3	8	1.05	1.73	62.65
12	赵西增	海洋学院	5	2012-2015	1.25	19	26	0.89	1.49	71.82

### 2.3 浙大研究合作布局分析

表 2-4 将 2011-2016 年时间段内与浙大合作发表海洋工程领域 SCI 论文的大陆科研机构按照总被引频次降序排列：浙大与国内机构合作发文较多的有国家海洋局、杭州电子科技大学、浙江工业大学、河海大学，其中与国家海洋局的合作最为密切，而与宁波大学合作发表的论文篇均被引频次最高，与厦门大学合作的论文虽然只有一篇，但是被引用次数仅次于宁波大学，达 33 次。

表 2-4 浙大与中国大陆合作机构（2011-2016）

排名	机构名称	合作论文数	篇均被引	学科规范化的引文影响力	被引频次	论文被引百分比
1	State Oceanic Administration	16	5.69	1.57	91	68.75
2	Ningbo University	2	42	6.73	84	100
3	Xiamen University	1	33	5.22	33	100
4	Southeast University - China	1	29	6.07	29	100
5	Hangzhou Dianzi University	10	2.8	0.92	28	80
6	Zhejiang University of Technology	6	3.83	0.4	23	50
7	Ocean University of China	3	7	1.39	21	100
8	Zhejiang Gongshang University	1	12	1.05	12	100
9	Shanghai Dianji University	3	3	0.72	9	66.67
10	Tianjin University	2	2.5	0.57	5	100
11	Hohai University	5	1	0.5	5	40
12	Wenzhou University	4	1.25	0.33	5	50
13	Beihang University	1	4	0.68	4	100
14	Shandong University	1	4	1.07	4	100
15	Tsinghua University	2	1.5	0.47	3	100
16	China Jiliang University	2	1.5	0.34	3	100
17	China University of Petroleum	2	1.5	0.59	3	50
18	Chongqing University	3	0.67	2.55	2	66.67

表 2-5 按 2011-2013 年，2014-2016 年两个时间段，分别分析了在期间发表的海洋工程领域 SCI 论文与中国大陆其他科研机构的合作情况。表格按所合作机构的合作论文“总被引频次”降序排列。若合作论文数为 0，则表示浙大在该时间段内与相对应机构无海洋工程领域内的合作论文发表；“/”则表示该机构在该时间段内与浙大没有学术上的合作。分阶段对比情况与 2011-2016 年有所不同，

近3年浙大与大陆科研机构的合作论文有较大增加,主要是与中科院、河海大学的合作有较大发展;此外,国家海洋局仍是浙大在海洋工程领域的重点合作机构;近3年,与宁波大学合作论文的被引频次超过了与国家海洋局的合作论文,跃居榜首;原本6年期间排名最末的重庆大学在近3年的合作中跃居第5,表明重庆大学在海洋工程领域与浙大的合作也在逐步加强。

表 2-5 浙大与中国大陆合作机构 (6 年分段)

排名	机构名称	合作论文数		篇均被引		学科规范化引文影响力		被引频次		论文被引百分比	
		2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016
1	Ningbo University	/	2	/	42	/	6.73	/	84	/	100
2	State Oceanic Administration	6	10	13.33	1.1	1.94	1.35	80	11	100	50
3	Hangzhou Dianzi University	7	3	3.14	2	0.75	1.3	22	6	100	33.33
4	Hohai University	/	5	/	1	/	0.5	/	5	/	40
5	Chongqing University	/	3	/	0.67	/	2.55	/	2	/	66.67
6	Tsinghua University	1	1	0	2	0.26	0.68	/	2	100	100
7	Tianjin University	1	1	4	1	0.68	0.46	4	1	100	100
8	China Jiliang University	1	1	2	1	0.21	0.46	2	1	100	100
9	Nanjing Normal University	/	1	/	1	/	0.49	/	1	/	100
10	Ocean University of China	2	1	10	1	1.75	0.68	20	1	100	100
11	Shandong University of Science & Technology	/	1	/	1	/	0.68	/	1	/	100
12	Chinese Academy of Sciences	1	6	1	0.17	0.15	1.2	1	1	100	16.67
13	Tongji University	/	1	/	0	/	0	/	0	/	0
14	Central South University	/	1	/	0	/	0	/	0	/	0
15	China University of Petroleum	1	1	3	0	1.18	0	3	0	100	0
16	East China Jiaotong University	/	2	/	0	/	0	/	0	/	0

排名	机构名称	合作论文数		篇均被引		学科规范化引文影响力		被引频次		论文被引百分比	
		2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016
17	Hangzhou Normal University	/	1	/	0	/	0	/	0	/	0
18	Wenzhou University	2	2	2.5	0	0.66	0	5	0	100	0

海外合作机构表（表 2-6）呈现了 2011-2016 年时间段内浙大与海外机构合作发表海洋工程领域 SCI 论文的情况。表格按与相关机构合作论文的“总被引频次”降序排列，取总被引频次居前的 30 所机构。

在海外合作机构中，浙大合作发文量较多的是夏威夷大学，达 6 篇（表中的 University of Hawaii Manoa 与其重复，同属于夏威夷大学系统）；其次为台湾国立中山大学，共 5 篇。合作发文中，学科规范化的引文影响力最高的是哈佛大学和奥地利林茨大学，虽然都只有 1 篇文章，但学科规范化的引文影响力都达到了 12.08，论文质量较高；此外，合作发文较多的两所机构，从学科规范化的引文影响力和被引频次来看，与台湾国立中山大学的合作论文质量更高。

表 2-6 浙大与海外（含港澳台）合作机构（2011-2016）

排名	机构名称	合作论文数	篇均被引	学科规范化的引文影响力	被引频次	论文被引百分比
1	Harvard University	1	97	12.08	97	100
2	Johannes Kepler University of Linz	1	97	12.08	97	100
3	National Sun Yat Sen University	5	10	2.69	50	80
4	North Carolina State University	1	29	6.07	29	100
5	National Science Foundation (NSF)	1	29	6.07	29	100
6	Kyushu University	1	16	2.86	16	100
7	University of Minnesota Twin Cities	4	2.5	0.36	10	50
8	University of Minnesota System	4	2.5	0.36	10	50
9	Imperial College London	2	4.5	2.02	9	100
10	University of London	2	4	1.14	8	100
11	University of Tokyo	1	7	1.94	7	100
12	National University of Singapore	3	2.33	1.32	7	66.67
13	University College London	1	7	2.04	7	100
14	University of Maryland Baltimore County	1	6	0.72	6	100

15	McMaster University	1	6	0.72	6	100
16	University System of Maryland	1	6	0.72	6	100
17	National Taiwan University	3	1.67	3.28	5	66.67
18	University of Hawaii System	6	0.67	0.69	4	33.33
19	Griffith University	2	2	1.03	4	50
20	Virginia Polytechnic Institute & State University	2	1.5	0.67	3	100
21	Hiroshima University	1	3	0.73	3	100
22	Goddard Space Flight Center	2	1.5	0.43	3	50
23	National Aeronautics & Space Administration (NASA)	2	1.5	0.43	3	50
24	University of California Berkeley	1	2	0.26	2	100
25	University of Hawaii Manoa	5	0.4	0.79	2	20
26	Clemson University	2	1	0.22	2	50
27	University of Tennessee System	1	2	0.26	2	100
28	University of Washington Seattle	1	2	0.36	2	100
29	Nanyang Technological University	3	0.67	0.81	2	33.33
30	Oak Ridge National Laboratory	1	2	0.26	2	100

表 2-7 分 2011-2013 及 2014-2016 两个时间段，阐述了浙江大学在海洋工程领域与海外机构合作发表 SCI 论文的情况，表格按与相关机构合作论文的“总被引频次”降序排列，取总被引频次居前的 15 所机构（“/”表示浙大在该阶段与该机构无科研上的合作）。分析可知近 3 年浙大的海外合作论文数有所下降，但是建立了同新加坡国立大学的合作关系，同时保持同帝国理工学院和台湾国立中山大学的高效合作，还有一些高质量的论文发表在 3 年前一次性的短期合作；从国家和地区来看，美国在前 15 的机构中占了 6 所位居第 1，其次分别为英国、日本、澳大利亚、台湾等国家和地区，英国虽然位居第 2，但美国的优势使其在合作规模上依然占据着主要的位置。



表 2-7 浙大与海外（含港澳台）合作机构（2011-2016）

排名	机构名称	Web of Science 论文数		篇均被引		学科规范化的引文影响力		被引频次		论文被引百分比		国家/地区
		2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016	
1	Harvard University	1	0	97	/	12.08	/	97	/	100	/	USA
2	Johannes Kepler University of Linz	1	0	97	/	12.08	/	97	/	100	/	AUSTRIA
3	National Sun Yat Sen University	4	1	12	2	2.37	3.94	48	2	75	100	TAIWAN
4	North Carolina State University	1	0	29	/	6.07	/	29	/	100	/	USA
5	National Science Foundation (NSF)	1	0	29	/	6.07	/	29	/	100	/	USA
6	Kyushu University	1	0	16	/	2.86	/	16	/	100	/	JAPAN
7	University of Minnesota Twin Cities	2	2	5	0	0.73	0	10	0	100	0	USA
8	University of Minnesota System	2	2	5	0	0.73	0	10	0	100	0	USA
9	Imperial College London	1	1	7	2	1.63	2.42	7	2	100	100	ENGLAND
10	University of London	2	0	4	/	1.14	/	8	/	100	/	ENGLAND
11	University of Tokyo	1	0	7	/	1.94	/	7	/	100	/	JAPAN
12	National University of Singapore	0	3	/	2.33	/	1.32	/	7	/	66.67	SINGAPORE
13	University College London	1	/	7	/	2.04	/	7	/	100	/	ENGLAND
14	University of Maryland Baltimore County	1	/	6	/	0.72	/	6	/	100	/	USA
15	McMaster University	1	/	6	/	0.72	/	6	/	100	/	CANADA

如图 2-5 所示, 上图为与浙大合作发表论文总被引次数排名前 5 的科研机构, 从浙大发散而出的各圆圈中标示的数字是合作论文的被引频次, 表现较好的国内机构主要有国家海洋局、河海大学及中科院, 国外机构则以夏威夷大学为主; 下图则为与浙大合作发表论文总数排名前 8 的机构, 图中各表示合作机构的圆中标示的数字是合作论文的数量, 排名前 2 的都是国内的机构, 为国家海洋局和中科院, 河海大学和重庆大学也榜上有名, 国外则还是夏威夷大学居首。由此可见, 浙大与国家海洋局、中科院、河海大学等科研机构为首的国内合作较国外的合作更加紧密。

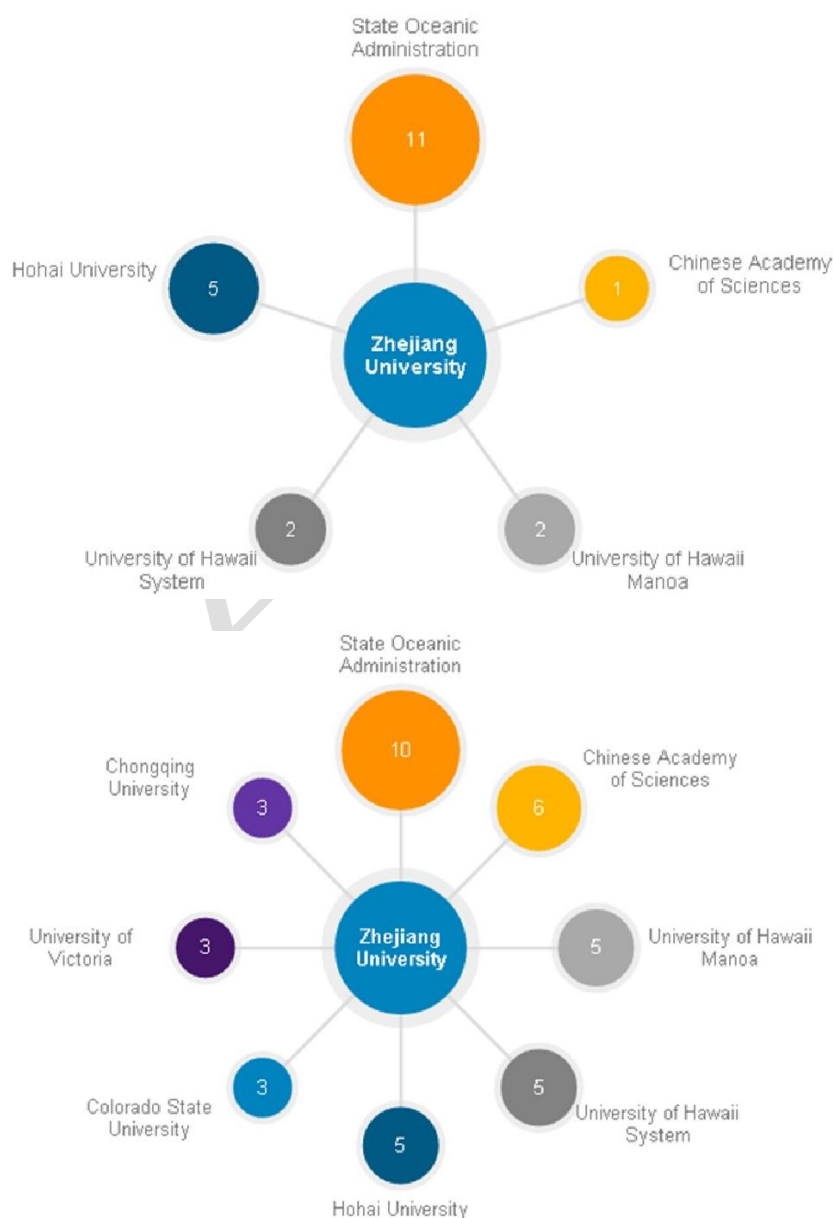


图 2-5 总被引次数前 5/合作论文数前 8 的合作机构 (2011-2016)

从合作论文绩效来看(表 2-8),海外合作论文与国内合作论文的数量相差不大,都在 70 篇左右;从文章质量来看,海外合作论文的学科规范化引文影响力较国内合作论文高,而论文被引百分比和平均百分位等指标的结果则显示国内合作论文更好一些;此外,与之前浙大总体论文的学科规范化引文影响力(0.77)相比,合作论文的质量明显有所提升。

表 2-8 浙大的合作论文绩效分析(2011-2016)

合作地区/国家	Web of Science 论文数	学科规范 化的引文 影响力	篇均被引	被引频次	论文被引 百分比	平均百分 位
中国大陆	74	1.06	3.87	314	62.16	64.12
海外和港澳台	70	1.15	3.91	274	52.86	65.86

## 2.4 小结

总体而言,浙江大学 2011-2016 年在海洋工程与技术领域共发文 244 篇,并呈现文章逐年增长的趋势;论文的质量优势不如数量优势明显,整体影响力、平均影响力和高被引论文影响力等都略低于该领域同期全球水平。

近 3 年的国内合作论文增加明显,国内合作有较大发展,形成了以国家海洋局、中科院、河海大学之间的合作为主的国内合作布局,且近 3 年与重庆大学的合作也有所提升;而与海外机构的合作处于较大的变动中,合作的科研机构有新增也有减少,目前数据显示主要的合作机构有夏威夷大学和台湾国立中山大学,但是能够产出高质量文章的海外高校如:哈佛大学、奥地利林茨大学等机构的合作还不够紧密,论文的产出量也不高。总的来说,在海洋工程领域,浙大与国内的合作较为稳定,但与海外科研机构的合作暂时还没有形成稳定的合作网络布局,尚需争取更多的资源与合作机会。

从海内外合作论文绩效来看,国内合作论文在被引论文百分比和平均百分位的表现上较海外合作更好一些,但也没有拉开很大的距离,两者的表现不相上下;无论是海外合作论文还是国内合作论文,绩效都要远高于非合作论文,主要表现为学科规范化引文影响力的大幅度提升。

### 3 海洋工程领域重要研究机构对标分析

数据来源：2011-2016 年 8 月 SCI 收录的海洋工程与技术领域论文

本部分一方面从定量分析的角度基于选定的 18 所国内外机构，对比考察各机构文献计量各项指标的差异；另一方面从内容分析的角度，基于学科关注的 13 个国内外机构，对比考察分析其在海洋工程领域的高频关键词。对标国内外机构入选的条件为：论文被引次数或者发文量表现突出，以及近 3 年进步明显的机构，共计 18 所。

国际合作与自主研究是当今科学研究工作的两种主要模式，机构间的合作（以国际作为主）是实现增强自主研究水平的重要途径。通过海洋工程领域重要研究机构的对标分析，可以了解国际兄弟院校的科研实力和科研绩效，在知己知彼的情况下寻求高质量的合作机会，提升浙大的论文质量和科研实力。

#### 3.1 国际机构 SCI 论文竞争力对比分析

国外 8 所对标机构的 SCI 论文综合竞争力如表 3-1 所示，按照发表论文的被引频次降序排名：第 1 为美国的加州大学系统，拥有最高的 h 指数和总被引次数，科研产出量也很高；佐治亚大学系统的篇均被引频次最高，达 12.07，ESI 高被引论文百分比为 4.31 位居第 2，平均百分位略高于加州大学；新加坡国立大学的竞争力较强，发文量虽然不是很多，但学科规范化的引文影响力高达 1.81，位居第 2；从数据来看，两所英国机构的科研竞争力最强，普利茅斯大学虽然发文量不多，但在 ESI 高被引论文百分比、被引前 10% 论文百分比、学科规范化的英文影响力、平均百分位和国际合作论文百分比等几项指标中都名列榜首，表现出在海洋工程领域顶尖的科研实力，而南安普顿国家海洋中心紧随其后，虽然各项指标稍有逊色，但实力也比较雄厚；浙江大学在科研产出上处于中上水平，其余各项指标相对其他 8 所国际科研机构相对处于弱势。

3 海洋工程领域重要研究机构对标分析

表 3-1 海洋工程领域国外 8 所机构与浙大 SCI 论文综合竞争力对比 (2011-2016)

发文世界排名	被引世界排名	机构	发文量	总被引次数	篇均被引次数	h 指数	ESI 高被引论文数	ESI 高被引论文百分比	被引前 10%论文数	被引前 10%论文百分比	学科规范化引文影响力	平均百分位	国际合作论文百分比
3	2	University of California System	414	3409	8.23	26	9	2.17	74	17.87	1.54	49.17	37.68
2	8	Norwegian University of Science & Technology	425	1645	3.87	19	1	0.24	46	10.82	0.98	56.59	33.88
10	9	Florida State University System	271	1430	5.28	16	2	0.74	36	13.28	1.14	51.12	34.69
51	10	University System of Georgia	116	1400	12.07	17	5	4.31	26	22.41	1.74	48.66	45.69
21	11	Technical University of Denmark	201	1283	6.38	17	6	2.99	31	15.42	1.32	47.13	55.72
24	18	National University of Singapore	179	1050	5.87	15	3	1.68	27	15.08	1.81	47.98	60.34
55	26	University of Plymouth	114	870	7.63	15	6	5.26	41	35.96	2.36	33.71	71.05
58	30	NERC National Oceanography Centre	111	789	7.11	15	4	3.6	30	27.03	1.66	41.84	58.56
12	42	Zhejiang University	245	714	2.91	12	2	0.82	17	6.94	0.77	68.11	28.98

表 3-2 按 2014-2016 年各机构的被引次数降序排列。加州大学系统在两个时间段的科研表现波动不大，学科规范化的引文影响力基本不变，高质量论文的产出也没有太大变化；英国普利茅斯大学相对 2011-2013 年，近 3 年的科研影响力有所提升，在学科规范化的影响力和 ESI 高被引论文的表现上最为明显，该校在两个时间段都维持着最高的平均百分位；新加坡国立大学的科研表现维持在较高水平，只是在 2014-2016 年时间段有所下滑，高水平论文产出明显减少；浙大在 2011-2013 年阶段的高水平论文产出比例甚至超过了几所国外机构，但近 3 年的文章质量并没有在原来的基础上有所提升。

表 3-2 海洋工程领域国外 8 所机构与浙大 SCI 论文竞争力分段对比（2011-2016）

排名	机构名称	学科规范化的引文影响力		ESI 高被引论文占比		被引前 1%论文比 (%)		平均百分位	
		2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016
1	University of California System	1.53	1.55	2.47	1.75	3.7	2.92	42.62	58.5
2	University of Plymouth	1.76	2.75	0	8.7	4.44	5.8	29.94	36.2
3	Technical University of Denmark	1.42	1.24	3.37	2.68	3.37	1.79	37.53	54.8
4	Florida State University System	1.03	1.27	0	1.6	0	1.6	43.71	59.8
5	Norwegian University of Science & Technology	1.12	0.83	0	0.49	2.26	0.49	44.98	69.2
6	National University of Singapore	1.84	1.79	2.7	0.95	6.76	0.95	36.22	56.3
7	NERC National Oceanography Centre	1.42	1.93	0	7.69	5.08	3.85	38.58	45.5
8	Zhejiang University	1	0.63	1.09	0.65	2.17	0.65	51.51	78.1
9	University System of Georgia	1.95	1.44	4.35	4.26	7.25	2.13	41.55	59.1

按 2011-2016 总被引次数对 10 所国内对标机构和浙大进行降序排列，由表 3-3 可见国内各对标机构的 SCI 论文的综合竞争力。中科院无论是在发文量还是在文章质量上都占据榜首，h 指数高达 31，超过加州大学系统，学科规范化的影响力处于中上水平（1.27）；北京航空航天大学虽然发文量不高，但是论文的被引用程度较高，学科规范化的引文影响力为 1.33，虽然国际合作论文比例不高，但文章质量不低；学科规范化引文影响力最高的为湖南大学（2.12），该机构的国际合作论文比例最高，可见国际化的合作有助于推动科研力量；浙大、上交大、哈工大等高校虽然论文产量较高，但论文的质量还有待进一步提升。

3 海洋工程领域重要研究机构对标分析

表 3-3 海洋工程领域国内 10 所机构与浙大 SCI 论文综合竞争力对比（2011-2016）

发文世界排名	被引世界排名	学校	发文量	总被引次数	篇均被引次数	h 指数	ESI 高被引论文数	ESI 高被引论文百分比	被引前 10% 论文数	被引前 10% 论文百分比	学科规范引文影响力	平均百分位	国际合作论文百分比
1	1	中科院	575	4044	7.03	31	13	2.26	87	15.13	1.27	57.3	26.09
85	25	北京航空航天大学	92	877	9.53	13	2	2.17	18	19.57	1.33	56.82	16.3
9	38	大连理工大学	310	759	2.45	13	2	0.65	21	6.77	0.62	70.13	27.74
12	42	浙江大学	245	714	2.91	12	2	0.82	17	6.94	0.77	68.11	28.98
7	43	上海交通大学	359	704	1.96	10	0	0	23	6.41	0.69	66.47	34.26
74	87	哈尔滨工业大学	97	470	4.85	11	2	2.06	8	8.25	0.83	65.48	26.8
14	117	哈尔滨工程大学	237	372	1.57	11	0	0	12	5.06	0.57	74.47	27
32	125	天津大学	155	353	2.28	9	0	0	18	5.16	0.68	65.95	23.87
190	166	湖南大学	47	281	5.98	9	1	2.13	1	29.79	2.12	43.85	48.94
313	219	中国科技大学	30	229	7.63	7	0	0	0	26.67	1.6	50.67	26.67

表 3-4 按 2014-2016 总被引次数对 11 所国内机构进行降序排列，进行论文竞争力分时间段的对比。中科院在各项指标上依旧表现较好，具有稳定的优势，2014-2016 年时间段稍有下滑；而湖南大学则在近 3 年表现出较好的科研力提升，在高水平论文的产出占比上都有升高，占据学科规范化的引文影响力榜首(2.17)，接近普利茅斯大学的分值(2.75)；此外中国科技大学的高水平论文虽然最少，但在 2011-2013 年时间段内的平均百分位排名第 1，且学科规范化的引文影响力上也有较好的表现；浙大近 3 年高水平论文的产出有所减少，还应在论文质量上提高要求。

表 3-4 海洋工程领域国内 10 所机构与浙大 SCI 论文竞争力分段对比 (2011-2016)

排名	机构名称	学科规范化的引文影响力		ESI 高被引论文占比		被引前 1%论文比 (%)		平均百分位	
		2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016	2011-2013	2014-2016
1	中科院	1.46	1.15	2.69	1.99	3.14	1.7	44.19	65.6
2	上海交通大学	0.75	0.65	0	0	0	0.45	53.31	74.4
3	浙江大学	1	0.63	1.09	0.65	2.17	0.65	51.51	78.08
4	北京航空航天大学	1.64	1.11	2.56	1.89	2.56	1.89	49.36	62.31
5	湖南大学	1.87	2.17	0	2.5	0	5	40.79	44.39
6	大连理工大学	0.77	0.49	0	1.16	0.72	0.58	54.95	82.31
7	哈尔滨工业大学	1.08	0.72	3.45	1.47	0	0	43.18	75
8	哈尔滨工程大学	0.7	0.51	0	0	1.33	0	59.86	81.24
9	天津大学	0.82	0.61	0	0	0	0.99	51.65	73.6
10	中国科技大学	1.5	1.64	0	0	0	0	40.2	55.9

表 3-5 的机构来源是：取 2014-2016 年 SCI 论文被引频次居前 6 的国内机构降序排列，然后分别获取该 6 所机构在 2011-2013 年及 2014-2016 年两个时段的相关数据。其中中科院在两个阶段的排名在国内和全球都是第 1；近 3 年来，总被引频次排名上升较快的机构有中科院大学、上海交通大学以及浙江大学，北京航空航天大学的排名稍有下滑；中科院大学在 2011-2013 年阶段的平均百分位表现较好，近 3 年论文的发表数量也有大幅度提升。



表 3-5 海洋工程领域国内被引前 5 机构与浙大 SCI 论文竞争力分段对比（2011-2016）

早 3 年 排名	近 3 年 排名	机构名称	学科规范化的 引文影响力		被引频次		发表论文数		国际合作论文		平均百分位		篇均被引	
			2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016	2011- 2013	2014- 2016
			1	1	中科院	1.46	1.15	3140	904	223	352	65	85	44.19
60	16	上海交通大学	0.75	0.65	502	202	135	224	32	91	53.31	74.4	3.72	0.9
80	20	中科院大学	1.37	1.05	399	185	27	89	6	15	38.89	64.66	14.78	2.08
54	24	浙江大学	1	0.63	543	171	92	153	23	48	51.51	78.08	5.9	1.12
24	31	北京航空航天大学	1.64	1.11	722	155	39	53	5	10	49.36	62.31	18.51	2.92

### 3.2 海洋工程领域 13 所对标机构高频关键词分析

基于学科方面提供的对标机构信息和 2011-2016 年阶段内海洋工程领域的 SCI 论文,进行了 13 所国内外机构 TOP15 关键词的提取和分析(表 3-6)。四所国内对标高校的具体情况如下:上海交通大学关键词显示的主要关注领域为海洋数字建模和船舶工程,以及流体力学等相关的学科方向;哈尔滨工程大学以研发水下航潜器及其相关的控制技术为主,同时涉及流体力学和水下声学;天津大学在海洋工程领域主要涉及的方向为海象、海底石油管道、海洋钻探等方向,以及水下声学和水下建筑架构等领域;大连理工大学更侧重于海洋建模、流体力学、计算机推演模拟等方向,其中海岸带工程结构也有所触及。

国外对标机构的分析结果如下:麻省理工学院更关注于水下声学以及环境工程中涉及水体研究的相关领域(例如海岸带工程),此外还有涉及海浪、水下自主航行器、压力感应装置的相关研究;伍兹霍尔海洋研究所虽然以海洋科学的高科研力和影响力著称,但也有不少研究领域涉及海洋工程,如水声学、水下航行器、水下通信交流等;英国国家海洋中心则偏重于海洋科学领域,如海洋理化性质、沿岸海洋学、海洋环境监测等方向,在工程方面的研究较少;罗德岛大学专注于水下声学、海洋能、水下考古技术、海洋军事工程等领域,更偏重于水下各种探索;日本海洋科技中心的科研实力雄厚,但发文量较低,原因在于其研究成果多发表在日语语种的期刊上,英语的论文发表较少所致,就其英文文章分析结果可知,该机构在海洋工程领域主要涉及的有水下机器人、海洋能等领域;加拿大维多利亚大学主要关注的领域有水声学、海洋建模、海洋波浪(能)、海洋沉积(物)等方向;加拿大纽芬兰纪念大学则注重评估海洋风险及建模,以及船舶工程和管道工程等领域的研究;蒙特雷湾水族馆研究所在海洋工程领域的主要研究方向有水下航行器、海洋采样和调查、声呐、大气与环境生态等;华盛顿大学着重关注海洋军事工程领域的研究,包括水下声学、水下通信、船舶等方向。

表 3-6 对标机构关键词 TOP15 (2011-2016)

机构	关键词 TOP15
Shanghai Jiaotong University	waves;ocean engineering; models; hydrodynamics; ships; water; computer simulation; marine risers; forecasting; finite element method; numerical models; sailing vessels; cylinders(shapes); fatigue damage; dynamics
Harbin Engineering University	autonomous underwater vehicles; ocean engineering; ships; vehicles; models; hydrodynamics; experiments; underwater acoustics; navigation; errors; controllers; control; speed; waves; velocity
Tianjin University	ocean engineering; soils;models; foundations; pipelines; water; waves; drilling platforms; mooring; submarine pipelines; underwater acoustics; structure(composition); loading; wind turbines; bearing capacity
Dalian University of Technology	waves; ocean engineering; models; hydrodynamics; water; mooring; water waves; computer simulation; offshore structures; velocity; ships; experiments; structure(composition); boundary element method
Massachusetts Institute of Technology(MIT)	autonomous underwater vehicles; water; waves; sensors; coastal engineering; ships; underwater acoustics; velocity; acoustics; models; water waves; vehicles; design; design; experiments; pressure sensors
Woods Hole Oceanographic Institution	acoustics; underwater acoustics; water; ocean; autonomous underwater vehicles; acoustic waves; surfaces; hydrophones; waves; experiments; measurements; sonar; surface; communication; oceanography
National Oceanography Centre	data; water; sea surface temperature; coast; oceanography; ocean; sensor; wave; coastal zones; waves; satellites; monitoring; sea level; model; environmental monitoring
University of Rhode Island	ocean; ocean currents; water; current; oil spills; underwater explosions; data; acoustics; vessel; stream; model; surface; steel jacket platform; water column; satellite
Japan Marine Science and Technology Centre	ocean currents; water; sensors; atmospheric temperature; satellites; chlorophyll II ; clouds; vortex flow; autonomous underwater vehicles; surfaces; errors; coastal zones; experiments; monitoring; radiometers

机构	关键词 TOP15
University of Victoria	acoustics; models; water; waves; uncertainty analysis; sediments; wave power; water waves; columns(structural); wave energy conversion; probability; probability distributions; ocean; markov processes; hydrophones
Memorial University of Newfoundland	risks; surfaces; models; ships; velocity; simulation; ice; risk assessment; wind; radar; measurements; accident prevention; algorithm; pipeline; gases
Monterey Bay Aquarium Research Institute	autonomous underwater vehicles; water; surveys; vehicles; sampling; remotely operated vehicles; sensors; robotics; atmospheric; seawater; experiments; measurements; ships; ecosystems; gas hydrates
University of Washington	acoustics; underwater acoustics; acoustic waves; waves; water; measurements; hydrophones; ocean; surfaces; ships; models; sensor; surface; experiments; data

### 3.3 小结

国内外 18 所对标机构在 2011-2016 年阶段内在海洋工程与技术领域的发展概况如下：

国内机构：中科院是唯一研究规模和研究质量齐头并进的机构；相比之下，上交大和大连理工、哈工程等高校的发展还处于文章数量提升快，但研究质量相对发展较慢的类型；浙大则处于以上两种类型之间，但依旧还要着重发展论文质量和国内外的高效合作，达到在量与质并重之间的平衡；湖南大学无论在高影响力论文还是论文平均质量上表现都比较突出，近年来进步明显；与湖大类似的还有中国科技大学、北京航空航天大学，这几所高校的发展经验可以借鉴。

国外机构：除挪威科技大学之外，大部分国外机构的研究质量都较高，虽然有些机构的研究规模（发文量）并不如浙大；其中三所机构的研究质量表现尤为突出，分别为普利茅斯大学、英国国家海洋中心、新加坡国立大学，普利茅斯大学发表的论文不多，但在各项归一化指标和高质量论文百分比上都有非常优秀的表现，南安普顿国家海洋中心紧随其后，科研实力也比较雄厚。由此可以看出，浙大与国际上高水平科研机构的差距比较明显，还有很大的潜力和发展空间。

学科关注的 13 所对标机构的关键词分析显示，水下声学和水下航潜器是海

洋工程领域国内外机构的主要聚焦方向，一些领域内的著名机构如：麻省理工学院、伍兹霍尔海洋研究所、日本海洋科技中心等都有涉及这些领域。

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## 4 海洋工程领域顶级研究机构相关竞争优势分析

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数据来源：2011-2015 年 SCOPUS 收录的各机构相关领域的论文。

本部分基于国外 8 所海洋领域著名研究机构展开各自在海洋方面的交叉学科竞争优势分析，分析包括：各机构优势领域的研究趋势与竞争情况、高频关键词分布、活跃的研究者、机构发文核心期刊，以及 SCOPUS 学科领域分布。这 8 所机构分别为：MBARI(Monterey Bay Aquarium Research Institute); Massachusetts Institute of Technology (MIT); University of Southampton; Woods Hole Oceanographic Institution; National Oceanography Centre; University of Victoria, BC; University of Washington; University of Rhode Island。

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SciVal 提供的竞争优势分析能够展示机构在某个研究领域的力量，其中包括该研究领域的论文变化趋势、学科组成及交叉程度、主要发文期刊、作者以及关键词等信息，甚至能够识别一些我们之前并没有意识到的优势。通过对 8 所顶级国外机构在海洋工程领域的竞争优势分析，可以看出它们各自优势领域的学科交叉程度都不大，但是了解这些竞争优势，还是有助于我们对未来的科研和学科发展进行更深入细致的规划。

### 4.1 SciVal 的交叉学科竞争优势分析简介

ESI、InCites 等数据库采用传统的数据处理方式，把每一种期刊归入某一具体领域，再将每篇论文按照期刊的分类划归到相应学科领域，最后进行引文数、论文数等的排序。这些传统的方法忽视了跨学科研究的重要性，以过于简单化的视角衡量科研机构的研究表现，很难呈现出当前多学科研究的实景。基于 Scopus 引文数据库的交叉学科竞争优势算法 (Spotlight 算法) 采用近 5 年的数据，从跨学科的角度揭示科研绩效的产出，把论文按照文后引文的学科分类进行分数化处理，然后分别给予不同的权重，再分配到多个学科领域，最后通过共引聚类原理和可视化技术，把这些评价指标展现在读者面前，实现了多学科研究竞争力的呈

现。在学科交叉融合发展、跨学科研究领域不断涌现的趋势背景下，发掘和评价学科竞争力，无论对科研机构的决策者、学科建设者，或是科研人员都具有非常重要的意义。

Scival 工具基于 Spotlight 的竞争优势评价方法颠覆了通过期刊计算衡量产出的传统评价方法，充分体现跨学科研究的重要性，为评价、制定和实施科研战略提供了一种新的视角和方向。它以跨学科角度显示科研绩效，产出相关的独特竞争力（DC，亦称竞争优势）和潜在竞争优势（EC）。

其中 DC 需要在发文量，高被引文献和文献新鲜度这 3 个方面或 2 个方面同时具有领先优势；EC 并不需要都满足以上的三项指标，更多情况下关注的是这个研究方向的发文数量、高被引文献占比等等指标。对于每一个具备竞争优势的研究课题（DC 或 EC），Scival 都可以分析出该领域最活跃的研究机构、该领域内本机构的竞争力情况，该领域中活跃的研究者、本研究机构在该领域内主要贡献，该领域的研究发展趋势等一系列竞争力表现情况。

以浙大为例（图 4-1），图中一个圆圈则代表一个文献集合，即一个交叉学科的竞争优势，圈圈的大小原则上代表集群内院校发表文章的数量，圆圈内不同颜色的线条代表学科的构成（不同颜色代表不同的 SCOPUS 学科，SCOPUS 的 330 多个学科都能够在竞争力分析中得到体现），圆圈离圆心的距离代表一个领域内所包含学科的交叉程度和学科的构成权重。单击每一个圆圈（竞争优势），就可以进一步观测其更详细的数据分析，包括：学科构成权重、关键词、发文量涨落、对比机构、主要作者和期刊来源等信息。

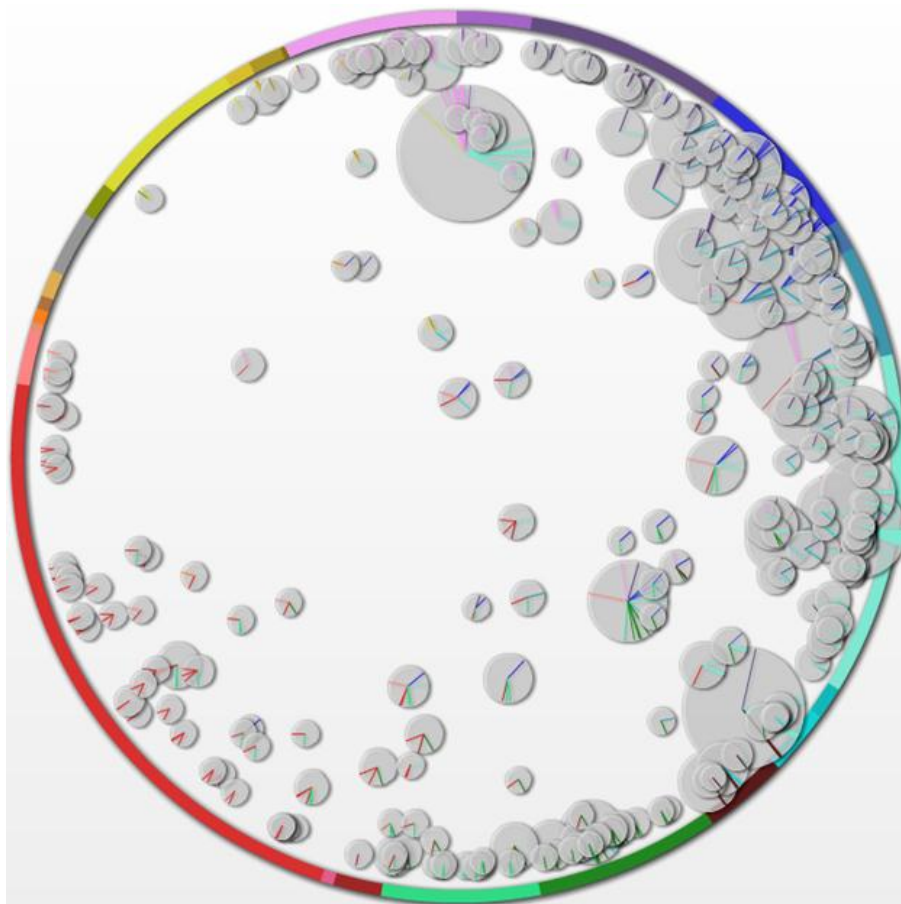


图 4-1 浙大总体竞争优势图（2011-2015）

## 4.2 海洋工程领域顶级科研机构竞争优势分析

### ● 蒙特雷湾水族馆研究所

如图 4-2 所示，为蒙特雷湾水族馆研究所在海洋工程领域的竞争优势 DC#2 的简析。

DC#2 的主要构成学科领域有：水产科学、海洋学、电子电气工程、污染、人工智能等。

该领域的论文情况：在全球范围内的发表数量有所增加，而该机构本身和美国范围内的文章发表数量却有所下降，且该机构本身的发文量下降幅度较大。

主要关键词有：水下自主航行器、海湾、上升流、浮游植物等，推测该竞争优势主要关注的领域为水下航行器及海洋生物技术。

主要发文期刊有：ISME 杂志、实验海洋生物学杂志、地球物理学研究、海



洋技术会议杂志等。

该机构在竞争优势 DC#2 的主要贡献作者有：Ryan J. P., Scholin C. A., Marin R., Harney J. B. J., Zhang Y.等。

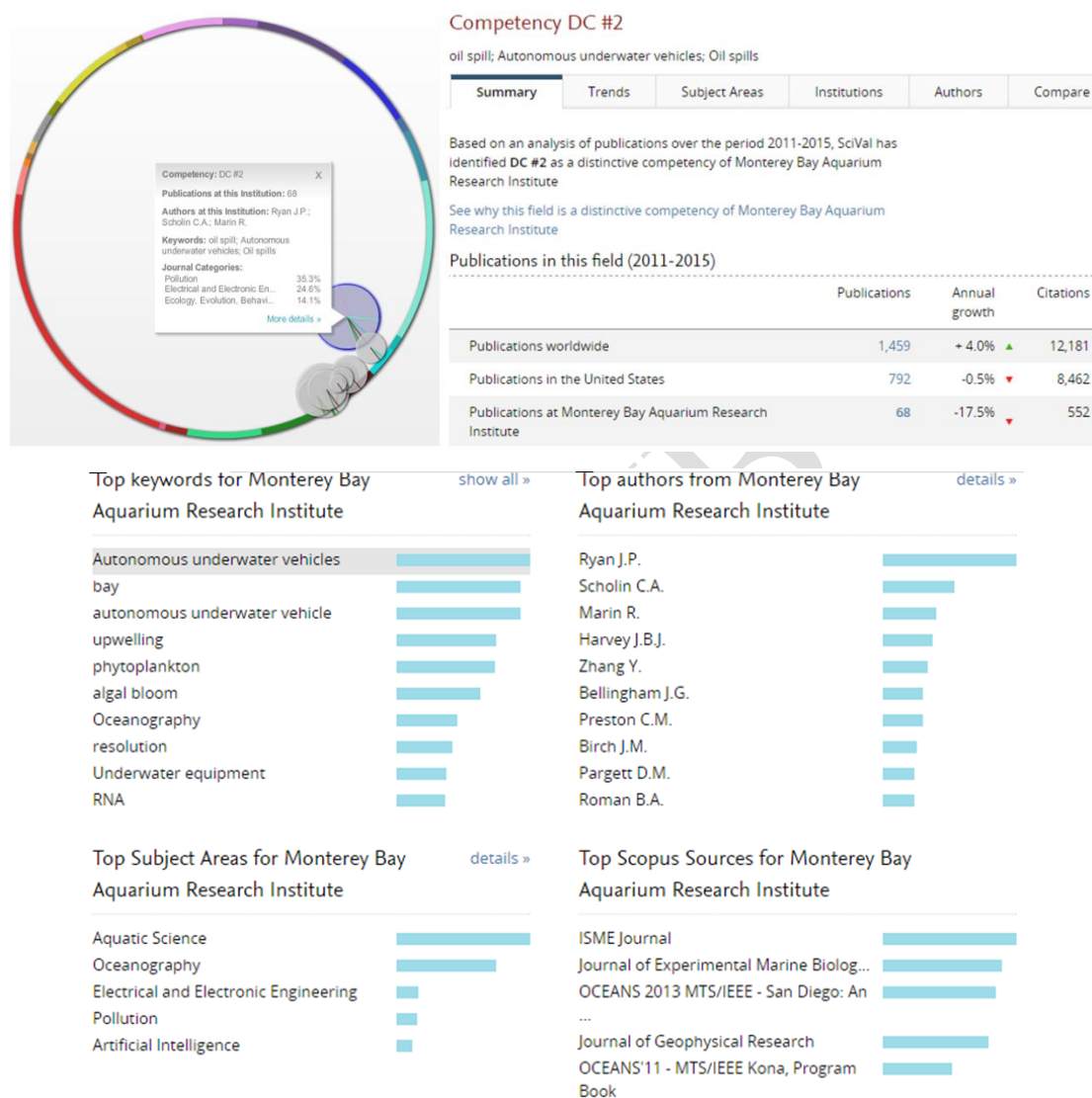


图 4-2 Monterey Bay Aquarium Research Institute 竞争优势 DC#2

如图 4-3 所示，为蒙特雷湾水族馆研究所在海洋工程领域的潜在竞争优势 EC#7 的简析。

EC#7 的构成学科有：海洋工程、环境化学及海洋学，其中海洋工程占优势。

该领域的论文情况：在全球该机构本身和美国范围内的发表数量都有所增加，且该机构本身的发文量增幅很大，达 53.2%。

主要关键词有：海洋酸化、海洋、海水、海洋学、无人遥控潜水器等，推测该潜在竞争优势主要关注的领域为水下航行器及海洋酸化等方向。

主要发文期刊有：IEEE 水下技术会议杂志、深海研究第一部分——海洋研究、湖沼与海洋学公告、石油工程师学会杂志等。

该机构在潜在竞争优势 EC#7 的主要贡献作者有：Kirkwood W.J., Brewer P.G., Peltzer E.T., Walz P.M., Headely K.L.等。

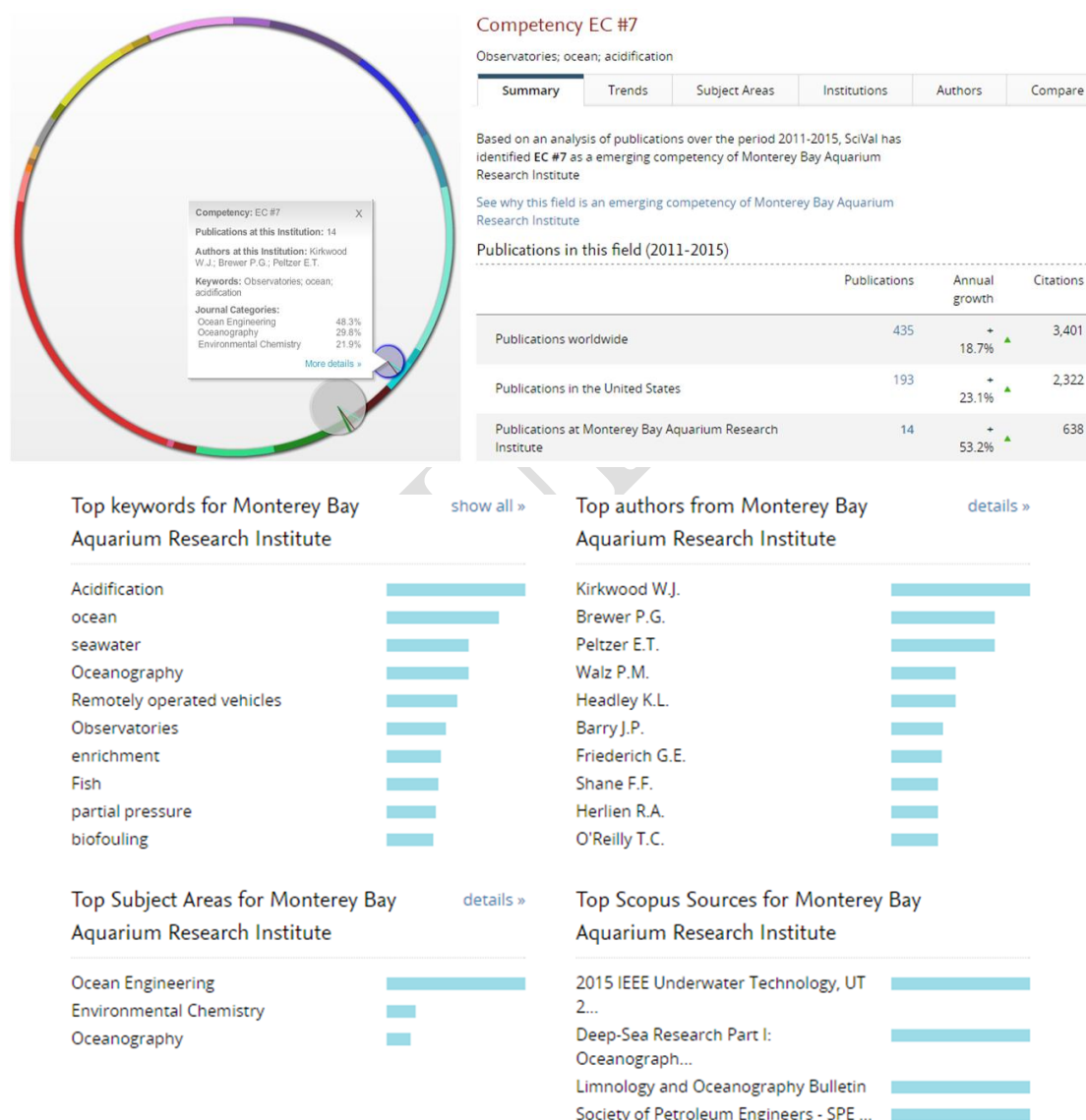


图 4-3 Monterey Bay Aquarium Research Institute 潜在竞争优势 EC#7

● 麻省理工学院

如图 4-4 所示，为麻省理工学院在海洋工程领域的潜在竞争优势 EC#184 的

简析。

EC#184 的构成学科有：海洋工程和水产科学。

该领域的论文情况：在全球该机构本身和美国范围内的发表数量都有所增加，且该机构本身的发文量增幅较大，为 19.4%。

主要关键词有：海浪传播、汽缸、波浪、阻力系数、阵列等，推测该潜在竞争优势关注的领域在于海洋波浪能的开发和应用。

主要发文期刊有：海岸带工程和流体力学杂志。

该机构在潜在竞争优势 EC#184 的主要贡献作者有：Mei C., Nepf H.M., Luhar M., Wang B.。

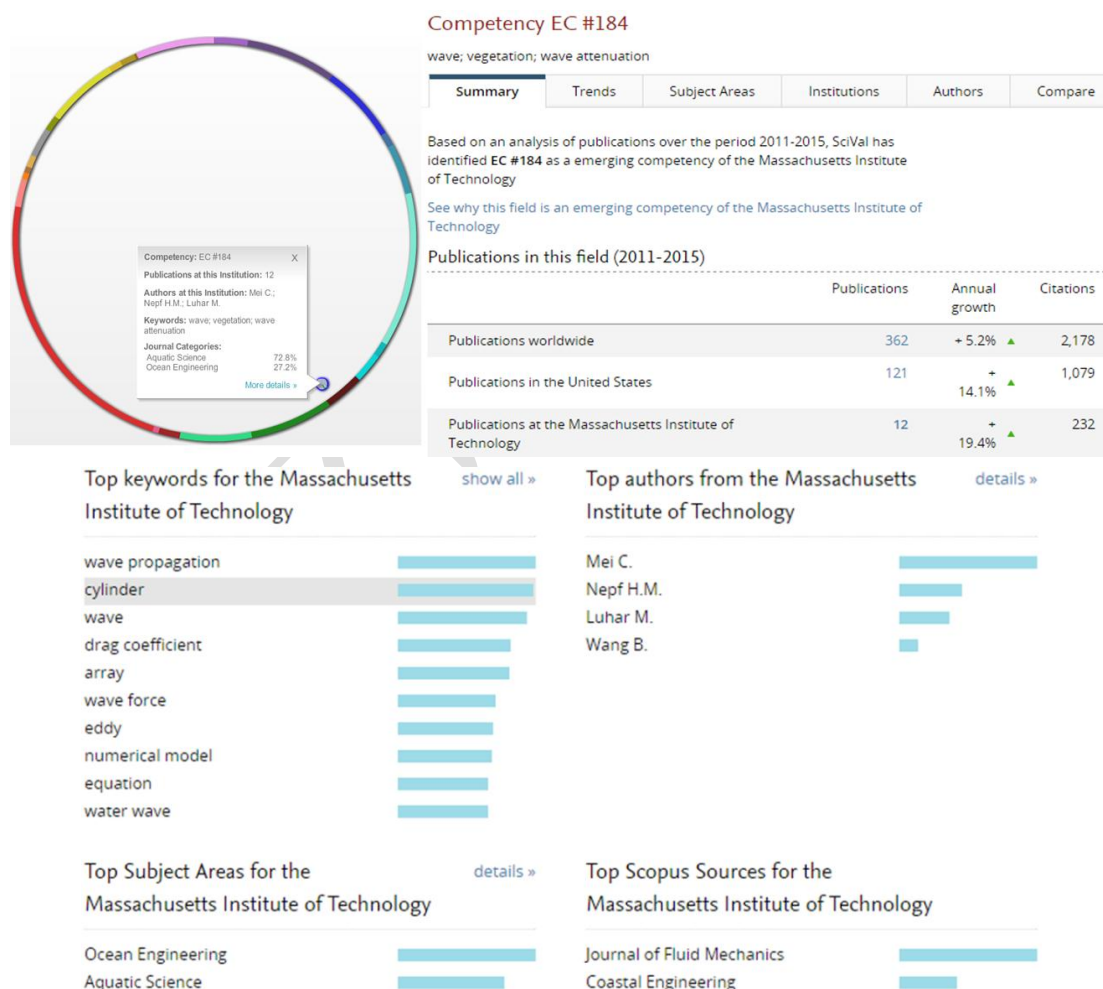


图 4-4 Massachusetts Institute of Technology 潜在竞争优势 EC#184

● 南安普敦大学

南安普敦大学海洋工程相关的竞争优势 DC#1 的简析，如图 4-5 所示，为南安普敦大学的第 1 竞争优势。

DC#1 的主要构成学科领域有：声学 and 超声学、机械工程、航空航天工程、海洋工程、多学科工程等，可见该竞争优势中海洋工程并不占据主导地位。

该领域的论文情况：在全球、该机构本身和美国范围内的文章发表数量都有所下降，且该机构本身的发文量下降幅度并不大，仅 0.2%。

主要关键词有：空气声学、声学、声波、机翼等。

主要发文期刊有：声音和振动杂志、AIAA/CEAS 空气声学会议杂志、美国声学学会杂志等，可见航空航天工程是该竞争优势的主要关注领域。

该机构在竞争优势 DC#1 的主要贡献作者有：Joseph P.F., Sandberg R.D., Elliott S.J., Gabard G., Mace B.R., Ni G.等。

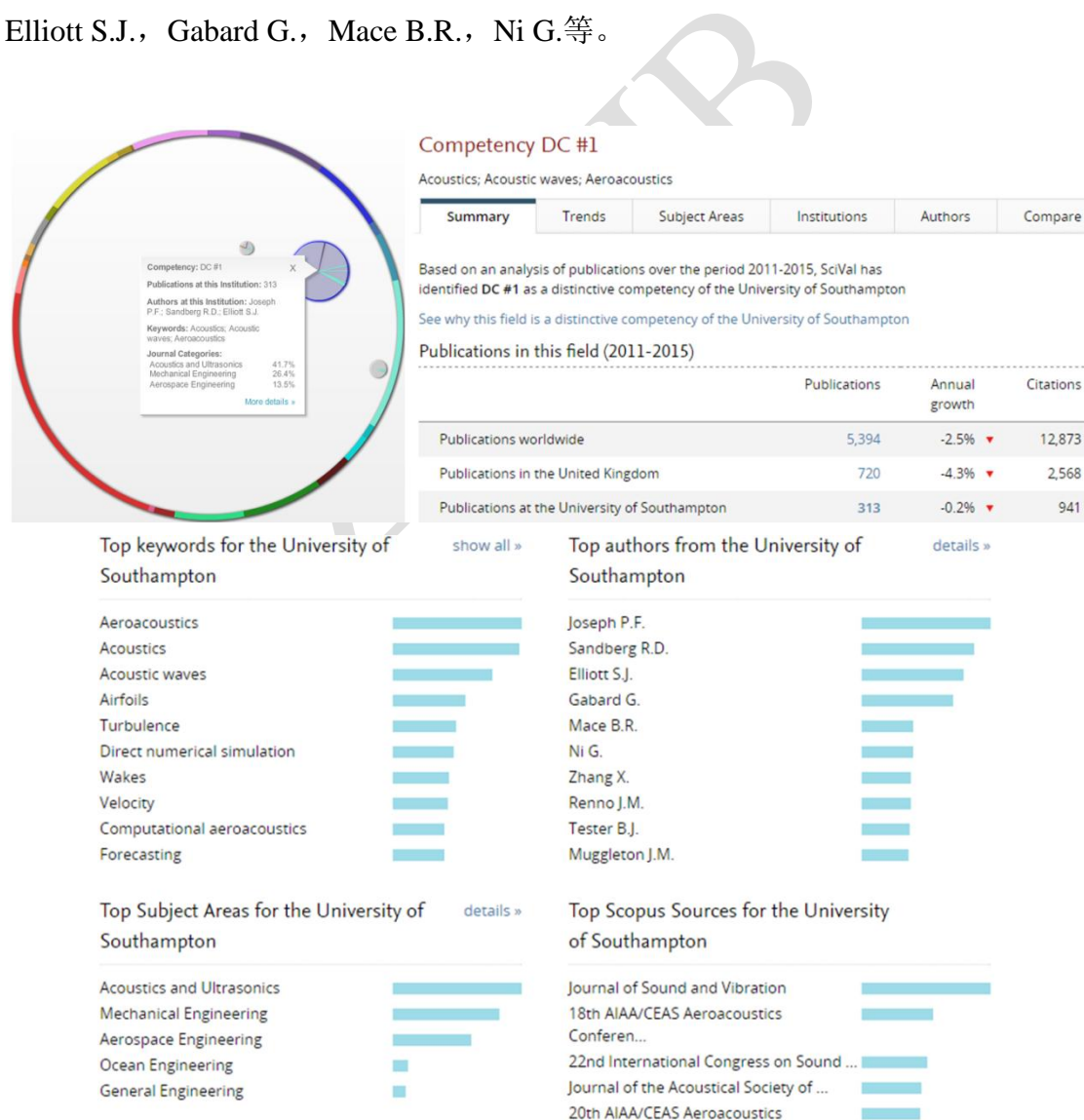


图 4-5 The University of Southampton 竞争优势 DC#1

如图 4-6 所示，位南安普敦大学海洋工程相关的潜在竞争优势 EC#77。

EC#77 的构成学科有：一般牙科、声学 and 超声学、海洋工程、生物医学工程。

该领域的论文情况：在全球和美国范围内的文章发表数量都有所下降，但该机构本身的发文量却有所增加。

主要关键词有：海豚、气泡、靶子、水、声呐等，可见该领域主要关注海洋生物医学技术以及声学等领域。

主要发文期刊有：生物淤积、美国声学杂志、物理化学化学物理等。

该机构在竞争优势 EC#77 的主要贡献作者有：Leighton T.G., White P.R., Chua G., Offin D.G., Brikin P.R.等。

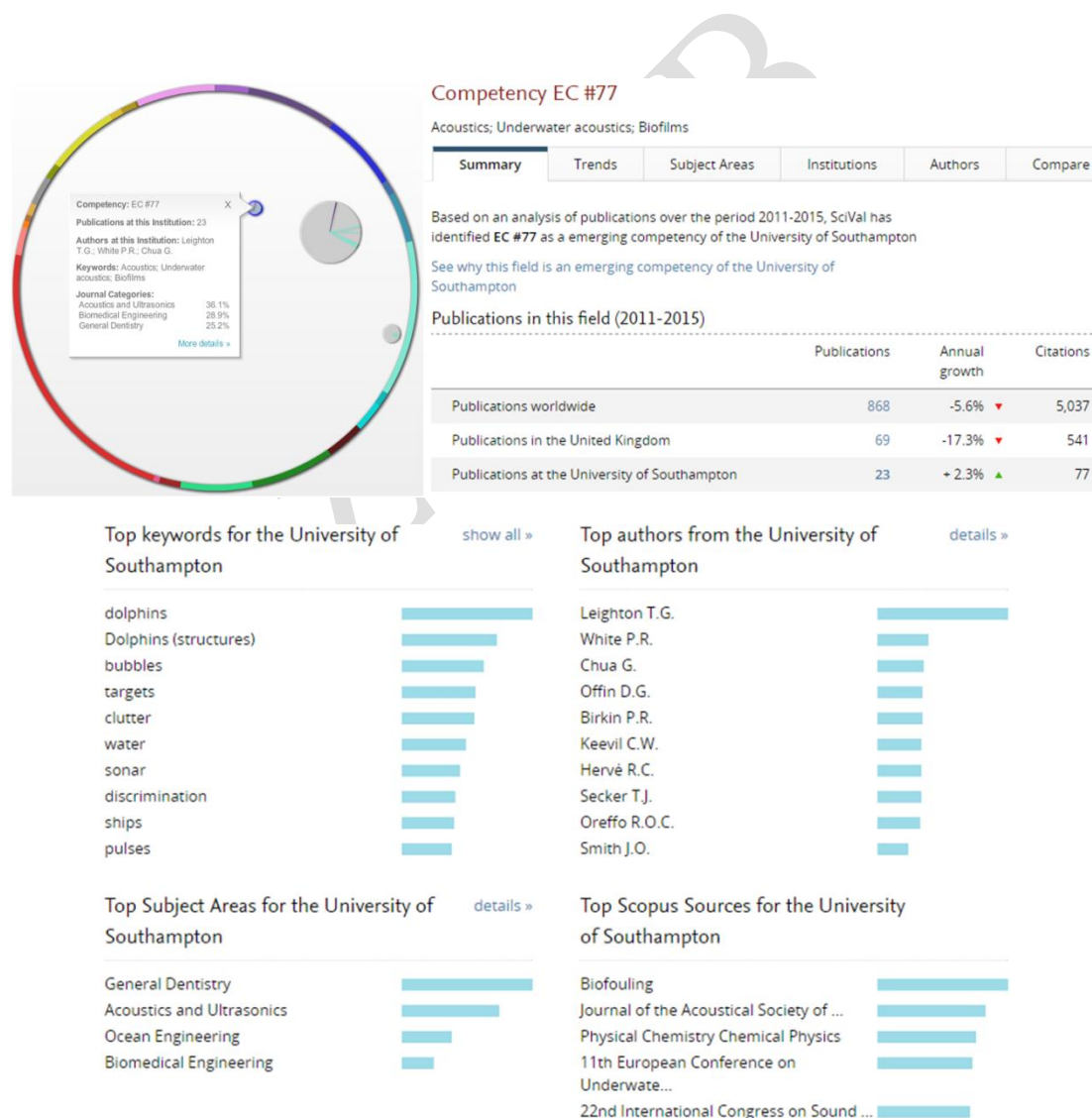


图 4-6 The University of Southampton 潜在竞争优势 EC#77



## ● 伍兹霍尔海洋研究所

伍兹霍尔海洋研究所与海洋工程相关的竞争优势 DC#3 如图 4-7 所示。

DC#3 的主要构成学科有：地球化学和岩石学、地球物理、水产科学等。

该领域的论文情况：在全球范围内的论文数量有所上升，该机构本身和美国范围内的文章发表数量有所下降。

主要关键词有：大洋中脊、地幔、海底、融化、深海热液口等，说明伍兹霍尔海洋研究所在 DC#3 的主要关注领域为海洋地球物理，该竞争优势更偏向于海洋科学领域的研究。

主要发文期刊有：地球化学物理系统、地球与行星科学快报、海洋学杂志、自然地球科学等，由此可见该机构发文的期刊也主要集中在海洋科学与地球科学领域，可能有相关涉及到的工程学研究，但并不是 DC#3 主要的关注领域。

该机构在竞争优势 DC#3 的主要贡献作者有：Germa C.R., Reddy C.M., Behn M.D., Nelson R.K., Seewald J.S.等。

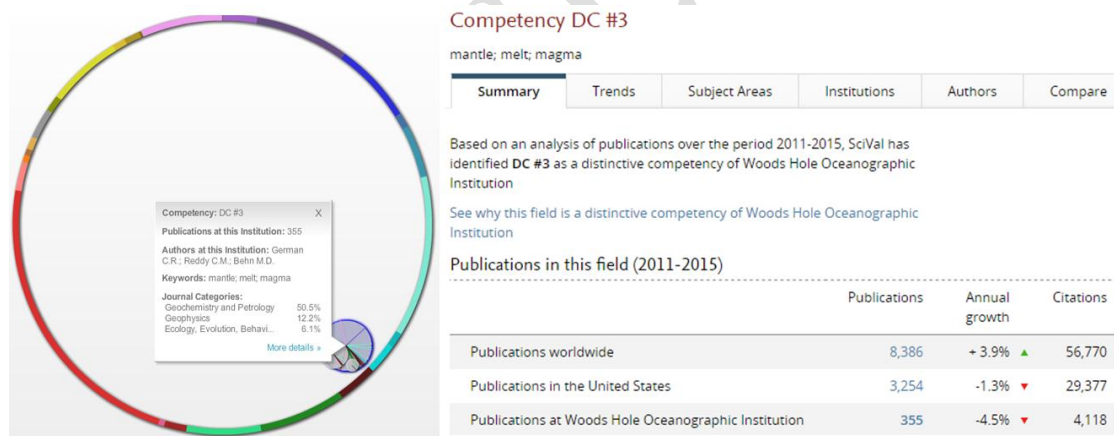




图 4-7 Woods Hole Oceanographic Institution 竞争优势 DC#3

伍兹霍尔海洋研究所与海洋工程相关的竞争优势 DC#7 如图 4-8 示。

DC#7 的主要构成学科有：海洋学、经济学与计量经济学、地质学、海洋工程，其中海洋工程学科所占的比例最低。

该领域的论文情况：在全球范围内的论文数量基本没有变化，未出现涨落现象，在美国范围内的文章发表数量有所下降，而伍兹霍尔海洋研究所本身的论文数量增长幅度较大，达 12.7%。

主要关键词有：波浪、海岸线、洋流、海岸、沉积物迁移、数字模拟等。

主要发文期刊有：地球物理学研究杂志、物理海洋学杂志、大气和海洋技术杂志、地球物理学研究快报等，可见 DC#7 的研究领域还是以海洋地球物理为主，海洋工程领域更偏重于海洋技术的开发。

该机构在竞争优势 DC#7 的主要贡献作者有：Raubenheimer B., Ashton A.D., Elgar S., Lentz S.J., Kirincich A.R. 等。

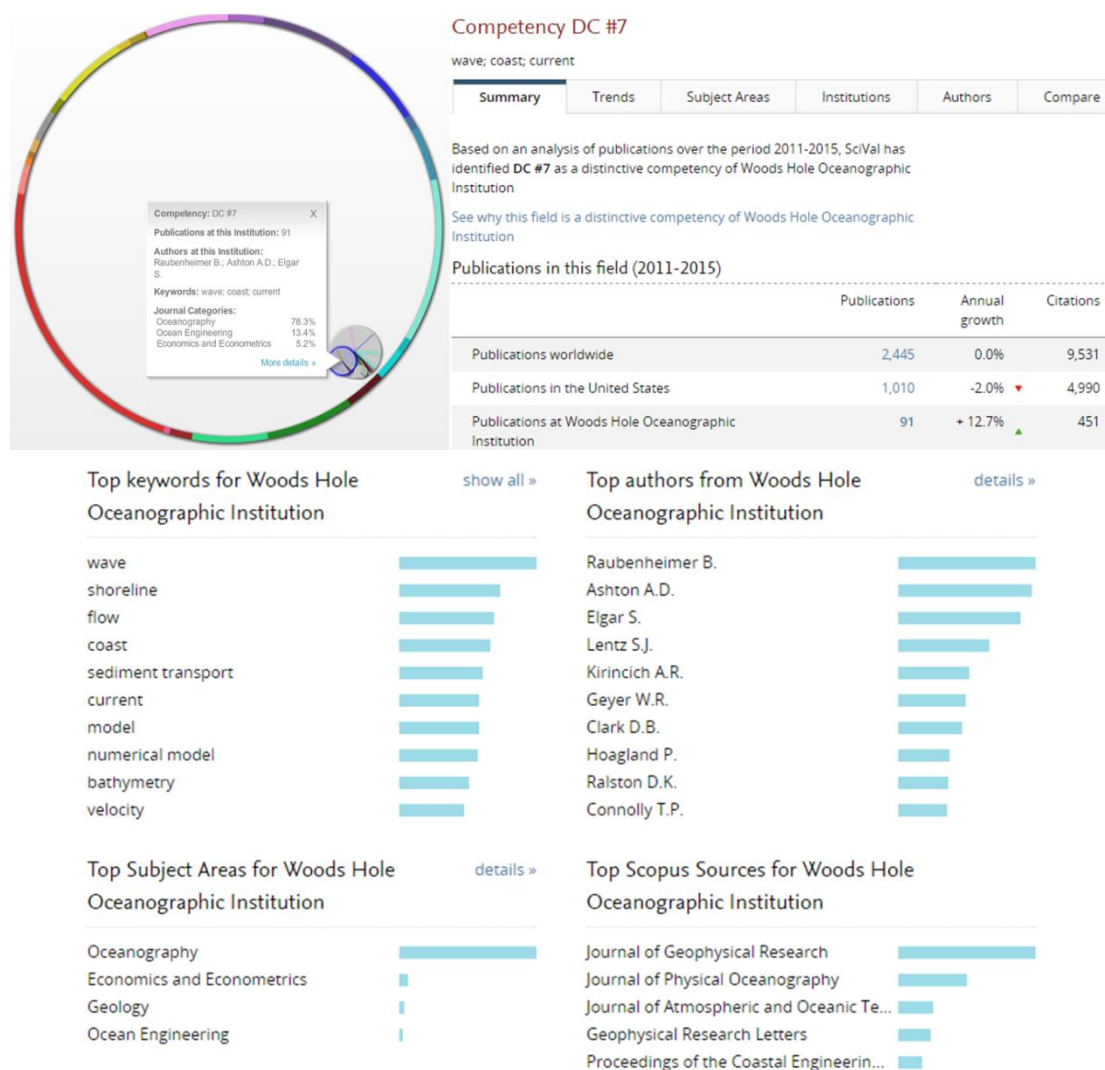


图 4-8 Woods Hole Oceanographic Institution 竞争优势 DC#7

● 英国国家海洋中心

如图 4-9 所示，为英国国家海洋中心竞争优势 DC#1 的简析。

DC#1 的主要构成学科有：海洋学、大气科学、水科学与技术、地球物理、海洋工程等。

该领域的论文情况：在全球范围、英国和机构本身的范围内又有出现小范围的下降，论文数量的下降幅度都不超过 2%。

主要关键词有：海平面、检潮仪、海平面变化、海岸、模型等。

主要发文期刊有：地球物理学研究杂志、大陆架研究、全球和行星变化、海洋动力学、地球物理研究快报等，从论文的主要投稿期刊来看，结合主要关键词，DC#1 的主要关注领域是海洋地球物理和海岸带、大陆架相关的研究。



该机构在竞争优势 DC#1 的主要贡献作者有：Brown J.M., Tsimplis M.N., Woodworth P.L., Hrosburgh K.J., Tamisiea M.E.等。

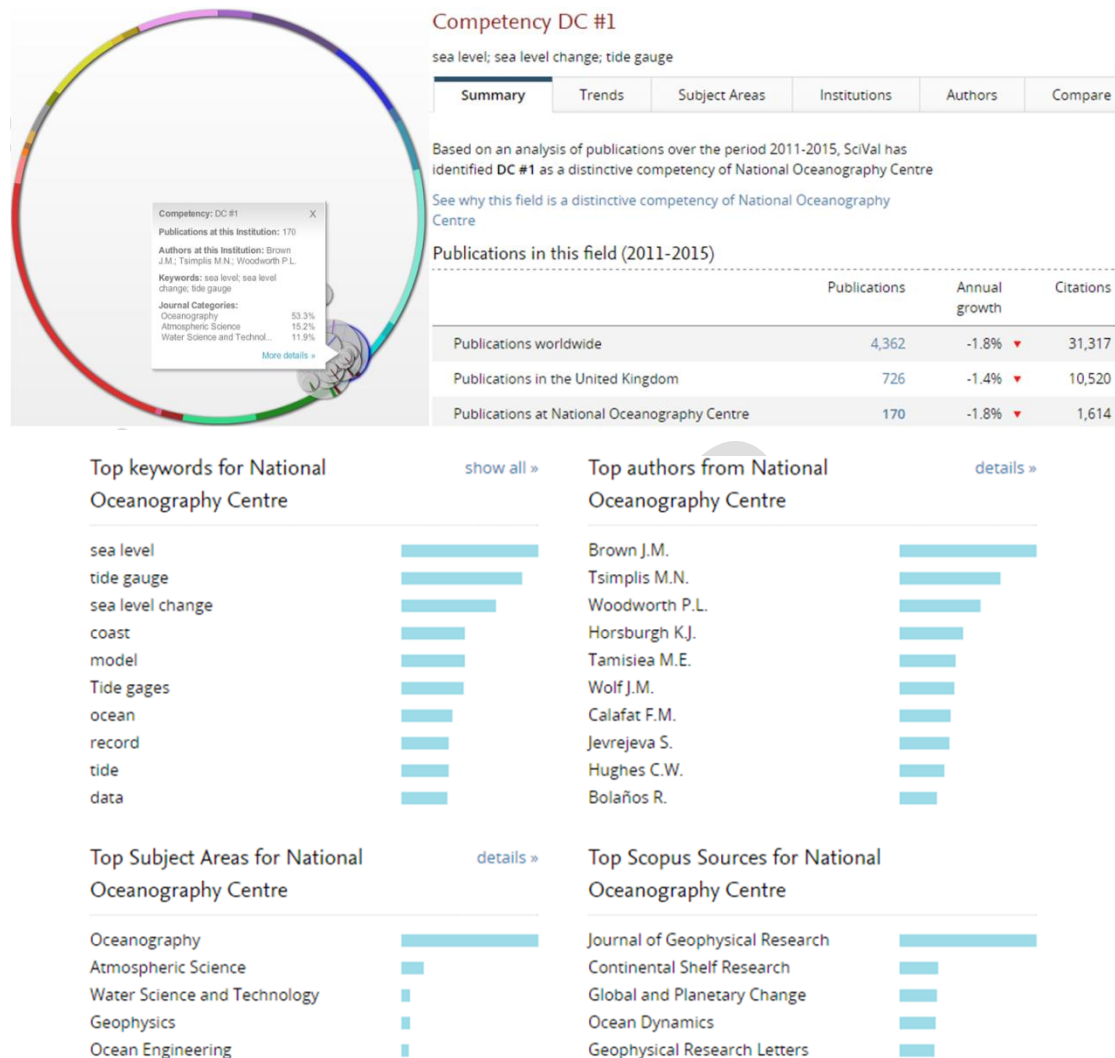


图 4-9 National Oceanography Centre 竞争优势 DC#1

如图 4-10 所示，为英国国家海洋中心竞争优势 DC#3 的简析。

DC#3 的主要构成学科有：海洋学、水产科学、古生物学、海洋工程等。

该领域的论文情况：在全球和英国范围内都有论文数量的上升，而英国国家海洋中心的论文数量则呈现小幅度的下降。

主要关键词有：深海、深度、有孔虫、底栖生物、海底、沉积物、无人遥控潜水器等，可见 DC#3 主要的研究领域为深海海洋生物学，其次是水下机器人等海洋工程领域的内容。

主要发文期刊有：深海研究第一部分和第二部分、海洋生物多样性、PLoS One、生物地球科学等。

该机构在竞争优势 DC#3 的主要贡献作者有：Goodday A.J., Ruhi H.A., Huvenne V.A.I., Jones D.O.B., Billeet D.S.M.等。

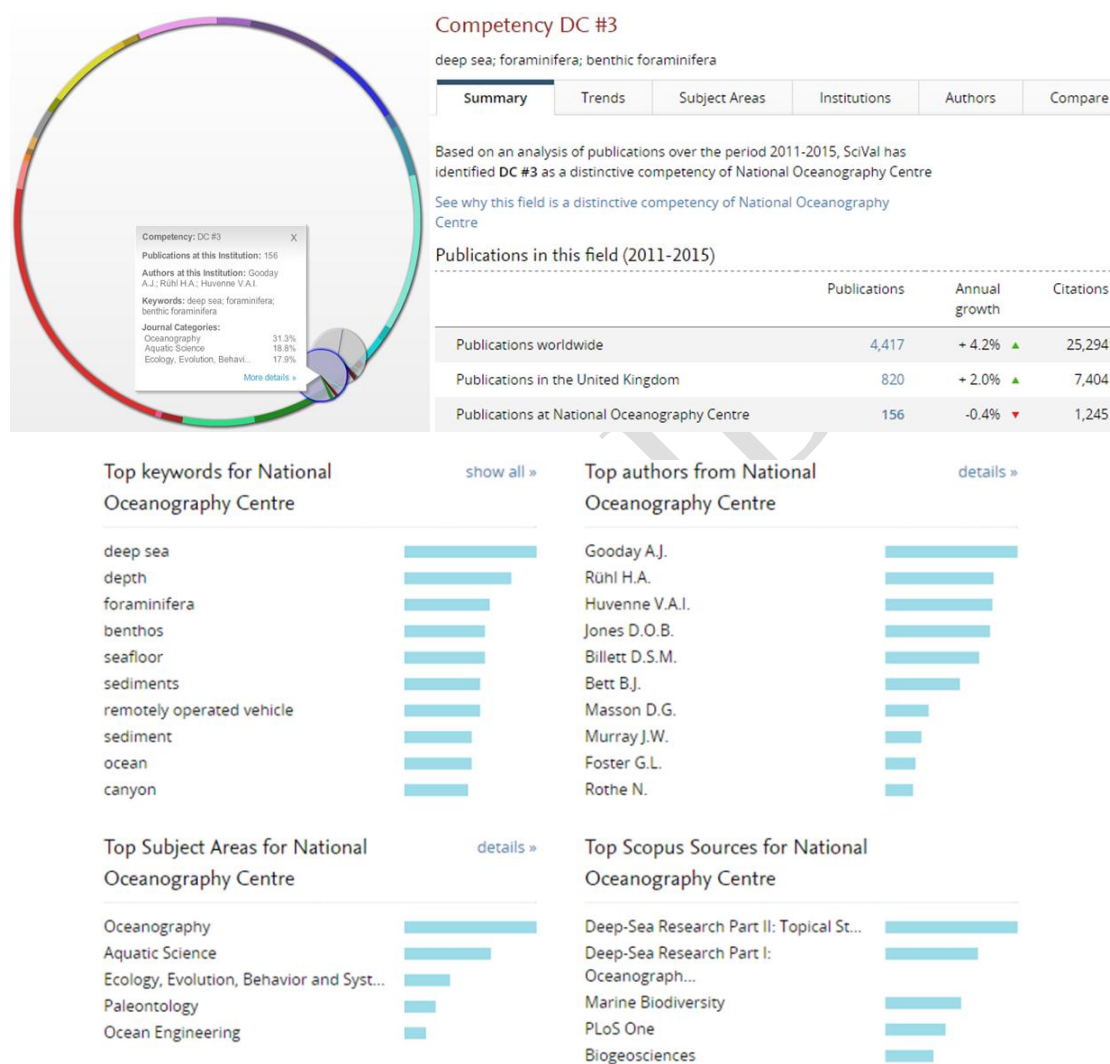


图 4-10 National Oceanography Centre 竞争优势 DC#3

● 维多利亚大学

如图 4-11 所示，为维多利亚大学潜在竞争优势 EC#38 的简析。

EC#38 的构成学科有：天文学和天体物理学、空间与行星科学。

该领域的论文情况：在全球、加拿大和机构本身的范围内都有论文数量的上升，其中加拿大和机构本身的论文数量上升幅度很大。

主要关键词有：星球、星系、金属丰度、矮星系等，与海洋相关的关键词有地震、气水合物等。

主要发文期刊有：皇家天文学会月刊、天体物理学杂志、天文学与天体物理等，可见 EC#38 对海洋领域的关注并不高。

该机构在潜在竞争优势 EC#38 的主要贡献作者有：Navarro J.F., Ellison S.L., Venn K.A., Starkenburg E., Herwig F.等。

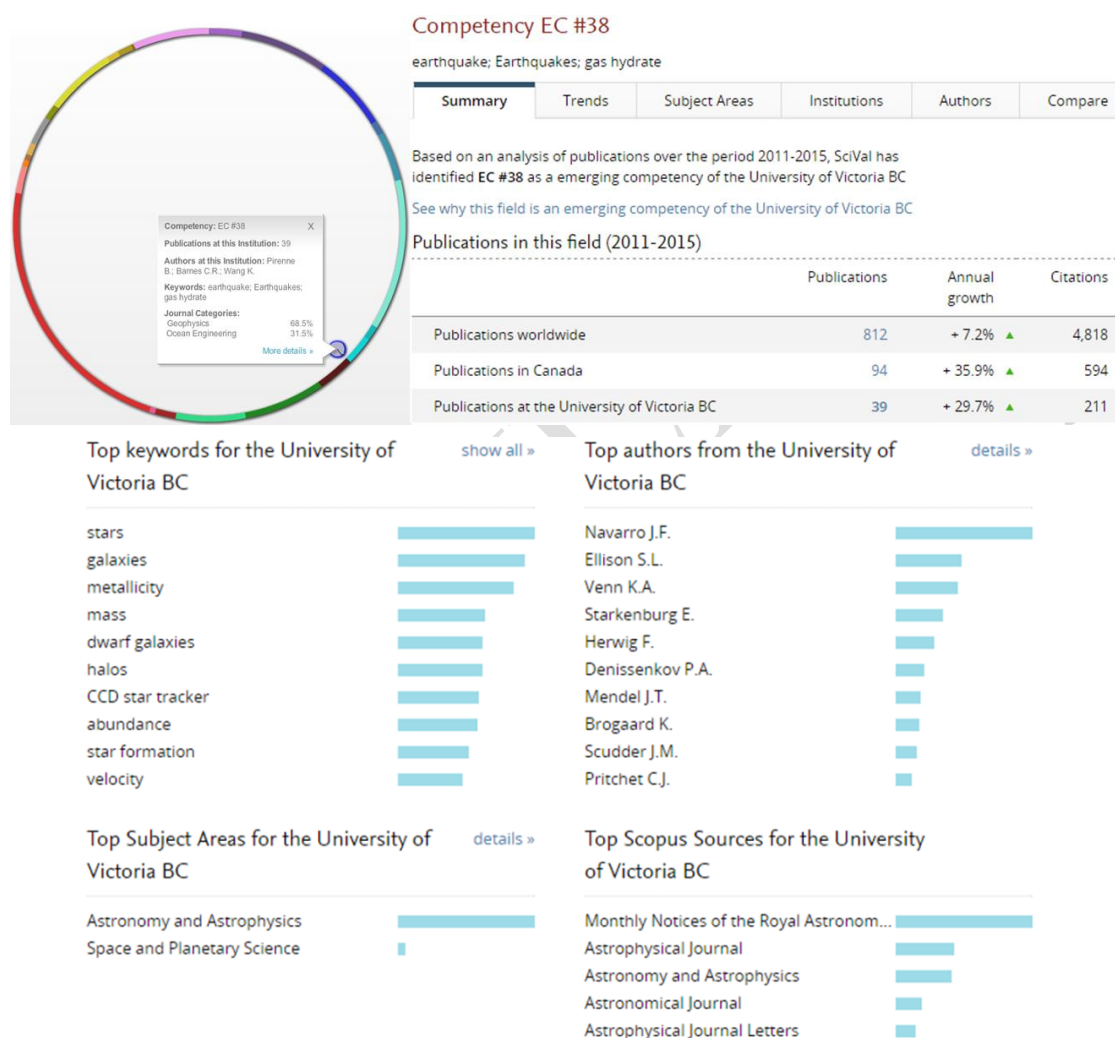


图 4-11 University of Victoria 潜在竞争优势 EC#38

● 华盛顿大学

华盛顿大学竞争优势 DC#17 的简析如图 4-12 所示。

DC#17 的主要构成学科有：海洋学、声学 and 超声学、海洋工程等。

该领域的论文情况：在全球、美国和机构本身的范围内都有论文数量的上升，

其中全球范围内该领域科研产出上升的幅度最大。

主要关键词有：内波、内潮、潮汐、海洋、能量流等。

主要发文期刊有：物理海洋学杂志、地球物理学研究杂志、美国声学学会杂志、海洋学、地球物理学研究快报等，说明竞争优势 DC#17 主要的研究领域为海洋地球物理学中的波浪（能）和潮汐（能）。

该机构在竞争优势 DC#17 的主要贡献作者有：Alford M.H., Thomson J.T., Polagye B.L., Gregg M.C., D’Asaro E.A.等。

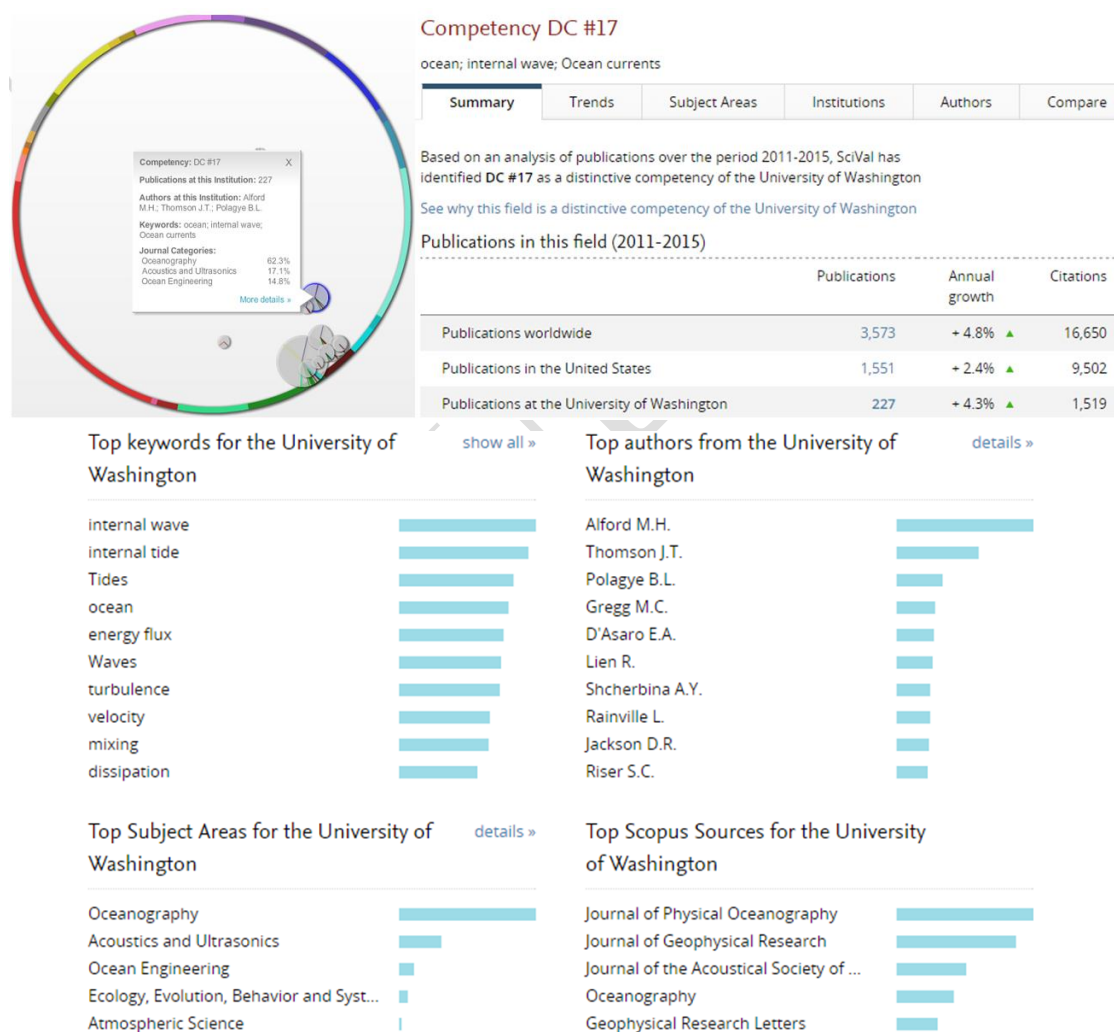


图 4-12 The University of Washington 竞争优势 DC#17

华盛顿大学潜在竞争优势 EC#77 的简析如图 4-13 所示。

EC#77 的主要构成学科领域有：海洋学、生态进化和行为、海洋工程、全球和行星变化等。

该领域的论文情况：在全球、美国和机构本身的范围内都有论文数量的上升，其中美国范围内该领域科研产出上升的幅度最大。

主要关键词有：海洋、溶解氧、海表、生物泵、碳流、混合层等。

主要发文期刊有：全球生物地球化学循环、地球物理学研究杂志、深海研究第一部分、大气和海洋技术杂志、地球物理学研究快报等，由此可见潜在竞争优势 EC#77 的主要研究方向为海洋地球物理和海气交汇的领域。

该机构在潜在竞争优势 EC#77 的主要贡献作者有：Emerson S.R., Quay P., D'Asaro E.A., Lee C., Devol A.H.等。

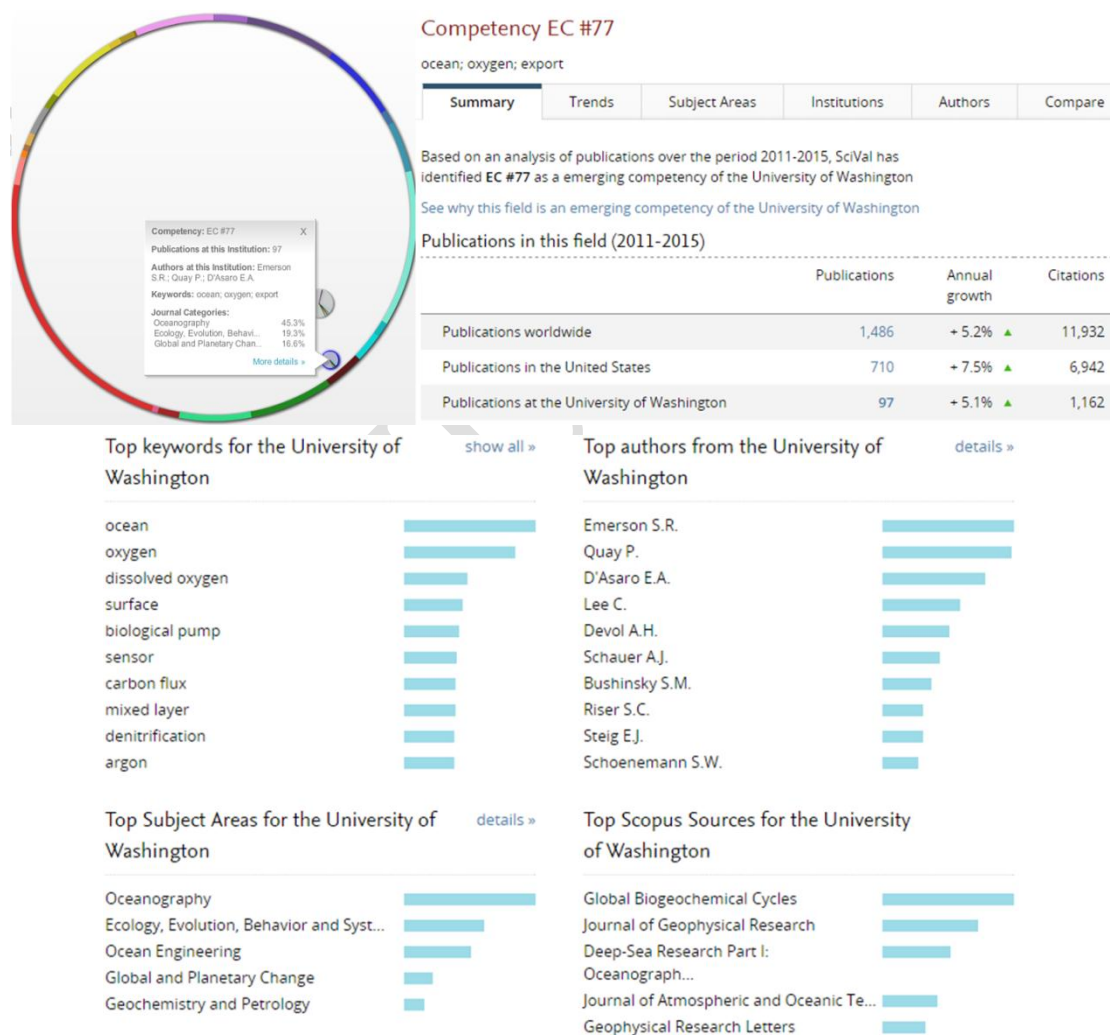


图 4-13 The University of Washington 潜在竞争优势 EC#77

● 罗德岛大学

罗德岛大学潜在竞争优势 EC#16 的简析如图 4-14 所示。



EC#16 的构成学科比较单一，仅海洋工程学一个。

该领域的论文情况：在全球、美国范围内论文的产出量都有所上升，但罗德岛大学本身的文章数量却有所下滑。

主要关键词有：海啸、海浪、火山、布西涅斯克方程、模拟、海底、海岸带工程等。

主要发文期刊为：国际海洋和极地工程研讨会论文集。从主要关键词和发文期刊来看，潜在竞争优势 EC#16 主要的研究领域为海洋自然灾害和海岸带工程。

该机构在潜在竞争优势 EC#16 的主要贡献作者有：Grilli S.T., Harris J.C., Bakhsh T.T.T., Grilli A.R., Baxter C.D.P.等。

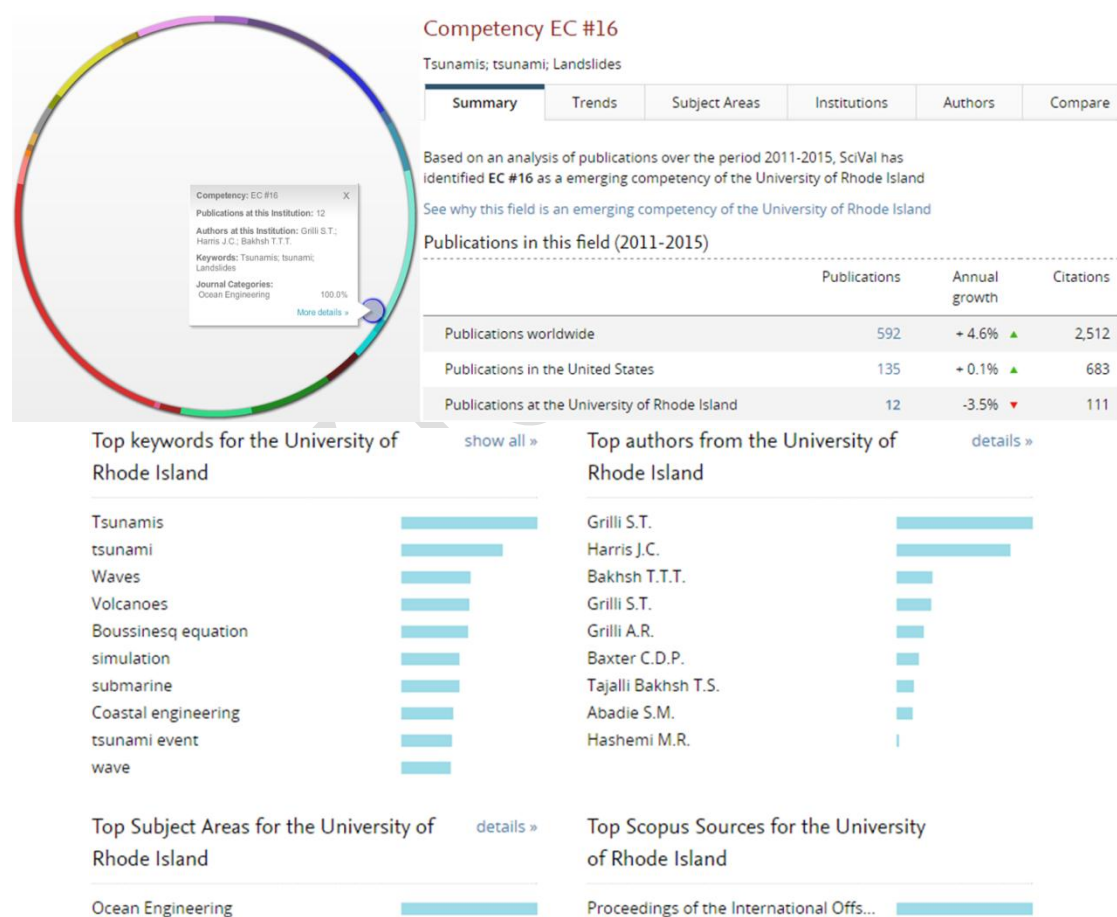


图 4-14 The University of Rhode Island 潜在竞争优势 EC#16

### 4.3 小结

以上 8 所国外顶级科研机构在海洋工程领域方面的主要研究方向可以归结

为以下几类：

水下航潜器研发与技术：涉及该领域的机构有蒙特雷湾水族馆研究所、英国国家海洋中心。

海洋工程技术（主要包括海洋生物技术和水下声学）：蒙特雷湾水族馆研究所、南安普敦大学、伍兹霍尔海洋研究所，其中伍兹霍尔海洋研究所更偏重于海洋科学方向的研究。

波浪潮汐及相关应用：麻省理工学院、华盛顿大学。

海岸带工程：罗德岛大学、英国国家海洋中心。

加拿大维多利亚大学唯一与海洋工程领域有所联系的潜在竞争优势 EC#38 主要的攻克领域为天文学与天体物理，与海洋的关系不大，推测维多利亚大学在海洋工程相关的领域可能竞争力不大，也有可能是 SCOPUS 学科设置的结果导致未能体现出该机构在海洋工程领域的竞争力。

## 5 总结与建议

### 5.1 浙大的发展特征和趋势

科研规模不断扩大：论文作为基础研究成果的主要形式，其数量大体反映了基础研究的产出体量。在文献计量研究中，论文数量常用于测度和表征科研活动的规模。浙大的 SCI 论文数量在 2013 年和 2016 年有两次 50% 以上的增幅，其余年份的年度增长率也大于 10%，可看出浙大科研规模在逐年不断扩大。

学术影响力提升滞后于研究规模扩张：从 2011-2016 年来的发展来看，浙大以 1.09% 的论文世界份额收获了 0.81% 的引文世界份额；SCI 论文数量排名的世界第 12 位次获得了引文数量第 42 的位次；在与全球机构的对比中，浙大在学科规范化的引文影响力、平均百分位等指标中表现较弱，与全球水平也存在一定差距；与国内科研机构的对比中，论文质量也多处于中下水平。

高被引论文仍为“短板”：虽然与全球相比，1% 论文占比不低（1.23%），但高被引论文中进一步区分确属于海洋工程的论文都非浙大第一通讯论文；其他层次论文（10%、25% 等都低于全球平均水平 2-5 个百分位）；若从发文期刊角度分析，浙大发表在 Q1 区期刊的论文比例高于全球平均水平。由此可见，目前在海洋工程领域，不能突破高被引论文的“短板”说明浙大在全球范围内的影响力还不够大，但已经有不少高质量的论文被顶级期刊收录。

国际合作研究仍需大力加强：虽然浙大的国际合作论文份额略高于全球平均水平，但与世界一流研究机构相比，浙大国际合作的强度和力度仍需加强；2011-2016 年，浙大的国际合作份额为 28.98%，明显低于一流研究机构 49.71% 的合作份额。国内的合作基本已经形成了稳定的网络，且国内合作论文的数量和质量与国际合作论文不相上下。

总体而言，浙江大学在海洋工程领域方面，科研产出正在逐年上升，研究规模也在逐步扩大；该领域中，浙大论文的综合质量在国内机构中基本上处于居中的水平，但与中科院等国内顶级科研机构还有较大的差距；而与世界一流科研机构相比，浙大的论文数量不低但论文质量的差距还比较大（高水平论文占比不高），还有很大的提升空间；在合作论文方面，国际间的合作相较于国内合作强度还不



够大。

## 5.2 相关建议

1. 在提升我校自主研究能力的同时，加强国际合作强度：在科技国际化已成为当今科技发展主要趋势的今天，国际合作是发达国家和发展中国家在全球范围内整合资源，寻求提升本国科研竞争力的基本策略之一。虽然自主研究是当今科研工作的主要模式，但大科学计划、大科学装置在推进相关领域发展上所起的积极作用不容忽视。从合作论文绩效来看，无论是海外合作论文还是国内合作论文，绩效都要远高于非合作论文，表现为 CNCI 的大幅提升。因此，建议深化国内外的有效合作，促进高影响力论文的产出。

2. 制定相关政策，鼓励向特定期刊投稿，促进某学科方向的发展，打造突出优势和竞争力。

3. 加强文献检索、投稿技巧、文献管理等培训，提升研究生、博士生等后备力量的科研必备技能。通过文献检索技能的提升，及时捕捉世界科研的主流趋势和相关课题，避免重复他人的研究，同时拓宽科研思路，在与自身研究领域结合的前提下寻求更多的国内或国际间合作，提升科研产出质量和影响力。

4. 在扩大国际合作的同时，加强与国外学术社区的交流互动，鼓励师生们加入 Research Gate\Mendely 等学术社交圈，扩展提升学术影响力的渠道，增加国际合作的几率。

### 利用本报告的一些建议

报告从全球研究和发展趋势以及世界一流研究机构的竞争优势分析角度对当前海洋工程与技术领域的全球研究前沿和热点给予了揭示和展现。建议结合全球趋势和现状（第 1 部分：全球海洋工程与技术领域研究现状及发展态势），立足报告第 2 部分（浙大论文的深度分析），梳理浙大海洋工程与技术领域的现有优势和未来学科发展之生长点，确定优先发展的领域；同时也可以分析当前合作对象的合作质量，挖掘潜在国际合作机会，定位优先合作领域、优先合作机构或学者。

### 5.3 研究局限性说明

由于文献计量方法通常需要依托于某个大型文献数据库（或引文数据库），所以分析结论受该数据库收录范围和收录特征的制约。基于文献计量方法的学科分析报告具有有限的研究目标、特定的研究视角、定量的研究方法、相对有效的研究结论几个特点。

本报告的所有分析内容基于海洋工程与技术领域的 SCI 论文自定义文献集合和 SCOPUS 以机构为单位和学科为限制的收录论文，分析内容难免受检索关键词的主观选择所限而与客观事实存在些许偏差，这对宏观分析（趋势或特征类的研究结论）的影响不大，对微观分析（定量指标的绝对数值）则有直接影响。因此我们需注意分析结论的适用性和局限性，对结论的引用及解读需要慎重，应将定量分析与合理的定性判断结合起来进行最终的决策。

交叉学科评估本身就存在着很多的不确定性和探索性，决定了竞争力分析也具有一定的难度和风险。由于工作组水平所限，报告难免有不足之处，欢迎决策者和科研人员提出宝贵的建议！

## 附录

### 1. 浙大 ESI3%高被引论文

- ① He Xianqiang, Bai Yan, Pan Delu, Huang Ningli, Dong Xu, Chen Jinshun, Chen Chen-Tung Arthur, Cui Qianfang. Using geostationary satellite ocean color data to map the diurnal dynamics of suspended particulate matter in coastal waters. REMOTE SENSING OF ENVIRONMENT, 2015, 13: 225-239.

Web of Science 核心合集中的 "被引频次": 35;

被引频次合计: 39

是否浙大第一/通讯作者: 是 (第一作者的第二单位是海洋学院)

- ② Chen Wu, Huang Alex Q., Li Chushan, Wang Gangyao, Gu Wei. Analysis and Comparison of Medium Voltage High Power DC/DC Converters for Offshore Wind Energy Systems. IEEE TRANSACTIONS ON POWER ELECTRONICS, 2013, 28(4): 2014-2023.

Web of Science 核心合集中的 "被引频次": 33;

被引频次合计: 43

是否浙大第一/通讯作者: 否

## 2. 2014-2016 全球被引次数排名前 42 的机构（海洋工程与技术领域）

名称	排名	Web of Science 论文数	被引频次	篇均被引	学科规范化的引文影响力	平均百分位	国际合作论文	高被引论文百分比	高被引论文数量	国家/地区
Chinese Academy of Sciences	1	352	904	2.57	1.15	65.6	85	1.99	7	CHINA MAINLAND
University of California System	2	171	444	2.6	1.55	58.47	66	1.75	3	USA
National Aeronautics & Space Administration (NASA)	3	111	382	3.44	1.68	48.81	38	0.9	1	USA
Centre National de la Recherche Scientifique (CNRS)	4	171	379	2.22	1.15	61.67	99	0.58	1	FRANCE
University of Plymouth	5	69	373	5.41	2.75	36.17	52	8.7	6	ENGLAND
National Oceanic Atmospheric Admin (NOAA) - USA	6	174	369	2.12	1.56	56.96	54	0	0	USA
Technical University of Denmark	7	112	350	3.13	1.24	54.76	70	2.68	3	DENMARK
United States Department of Energy (DOE)	8	101	313	3.1	1.58	57.04	27	3.96	4	USA
Florida State University System	9	125	273	2.18	1.27	59.78	50	1.6	2	USA
Norwegian University of Science & Technology	10	204	258	1.26	0.83	69.16	70	0.49	1	NORWAY
Goddard Space Flight Center	11	52	230	4.42	2.05	43.14	19	1.92	1	USA
University of Western Australia	12	119	225	1.89	1.18	56.38	51	0	0	AUSTRALIA
National University of Singapore	13	105	214	2.04	1.79	56.26	70	0.95	1	SINGAPORE

名称	排名	Web of Science 论文数	被引频次	篇均被引	学科规范化的引文影响力	平均百分位	国际合作论文	高被引论文百分比	高被引论文数量	国家/地区
NERC Natural Environment Research Council	14	65	207	3.18	1.69	49.09	42	6.15	4	ENGLAND
United States Department of Defense	15	165	206	1.25	0.67	70.71	40	0	0	USA
Shanghai Jiao Tong University	16	224	202	0.9	0.65	74.4	91	0	0	CHINA MAINLAND
NERC National Oceanography Centre	17	52	195	3.75	1.93	45.54	33	7.69	4	ENGLAND
Tsinghua University	18	80	188	2.35	0.99	73.18	20	3.75	3	CHINA MAINLAND
Universidade de Lisboa	19	132	187	1.42	1.54	63.63	47	0.76	1	PORTUGAL
University of Chinese Academy of Sciences	20	89	185	2.08	1.05	64.66	15	2.25	2	CHINA MAINLAND
Instituto Superior Tecnico	21	123	178	1.45	1.49	63.06	39	0.81	1	PORTUGAL
University of Southampton	22	81	174	2.15	1.23	64.19	41	3.7	3	ENGLAND
Delft University of Technology	23	80	173	2.16	1.38	60.04	45	1.25	1	NETHERLANDS
Zhejiang University	24	153	171	1.12	0.63	78.08	48	0.65	1	CHINA MAINLAND
Woods Hole Oceanographic Institution	25	61	169	2.77	1.17	61.26	24	1.64	1	USA
University of Santiago De Compostela	26	38	169	4.45	1.96	45.58	30	7.89	3	SPAIN
Stanford University	27	26	168	6.46	2.9	42.38	13	11.54	3	USA

名称	排名	Web of Science 论文数	被引频次	篇均被引	学科规范化的引文影响力	平均百分位	国际合作论文	高被引论文百分比	高被引论文数量	国家/地区
University System of Georgia	28	47	167	3.55	1.44	59.11	19	4.26	2	USA
University System of Maryland	29	70	166	2.37	1.26	57.59	27	0	0	USA
Massachusetts Institute of Technology (MIT)	30	85	160	1.88	1.02	65.44	38	1.18	1	USA
Beihang University	31	53	155	2.92	1.11	62.31	10	1.89	1	CHINA MAINLAND
Consejo Superior de Investigaciones Cientificas (CSIC)	32	61	155	2.54	0.98	59.86	36	0	0	SPAIN
Pennsylvania Commonwealth System of Higher Education (PCSHE)	33	41	152	3.71	1.7	64.81	18	4.88	2	USA
United States Navy	34	136	151	1.11	0.54	72.66	28	0	0	USA
University of California San Diego	35	72	150	2.08	1.74	60.96	25	1.39	1	USA
Hunan University	36	40	149	3.73	2.17	44.39	22	2.5	1	CHINA MAINLAND
University of South Florida	37	40	148	3.7	2.29	45.24	17	5	2	USA
Georgia Institute of Technology	38	39	147	3.77	1.5	57.89	17	2.56	1	USA
Dalian University of Technology	39	172	147	0.85	0.49	82.31	43	1.16	2	CHINA MAINLAND
Institut de Recherche pour le Developpement (IRD)	40	49	144	2.94	1.24	51.57	32	0	0	FRANCE
Harbin Institute of Technology	41	68	139	2.04	0.72	75	17	1.47	1	CHINA MAINLAND

名称	排名	Web of Science 论文数	被引频次	篇均被引	学科规范化的引文影响力	平均百分位	国际合作论文	高被引论文百分比	高被引论文数量	国家/地区
University of Tokyo	42	61	139	2.28	0.92	75.37	28	1.64	1	JAPAN

(数据源自 2014-2016 年海洋工程领域 SCI 论文)

### 3. 2011-2016 年全球被引频次排名前 20 的学科 (海洋工程与技术领域)

排名	名称	WOS 论文数	学科规范化的引文影响力	被引频次	论文被引百分比	引文影响力	平均百分位	被引次数排名前 1% 的论文百分比	被引次数排名前 10% 的论文百分比	高被引论文百分比	国际合作论文百分比
1	ENGINEERING, OCEAN	6363	0.83	17144	56.09	2.69	65.27	0.79	8.39	0.19	23.87
2	ENGINEERING, CIVIL	5589	0.9	16057	57.63	2.87	67.32	0.32	4.97	0.23	24.26
3	ENERGY & FUELS	2405	1.09	15577	70.6	6.48	62.58	0.58	6.49	2.33	22.41
4	ENVIRONMENTAL SCIENCES	1506	1.21	12751	78.29	8.47	51.51	0.93	13.55	1	31.87
5	ENGINEERING, ENVIRONMENTAL	1129	1.16	9717	79.45	8.61	56.13	0.53	7.35	1.42	30.29
6	OCEANOGRAPHY	3742	0.78	9054	54.33	2.42	74.15	0.16	2.46	0.11	21.83
7	MATERIALS SCIENCE, MULTIDISCIPLINARY	946	1.22	9014	69.24	9.53	57.81	1.27	13.11	2.11	22.09
8	ENGINEERING, ELECTRICAL & ELECTRONIC	1994	1.01	8601	62.64	4.31	59.32	0.95	9.53	0.45	25.13

9	REMOTE SENSING	1553	1.1	8396	71.41	5.41	58.8	0.71	9.98	0.71	32.71
10	ENGINEERING, MARINE	4405	0.75	8213	46.77	1.86	67.91	0.79	8.06	0.09	19.34
11	ENGINEERING, CHEMICAL	1137	1.04	6594	68.25	5.8	60.41	1.14	10.03	1.76	22.96
12	IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY	1142	1.16	6410	74.52	5.61	54.75	0.53	10.95	0.44	33.01
13	CHEMISTRY, PHYSICAL	327	1.78	5637	77.98	17.24	49.55	2.45	18.35	5.2	24.77
14	NANOSCIENCE & NANOTECHNOLOGY	252	1.79	4318	77.38	17.13	49.64	2.38	17.06	4.37	26.98
15	CHEMISTRY, MULTIDISCIPLINARY	252	1.73	4085	73.02	16.21	52.16	1.98	15.48	4.37	25.79
16	METEOROLOGY & ATMOSPHERIC SCIENCES	915	1.14	4022	74.86	4.4	65.07	0.11	4.7	0.22	26.45
17	PHYSICS, APPLIED	380	1.07	3889	65	10.23	64.02	1.32	11.32	2.11	19.74
18	WATER RESOURCES	1209	0.67	3870	61.79	3.2	69.66	0.41	4.96	0.25	23.33
19	ENGINEERING, MECHANICAL	1837	0.55	3791	49.97	2.06	73.12	0.54	4.08	0.22	18.67
20	MECHANICS	918	0.91	3499	65.36	3.81	61.14	0.54	7.95	0.33	23.75

(数据源自 2011-2016 年海洋工程领域 SCI 论文)

#### 4. 几所重要机构的 SCI 发文清单 (2011-2016)

- 华盛顿大学



作者	题目	刊名	被引 次数	发表年份
Motley, Michael R.; Wong, Hin Kei; Qin, Xinsheng; Winter, Andrew O.; Eberhard, Marc O.	Tsunami-Induced Forces on Skewed Bridges	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2016
Powell, Scott W.; Houze, Robert A.; Brodzik, Stella R.	Rainfall-Type Categorization of Radar Echoes Using Polar Coordinate Reflectivity Data	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2016
Hyrkas, Jeremy; Clayton, Sophie; Ribalet, Francois; Halperin, Daniel; Armbrust, E. Virginia; Howe, Bill	Scalable clustering algorithms for continuous environmental flow cytometry	BIOINFORMATICS	0	2016
Yin, Yanling; Liu, Songzuo; Qiao, Gang; Yang, Yue	OFDM Demodulation Using Virtual Time Reversal Processing in Underwater Acoustic Communications	JOURNAL OF COMPUTATIONAL ACOUSTICS	0	2015
Abadi, Shima H.; Wilcock, William S. D.; Tolstoy, Maya; Crone, Timothy J.; Carbotte, Suzanne M.	Sound source localization technique using a seismic streamer and its extension for whale localization during seismic surveys	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Alford, Matthew H.; McGinnis, Tim; Howe, Bruce M.	An Inductive Charging and Real-Time Communications System for Profiling Moorings	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Thorsen, Tyler J.; Fu, Qiang; Newsom, Rob K.; Turner, David D.; Comstock, Jennifer M.	Automated Retrieval of Cloud and Aerosol Properties from the ARM Raman Lidar. Part I: Feature Detection	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2015
Thorsen, Tyler J.; Fu, Qiang	Automated Retrieval of Cloud and Aerosol Properties from the ARM Raman Lidar. Part II: Extinction	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2015

作者	题目	刊名	被引 次数	发表年份
Johnson, Kenneth S.; Plant, Joshua N.; Riser, Stephen C.; Gilbert, Denis	Air Oxygen Calibration of Oxygen Optodes on a Profiling Float Array	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2015
Andrew, Rex K.; White, Andrew W.; Mercer, James A.; Dzieciuch, Matthew A.; Worcester, Peter F.; Colosi, John A. Rouseff, Daniel; Lunkov, Andrey A.	A test of deep water Rytov theory at 284Hz and 107km in the Philippine Sea	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
	Modeling the effects of linear shallow-water internal waves on horizontal array coherence	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Zou, Dapeng; Williams, Kevin L.; Thorsos, Eric I.	Influence of Temperature on Acoustic Sound Speed and Attenuation of Seafloor Sand Sediment	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2015
Zhang, Weibin; Goerlandt, Floris; Montewka, Jakub; Kujala, Pentti	A method for detecting possible near miss ship collisions from AIS data	OCEAN ENGINEERING	1	2015
Munsch, Stuart H.; Cordell, Jeffery R.; Toft, Jason D.	Effects of shoreline engineering on shallow subtidal fish and crab communities in an urban estuary: A comparison of armored shorelines and nourished beaches	ECOLOGICAL ENGINEERING	0	2015
Kargl, Steven G.; Espana, Aubrey L.; Williams, Kevin L.; Kennedy, Jermaine L.; Lopes, Joseph L.	Scattering From Objects at a Water-Sediment Interface: Experiment, High-Speed and High-Fidelity Models, and Physical Insight	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2015
Naik, Puneeta; Wang, Menghua; D'Sa, Eurico J.; Mordy, Calvin W.	Bering Sea optical and biological properties from MODIS	REMOTE SENSING OF ENVIRONMENT	0	2015
Frank, Scott D.; Collis, Jon M.; Odom, Robert I.	Elastic parabolic equation solutions for oceanic T-wave generation and propagation from deep seismic sources	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015

作者	题目	刊名	被引 次数	发表年份
Dahl, Peter H.; Dall'Osto, David R.; Farrell, Dara M.	The underwater sound field from vibratory pile driving	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Brodsky, Peter; Montague, Erika H.; Rush, Stockton	Revolutionary Deep-Sea Vessel: Cyclops Manned Submersible New Series of Versatile Subs Streamlines Costs, Operations	SEA TECHNOLOGY	0	2015
Thomson, Jim; Talbert, Joe; de Klerk, Alex; Brown, Adam; Schwendeman, Mike; Goldsmith, Jarett; Thomas, Julie; Olfe, Corey; Cameron, Grant; Meinig, Christian	Biofouling Effects on the Response of a Wave Measurement Buoy in Deep Water	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Lee, Jin-Hyuk; Reinhall, Per G.; Yoon, Hwan-Sik	Modeling and Characterization of Bio-Inspired Hydro-Acoustic Sensor	JOURNAL OF VIBRATION AND ACOUSTICS-TRANSACTIONS OF THE ASME	0	2015
Arey, Bruce W.; Park, John J.; Mayer, George	Fibrillar organic phases and their roles in rigid biological composites	JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS	0	2015
D'Asaro, Eric	Surface Wave Measurements from Subsurface Floats	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2015
Otero, P.; Banas, N. S.; Ruiz-Villarreal, M.	A surface ocean trajectories visualization tool and its initial application to the Galician coast	ENVIRONMENTAL MODELLING & SOFTWARE	1	2015

作者	题目	刊名	被引 次数	发表年份
McCaffrey, Katherine; Fox-Kemper, Baylor; Hamlington, Peter E.; Thomson, Jim	Characterization of turbulence anisotropy, coherence, and intermittency at a prospective tidal energy site: Observational data analysis	RENEWABLE ENERGY	3	2015
Marston, Timothy M.; Plotnick, Daniel S.	Semiparametric Statistical Stripmap Synthetic Aperture Autofocusing	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	0	2015
Fassbender, Andrea J.; Sabine, Christopher L.; Lawrence-Slavas, Noah; De Carlo, Eric H.; Meinig, Christian; Jones, Stacy Maenner	Robust Sensor for Extended Autonomous Measurements of Surface Ocean Dissolved Inorganic Carbon	ENVIRONMENTAL SCIENCE & TECHNOLOGY	3	2015
Greene, A. D.; Hendricks, P. J.; Gregg, M. C.	Using an ADCP to Estimate Turbulent Kinetic Energy Dissipation Rate in Sheltered Coastal Waters	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Nystuen, Jeffrey A.; Anagnostou, Marios N.; Anagnostou, Emmanouil N.; Papadopoulos, Anastasios	Monitoring Greek Seas Using Passive Underwater Acoustics	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Dong, Sheng; Wang, Nannan; Lu, Hongmin; Tang, Liujuan	Bivariate distributions of group height and length for ocean waves using Copula methods	COASTAL ENGINEERING	2	2015
Joslin, James; Polagye, Brian	Demonstration of Biofouling Mitigation Methods for Long-Term Deployments of Optical Cameras	MARINE TECHNOLOGY SOCIETY JOURNAL	0	2015
Dzikowicz, Benjamin R.; Hefner, Brian T.; Leasko, Robert A.	Underwater Acoustic Navigation Using a Beacon With a Spiral Wave Front	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2015
Schwendeman, Michael; Thomson, Jim	A Horizon-Tracking Method for Shipboard Video Stabilization and Rectification	JOURNAL OF ATMOSPHERIC AND OCEANIC	2	2015

作者	题目	刊名	被引 次数	发表年份
Kolic, Damir; Storch, Richard Lee; Fafandjel, Niksa	TRANSFORMATION OF ADVANCED CONTRACT TYPES FOR THE SHIPBUILDING INDUSTRY WITH RISK ANALYSIS	TECHNOLOGY BRODOGRADNJA	0	2014
Pfister, Catherine A.; Esbaugh, Andrew J.; Frieder, Christina A.; Baumann, Hannes; Bockmon, Emily E.; White, Meredith M.; Carter, Brendan R.; Benway, Heather M.; Blanchette, Carol A.; Carrington, Emily; McClintock, James B.; McCorkle, Daniel C.; McGillis, Wade R.; Mooney, T. Aran; Ziveri, Patrizia	Detecting the Unexpected: A Research Framework for Ocean Acidification	ENVIRONMENTAL SCIENCE & TECHNOLOGY	11	2014
Baumgartner, Mark F.; Stafford, Kathleen M.; Winsor, Peter; StatScewich, Flank; Fratantoni, David M.	Glider-Based Passive Acoustic Monitoring in the Arctic	MARINE TECHNOLOGY SOCIETY JOURNAL	2	2014
Peralta-Ferriz, Cecilia; Morison, James H.; Stalin, Scott E.; Meinig, Christian	Measuring Ocean Bottom Pressure at the North Pole	MARINE TECHNOLOGY SOCIETY JOURNAL	0	2014
Becerik-Gerber, Burcin; Siddiqui, Mohsin K.; Brilakis, Ioannis; El-Anwar, Omar; El-Gohary, Nora; Mahfouz, Tarek; Jog, Gauri M.; Li, Shuai; Kandil, Amr A.	Civil Engineering Grand Challenges: Opportunities for Data Sensing, Information Analysis, and Knowledge Discovery	JOURNAL OF COMPUTING IN CIVIL ENGINEERING	4	2014

作者	题目	刊名	被引 次数	发表年份
Xia, Menglu; Rouseff, Daniel; Ritcey, James A.; Zou, Xiang; Polprasert, Chantri; Xu, Wen	Underwater Acoustic Communication in a Highly Refractive Environment Using SC-FDE	IEEE JOURNAL OF OCEANIC ENGINEERING	3	2014
Espana, Aubrey L.; Williams, Kevin L.; Plotnick, Daniel S.; Marston, Philip L.	Acoustic scattering from a water-filled cylindrical shell: Measurements, modeling, and interpretation	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2014
Dushaw, Brian D.	Assessing the horizontal refraction of ocean acoustic tomography signals using high-resolution ocean state estimates	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2014
Joslin, James; Polagye, Brian; Parker-Stetter, Sandra	Development of a stereo-optical camera system for monitoring tidal turbines	JOURNAL OF APPLIED REMOTE SENSING	0	2014
Law, Kara Lavender; Moret-Ferguson, Skye E.; Goodwin, Deborah S.; Zettler, Erik R.; De Force, Emelia; Kukulka, Tobias; Proskurowski, Giora	Distribution of Surface Plastic Debris in the Eastern Pacific Ocean from an 11-Year Data Set	ENVIRONMENTAL SCIENCE & TECHNOLOGY	36	2014
Kwok, R.; Markus, T.; Morison, J.; Palm, S. P.; Neumann, T. A.; Brunt, K. M.; Cook, W. B.; Hancock, D. W.; Cunningham, G. F.	Profiling Sea Ice with a Multiple Altimeter Beam Experimental Lidar (MABEL)	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2014
Song, H. C.; Howe, Bruce M.; Brown, Michael G.; Andrew, Rex K.	Diversity-based acoustic communication with a glider in deep water (L)	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2014
Ryder, Olivia S.; Ault, Andrew P.; Cahill, John F.; Guasco, Timothy L.	On the Role of Particle Inorganic Mixing State in the Reactive Uptake of N <sub>2</sub> O <sub>5</sub> to Ambient Aerosol Particles	ENVIRONMENTAL SCIENCE & TECHNOLOGY	13	2014

作者	题目	刊名	被引 次数	发表年份
Riedel, Theran P.; Cuadra-Rodriguez, Luis A.; Gaston, Cassandra J.; Fitzgerald, Elizabeth; Lee, Christopher; Prather, Kimberly A.; Bertram, Timothy H.				
Zhao, Zhongxiang; Liu, Bingqing; Li, Xiaofeng	Internal solitary waves in the China seas observed using satellite remote-sensing techniques: a review and perspectives	INTERNATIONAL JOURNAL OF REMOTE SENSING	3	2014
Flowers, Jason J.; Cadkin, Tracey A.; McMahon, Katherine D.	Seasonal bacterial community dynamics in a full-scale enhanced biological phosphorus removal plant	WATER RESEARCH	10	2013
Hanson, M. Bradley; Emmons, Candice K.; Ward, Eric J.; Nystuen, Jeffrey A.; Lammers, Marc O.	Assessing the coastal occurrence of endangered killer whales using autonomous passive acoustic recorders	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2013
Marchand, Roger; Mace, Gerald G.; Hallar, A. Gannet; McCubbin, Ian B.; Matrosov, Sergey Y.; Shupe, Matthew D.	Enhanced Radar Backscattering due to Oriented Ice Particles at 95 GHz during StormVEx	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2013
Chandrayadula, Tarun K.; Colosi, John A.; Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.; Andrew, Rex K.; Howe, Bruce M.	Observations and transport theory analysis of low frequency, acoustic mode propagation in the Eastern North Pacific Ocean	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2013
Colosi, John A.; Van Uffelen, Lora J.; Cornuelle, Bruce D.; Dzieciuch, Matthew A.; Worcester, Peter F.;	Observations of sound-speed fluctuations in the western Philippine Sea in the spring of 2009	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	5	2013

作者	题目	刊名	被引 次数	发表年份
Dushaw, Brian D.; Ramp, Steven R. Heaney, Kevin D.; Campbell, Richard L.; Murray, James J.; Baggeroer, Arthur B.; Scheer, Eddie K.; Stephen, Ralph A.; D'Spain, Gerald L.; Mercer, James A.	Deep water towed array measurements at close range	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2013
Freeman, Simon E.; D'Spain, Gerald L.; Lynch, Stephen D.; Stephen, Ralph A.; Heaney, Kevin D.; Murray, James J.; Baggeroer, Arthur B.; Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.	Estimating the horizontal and vertical direction-of-arrival of water-borne seismic signals in the northern Philippine Sea	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2013
Stephen, Ralph A.; Bolmer, S. Thompson; Udovydchenkov, Ilya A.; Worcester, Peter F.; Dzieciuch, Matthew A.; Andrew, Rex K.; Mercer, James A.; Colosi, John A.; Howe, Bruce M.	Deep seafloor arrivals in long range ocean acoustic propagation	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2013
Chandrayadula, Tarun K.; Wage, Kathleen E.; Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.; Andrew, Rex K.; Howe, Bruce M.	Reduced rank models for travel time estimation of low order mode pulses	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2013
White, Andrew W.; Andrew, Rex K.; Mercer, James A.; Worcester, Peter F.; Dzieciuch, Matthew A.; Colosi, John A.	Wavefront intensity statistics for 284-Hz broadband transmissions to 107-km range in the Philippine Sea: Observations and modeling	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	3	2013
Worcester, Peter F.; Dzieciuch, Matthew	The North Pacific Acoustic Laboratory deep-water	JOURNAL OF THE	7	2013



作者	题目	刊名	被引 次数	发表年份
A.; Mercer, James A.; Andrew, Rex K.; Dushaw, Brian D.; Baggeroer, Arthur B.; Heaney, Kevin D.; D'Spain, Gerald L.; Colosi, John A.; Stephen, Ralph A.; Kemp, John N.; Howe, Bruce M.; Van Uffelen, Lora J.; Wage, Kathleen E.	acoustic propagation experiments in the Philippine Sea	ACOUSTICAL SOCIETY OF AMERICA		
Udovydchenkov, Ilya A.; Brown, Michael G.; Duda, Timothy F.; Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.; Andrew, Rex K.; Howe, Bruce M.; Colosi, John A.	Weakly dispersive modal pulse propagation in the North Pacific Ocean	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2013
Neary, V. S.; Gunawan, B.; Sale, D. C.	Turbulent inflow characteristics for hydrokinetic energy conversion in rivers	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	6	2013
Joslin, James; Polagye, Brian	Stereo-Optical Imaging For Monitoring Hydrokinetic Turbines Characterizing Environmental Impacts of Marine Renewable Energy	SEA TECHNOLOGY	0	2013
Dahl, Peter H.; Plant, William J.; Dall'Osto, David R.	Vertical coherence and forward scattering from the sea surface and the relation to the directional wave spectrum	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2013
Heide-Jorgensen, Mads Peter; Burt, Louise M.; Hansen, Rikke Guldborg; Nielsen, Nynne Hjort; Rasmussen, Marianne; Fossette, Sabrina; Stern,	The Significance of the North Water Polynya to Arctic Top Predators	AMBIO	1	2013

作者	题目	刊名	被引 次数	发表年份
Harry D'Asaro, Eric A.; McNeil, Craig	Calibration and Stability of Oxygen Sensors on Autonomous Floats	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	9	2013
Webster, Sarah E.; Walls, Jeffrey M.; Whitcomb, Louis L.; Eustice, Ryan M.	Decentralized Extended Information Filter for Single-Beacon Cooperative Acoustic Navigation: Theory and Experiments	IEEE TRANSACTIONS ON ROBOTICS	15	2013
Palodichuk, Michael; Polagye, Brian; Thomson, Jim	Resource Mapping at Tidal Energy Sites	IEEE JOURNAL OF OCEANIC ENGINEERING	5	2013
Dall'Osto, David R.; Dahl, Peter H.	Elliptical acoustic particle motion in underwater waveguides	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2013
Dahl, Peter H.; Reinhall, Per G.	Beam forming of the underwater sound field from impact pile driving	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	3	2013
Foltz, Gregory R.; Evan, Amato T.; Freitag, H. Paul; Brown, Sonya; McPhaden, Michael J.	Dust Accumulation Biases in PIRATA Shortwave Radiation Records	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	6	2013
Howe, Bill; Halperin, Daniel; Ribalet, Francois; Chitnis, Sagar; Armbrust, E. Virginia	Collaborative Science Workflows in SQL	COMPUTING IN SCIENCE & ENGINEERING	0	2013
Frank, Scott D.; Odom, Robert I.; Collis, Jon M.	Elastic parabolic equation solutions for underwater acoustic problems using seismic sources	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	6	2013

作者	题目	刊名	被引 次数	发表年份
Matsumoto, Haru; Jones, Christopher; Klinck, Holger; Mellinger, David K.; Dziak, Robert P.; Meinig, Christian	Tracking beaked whales with a passive acoustic profiler float	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2013
Weirathmueller, Michelle J.; Wilcock, William S. D.; Soule, Dax C.	Source levels of fin whale 20 Hz pulses measured in the Northeast Pacific Ocean	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	9	2013
Vasan, Vishal; Deconinck, Bernard	The inverse water wave problem of bathymetry detection	JOURNAL OF FLUID MECHANICS	4	2013
Bassett, Christopher; Polagye, Brian; Holt, Marla; Thomson, Jim	A vessel noise budget for Admiralty Inlet, Puget Sound, Washington (USA)	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	11	2012
Thomson, Jim	Wave Breaking Dissipation Observed with "SWIFT" Drifters	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	22	2012
Udovydchenkov, Ilya A.; Stephen, Ralph A.; Duda, Timothy F.; Bolmer, S. Thompson; Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.; Andrew, Rex K.; Howe, Bruce M.	Bottom interacting sound at 50 km range in a deep ocean environment	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2012
Meinig, Christian; Steele, Michael; Wood, Kevin	Taking the Temperature Of the Arctic With UMVs	SEA TECHNOLOGY	0	2012
Matrosov, Sergey Y.; Mace, Gerald G.; Marchand, Roger; Shupe, Matthew D.; Hallar, Anna G.; McCubbin, Ian B.	Observations of Ice Crystal Habits with a Scanning Polarimetric W-Band Radar at Slant Linear Depolarization Ratio Mode	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	15	2012

作者	题目	刊名	被引 次数	发表年份
Hutchins, Michael L.; Holzworth, Robert H.; Rodger, Craig J.; Brundell, James B.	Far-Field Power of Lightning Strokes as Measured by the World Wide Lightning Location Network	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	26	2012
Elgar, Steve; Raubenheimer, Britt; Thomson, Jim; Moulton, Melissa	Resonances in an Evolving Hole in the Swash Zone	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	0	2012
Thomson, Jim; Polagye, Brian; Durgesh, Vibhav; Richmond, Marshall C.	Measurements of Turbulence at Two Tidal Energy Sites in Puget Sound, WA	IEEE JOURNAL OF OCEANIC ENGINEERING	38	2012
Kargl, Steven G.; Williams, Kevin L.; Thorsos, Eric I.	Synthetic Aperture Sonar Imaging of Simple Finite Targets	IEEE JOURNAL OF OCEANIC ENGINEERING	3	2012
Udovydchenkov, Ilya A.; Brown, Michael G.; Duda, Timothy F.; Mercer, James A.; Andrew, Rex K.; Worcester, Peter F.; Dzieciuch, Matthew A.; Howe, Bruce M.; Colosi, John A.	Modal analysis of the range evolution of broadband wavefields in the North Pacific Ocean: Low mode numbers	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	5	2012
Klinck, Holger; Mellinger, David K.; Klinck, Karolin; Bogue, Neil M.; Luby, James C.; Jump, William A.; Shilling, Geoffrey B.; Litchendorf, Trina; Wood, Angela S.; Schorr, Gregory S.; Baird, Robin W.	Near-Real-Time Acoustic Monitoring of Beaked Whales and Other Cetaceans Using a Seaglider (TM)	PLOS ONE	12	2012
Po-Chedley, Stephen; Fu, Qiang	A Bias in the Midtropospheric Channel Warm Target Factor on the NOAA-9 Microwave Sounding Unit	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	9	2012

作者	题目	刊名	被引 次数	发表年份
Dzikowicz, Benjamin R.; Hefner, Brian T.	A spiral wave front beacon for underwater navigation: Transducer prototypes and testing	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2012
Tang, Dajun; Hefner, Brian T.	Modeling interface roughness scattering in a layered seabed for normal-incident chirp sonar signals	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2012
Allan, Jonathan; Martin, David L.; Newton, Jan	Using Social Networking, Mobile Apps To Distribute Tsunami Hazard Information	SEA TECHNOLOGY	0	2012
Ivakin, A. N.	Sound Scattering by the Seafloor: Results of Recent Theoretical and Experimental Research	ACOUSTICAL PHYSICS	5	2012
Salin, B. M.; Salin, M. B.; Spindel, R. C.	Calculation of the Reverberation Spectrum for Doppler-Based Sonar	ACOUSTICAL PHYSICS	5	2012
Ravens, Thomas M.; Jones, Benjamin M.; Zhang, Jinlin; Arp, Christopher D.; Schmutz, Joel A.	Process-Based Coastal Erosion Modeling for Drew Point, North Slope, Alaska	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	7	2012
Hefner, Brian T.; Dzikowicz, Benjamin R.	Acoustic propagation from a spiral wave front source in an ocean environment	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2012
Dall'Osto, David R.; Dahl, Peter H.; Choi, Jee Woong	Properties of the acoustic intensity vector field in a shallow water waveguide	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	4	2012
Li, Bo; Brett, Michael T.	The impact of alum based advanced nutrient removal processes on phosphorus bioavailability	WATER RESEARCH	14	2012
Wang, Chau-Chang; Tang, Dajun	APPLICATION OF UNDERWATER LASER	JOURNAL OF MARINE	0	2012

作者	题目	刊名	被引 次数	发表年份
	SCANNING FOR SEAFLOOR SHELL FRAGMENTS CHARACTERIZATION	SCIENCE AND TECHNOLOGY-TAIWAN		
McUSIC, Andrew C.; Lamba, Deepak A.; Reh, Thomas A.	Guiding the morphogenesis of dissociated newborn mouse retinal cells and hES cell-derived retinal cells by soft lithography-patterned microchannel PLGA scaffolds	BIOMATERIALS	22	2012
Yang, Jie; Jackson, Darrell R.; Tang, Dajun	Mid-frequency geoacoustic inversion using bottom loss data from the Shallow Water 2006 Experiment	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	3	2012
Afanasyev, Y. D.; O'Leary, S.; Rhines, P. B.; Lindahl, E.	On the origin of jets in the ocean	GEOPHYSICAL AND ASTROPHYSICAL FLUID DYNAMICS	13	2012
Frajka-Williams, Eleanor; Eriksen, Charles C.; Rhines, Peter B.; Harcourt, Ramsey R.	Determining Vertical Water Velocities from Seaglider	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	10	2011
Jacobson, Abram R.; Holzworth, Robert H.; McCarthy, Michael P.; Pfaff, Robert F.	Initial Studies with the Lightning Detector on the C/NOFS Satellite, and Cross Validation with WLLN	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2011
Rambo, Joshua; Lai, Chun-Ta; Farlin, James; Schroeder, Matt; Bible, Ken	On-Site Calibration for High Precision Measurements of Water Vapor Isotope Ratios Using Off-Axis Cavity-Enhanced Absorption Spectroscopy	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	13	2011
Trossman, David S.; Thompson, LuAnne; Hautala, Susan L.	Application of Thin-Plate Splines in Two Dimensions to Oceanographic Tracer Data	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2011
Levin-Edens, Emily; Bonilla, Natasha;	Survival of environmental and clinical strains of	WATER RESEARCH	10	2011

作者	题目	刊名	被引 次数	发表年份
Meschke, J. Scott; Roberts, Marilyn C.	methicillin-resistant Staphylococcus aureus [MRSA] in marine and fresh waters			
Storch, Richard Lee; Lim, Sanggyu; Kwon, Chi-Myung	Impact of Customization on Delivery Schedules	JOURNAL OF SHIP PRODUCTION AND DESIGN	0	2011
Polprasert, Chantri; Ritcey, James A.; Stojanovic, Milica	Capacity of OFDM Systems Over Fading Underwater Acoustic Channels	IEEE JOURNAL OF OCEANIC ENGINEERING	15	2011
Roberts, Paul Leo Drinkwater; Steinbuck, Jonah V.; Jaffe, Jules S.; Horner-Devine, Alexander R.; Franks, Peter J. S.; Simonet, Fernando	Estimation of In Situ 3-D Particle Distributions From a Stereo Laser Imaging Profiler	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2011
Cheung, Kwok Fai; Wei, Yong; Yamazaki, Yoshiki; Yim, Solomon C. S.	Modeling of 500-year tsunamis for probabilistic design of coastal infrastructure in the Pacific Northwest	COASTAL ENGINEERING	8	2011
Ehrlich, Hermann; Brunner, Eike; Simon, Paul; Bazhenov, Vasily V.; Botting, Joseph P.; Tabachnick, Kontantin R.; Springer, Armin; Kummer, Kurt; Vyalikh, Denis V.; Molodtsov, Serguei L.; Kurek, Denis; Kammer, Martin; Born, Rene; Kovalev, Alexander; Gorb, Stanislav N.; Koutsoukos, Petros G.; Summers, Adam	Calcite Reinforced Silica-Silica Joints in the Biocomposite Skeleton of Deep-Sea Glass Sponges	ADVANCED FUNCTIONAL MATERIALS	10	2011
Reinhall, Per G.; Dahl, Peter H.	Underwater Mach wave radiation from impact pile driving: Theory and observation	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	29	2011

作者	题目	刊名	被引次数	发表年份
Fazel, Fatemeh; Fazel, Maryam; Stojanovic, Milica	Random Access Compressed Sensing for Energy-Efficient Underwater Sensor Networks	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	45	2011
Rouseff, Daniel; Zurk, Lisa M.	Striation-based beamforming for estimating the waveguide invariant with passive sonar	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	14	2011
Long, John H., Jr.; Koob, Tom; Schaefer, Justin; Summers, Adam; Bantilan, Kurt; Grotmol, Sindre; Porter, Marianne	Inspired by Sharks: A Biomimetic Skeleton for the Flapping, Propulsive Tail of an Aquatic Robot	MARINE TECHNOLOGY SOCIETY JOURNAL	8	2011
Plant, William J.; Keller, William C.; Hayes, Kenneth; Chatham, Gene	Characteristics of Internal Waves in the South China Sea Observed by a Shipboard Coherent Radar	IEEE JOURNAL OF OCEANIC ENGINEERING	5	2011
Hefner, Brian T.; Dzikowicz, Benjamin R.	A spiral wave front beacon for underwater navigation: Basic concept and modeling	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	7	2011
Catalan, Patricio A.; Haller, Merrick C.; Holman, Robert A.; Plant, William J.	Optical and Microwave Detection of Wave Breaking in the Surf Zone	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	17	2011
Bobak, Justin P.; Asher, William E.; Dowgiallo, David J.; Anguelova, Magdalena D.	Aerial Radiometric and Video Measurements of Whitecap Coverage	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	4	2011
Chang, Ming-Huei; Lien, Ren-Chieh; Yang, Yiing Jang; Tang, Tswen Yung	Nonlinear Internal Wave Properties Estimated with Moored ADCP Measurements	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	8	2011



作者	题目	刊名	被引 次数	发表年份
Churnside, James H.; Brown, Evelyn D.; Parker-Stetter, Sandra; Horne, John K.; Hunt, George L., Jr.; Hillgruber, Nicola; Sigler, Michael F.; Vollenweider, Johanna J.	Airborne Remote Sensing of a Biological Hot Spot in the Southeastern Bering Sea	REMOTE SENSING	7	2011
Biancamaria, S.; Durand, M.; Andreadis, K. M.; Bates, P. D.; Boone, A.; Mognard, N. M.; Rodriguez, E.; Alsdorf, D. E.; Lettenmaier, D. P.; Clark, E. A.	Assimilation of virtual wide swath altimetry to improve Arctic river modeling	REMOTE SENSING OF ENVIRONMENT	39	2011
Andrew, Rex K.; Howe, Bruce M.; Mercer, James A.	Long-time trends in ship traffic noise for four sites off the North American West Coast	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	21	2011
Kissinger, Jeffrey; Wilson, Denise	Portable Fluorescence Lifetime Detection for Chlorophyll Analysis in Marine Environments	IEEE SENSORS JOURNAL	8	2011
Kleiss, Jessica M.; Melville, W. Kendall	The Analysis of Sea Surface Imagery for Whitecap Kinematics	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	30	2011
Jaffe, Dan	Relationship between Surface and Free Tropospheric Ozone in the Western U.S.	ENVIRONMENTAL SCIENCE & TECHNOLOGY	32	2011
Anagnostou, Marios N.; Nystuen, Jeffrey A.; Anagnostou, Emmanouil N.; Papadopoulos, Anastasios; Lykousis, Vassilios	Passive aquatic listener (PAL): An adoptive underwater acoustic recording system for the marine environment	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS	5	2011

作者	题目	刊名	被引 次数	发表年份
		SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT		

## 中国船舶重工集团

作者	题目	刊名	被引 次数	发表年份
Shi, XJ; Wang, LQ; Qin, FQ	Relative fatigue life prediction of high-speed and heavy-load ball bearing based on surface texture	TRIBOLOGY INTERNATIONAL	0	2016
Zhang, JH; Chu, WL; Zhang, HG; Wu, YH; Dong, XJ	Numerical and experimental investigations of the unsteady aerodynamics and aero-acoustics characteristics of a backward curved blade centrifugal fan	APPLIED ACOUSTICS	0	2016
Zhang, B; Deng, WT; Ruan, L; Wang, T; Quan, JT; Cao, QL; Teng, YQ; Wang, WH; Yuan, Y; Li, L	Field-Circuit Cosimulation of 500-kV Transformers in AC/DC Hybrid Power Grid	IEEE TRANSACTIONS ON APPLIED SUPERCONDUCTIVITY	0	2016
Zhang, ZR; Pang, T; Yang, Y; Xia, H; Cui, XJ; Sun, PS; Wu, B; Wang, Y; Sigrist, MW; Dong, FZ	Development of a tunable diode laser absorption sensor for online monitoring of industrial gas total emissions based on optical scintillation cross-correlation technique	OPTICS EXPRESS	0	2016
Zhao, WX; Zheng, JQ; Wang, JB; Liu, GH; Zhao, JX; Fang, ZY	Design and Analysis of a Linear Permanent-Magnet Vernier Machine With Improved Force Density	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	6	2016

作者	题目	刊名	被引次数	发表年份
Wang, D; Song, ZX; Wu, Y; Jiang, Y	Ultrasonic wave based pressure measurement in small diameter pipeline	ULTRASONICS	0	2015
Li, YH; Li, GH; Shu, LY; Huang, Q; Jiang, H	Continuous Monitoring of Top-k Spatial Keyword Queries in Road Networks	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	0	2015
Niu, SP; Gao, LM; Zhao, JJ	Risk Analysis of Metals in Soil from a Restored Coal Mining Area	BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY	1	2015
Xu, M; Chu, XL; Wang, J; Wang, YH; Wei, KJ; Zhou, T	Ocean Wind Speed Retrieved from X-Band Radar Image	PROCEEDINGS OF THE 2015 INTERNATIONAL CONFERENCE ON AUTOMATION, MECHANICAL CONTROL AND COMPUTATIONAL ENGINEERING	0	2015
Li, HT; Wang, CY; Zhu, XH	Compressive Sensing for High-Resolution Direction-of-Arrival Estimation via Iterative Optimization on Sensing Matrix	INTERNATIONAL JOURNAL OF ANTENNAS AND PROPAGATION	0	2015
Zhou, Y; Zhang, C; Zhang, YF; Zhang, JZ	A New Adaptive Square-Root Unscented Kalman Filter for Nonlinear Systems with Additive Noise	INTERNATIONAL JOURNAL OF AEROSPACE ENGINEERING	0	2015
Ren, JX; Xu, YY; Liang, YS; Yao, CF;	CUTTING FORCES, TOOL LIFE, AND SIZE EFFECT	PROCEEDINGS OF THE	0	2014

作者	题目	刊名	被引次数	发表年份
Shao, GP	OF PASSIVATED CUTTERS IN MILLING OF INCONEL 718	2014 INTERNATIONAL CONFERENCE ON INNOVATIVE DESIGN AND MANUFACTURING (ICIDM)		
Wang, TK; Hu, LZ; Kang, N; Zheng, WQ	Numerical Simulation of the Added Mass and Drag of a Projectile in Launching Condition	INTERNATIONAL CONFERENCE ON MECHANICS AND MATERIALS ENGINEERING (ICMME 2014)	0	2014
Lu, J; Gao, YK; Yang, CS; Peng, B; Wan, RH; Han, XB; Ma, WF	Thermal Modelling and Control of Hydrogen-Oxygen Combustor	2014 IEEE INTERNATIONAL CONFERENCE ON MECHATRONICS AND AUTOMATION (IEEE ICMA 2014)	0	2014
Yi, GS; Wang, J; Bian, HR; Han, CX; Deng, B; Wei, XL; Li, HY	Multi-scale order recurrence quantification analysis of EEG signals evoked by manual acupuncture in healthy subjects	COGNITIVE NEURODYNAMICS	8	2013
He, ZB; Fan, XB; Shao, F; Zheng, KL; Wang, ZB; Yuan, SJ	Formability and microstructure of AA6061 Al alloy tube for hot metal gas forming at elevated temperature	TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA	4	2012
Yao, JJ; Wang, CJ	Model reference adaptive control for a hydraulic	JOURNAL OF VIBRATION	8	2012

作者	题目	刊名	被引次数	发表年份
Zhang, Y; Liu, Y; Ji, XB; Banks, CE; Zhang, W	underwater manipulator Conversion of egg-shell to hydroxyapatite for highly sensitive detection of endocrine disruptor bisphenol A	AND CONTROL JOURNAL OF MATERIALS CHEMISTRY	14	2011
Gao, QS; He, T; Zhang, C	Quantile hedging for equity-linked life insurance contracts in a stochastic interest rate economy	ECONOMIC MODELLING	0	2011

### GEOMAR - Helmholtz Centre for Ocean Research Kiel

作者	标题	刊名	被引次数	发表年份
Kwasnitschka, T; Koser, K; Sticklus, J; Rothenbeck, M; Weiss, T; Wenzlaff, E; Schoening, T; Triebe, L; Steinfuhrer, A; Devey, C; Greinert, J	DeepSurveyCam-A Deep Ocean Optical Mapping System	SENSORS	1	2016
Jordt, A; Zelenka, C; von Deimling, JS; Koch, R; Koser, K	The Bubble Box: Towards an Automated Visual Sensor for 3D Analysis and Characterization of Marine Gas Release Sites	SENSORS	0	2015
Bittig, HC; Fiedler, B; Fietzek, P; Kortzinger, A	Pressure Response of Aanderaa and Sea-Bird Oxygen Optodes	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Briski, E; Gollasch, S; David, M; Linley, RD; Casas-Monroy, O; Rajakaruna, H; Bailey, SA	Combining Ballast Water Exchange and Treatment To Maximize Prevention of Species Introductions to Freshwater Ecosystems	ENVIRONMENTAL SCIENCE & TECHNOLOGY	1	2015

作者	标题	刊名	被引次数	发表年份
Bittig, HC; Kortzinger, A	Tackling Oxygen Optode Drift: Near-Surface and In-Air Oxygen Optode Measurements on a Float Provide an Accurate in Situ Reference	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	7	2015
Atamanchuk, D; Tengberg, A; Aleynik, D; Fietzek, P; Shitashima, K; Lichtschlag, A; Hall, POJ; Stahl, H	Detection of CO <sub>2</sub> leakage from a simulated sub-seabed storage site using three different types of pCO <sub>2</sub> sensors	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	9	2015
Linke, P; Schmidt, M; Rohleder, M; Al-Barakati, A; Al-Farawati, R	Novel Online Digital Video and High-Speed Data Broadcasting via Standard Coaxial Cable Onboard Marine Operating Vessels	MARINE TECHNOLOGY SOCIETY JOURNAL	2	2015
Schmidt, M; Linke, P; Sommer, S; Esser, D; Cherednichenko, S	Natural CO <sub>2</sub> Seeps Offshore Panarea: A Test Site for Subsea CO <sub>2</sub> Leak Detection Technology	MARINE TECHNOLOGY SOCIETY JOURNAL	2	2015
Soomere, T; Doos, K; Lehmann, A; Meier, HEM; Murawski, J; Myrberg, K; Stanev, E	The Potential of Current- and Wind-Driven Transport for Environmental Management of the Baltic Sea	AMBIO	16	2014
Fietzek, P; Fiedler, B; Steinhoff, T; Kortzinger, A	In situ Quality Assessment of a Novel Underwater pCO <sub>2</sub> Sensor Based on Membrane Equilibration and NDIR Spectrometry	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	13	2014
Sommer, M; Holz, S; Moorkamp, M; Swidinsky, A; Heincke, B; Scholl, C; Jegen, M	GPU parallelization of a three dimensional Marine CSEM code	COMPUTERS & GEOSCIENCES	6	2013
Send, U; Fowler, G; Siddall, G; Beanlands, B; Pittman, M; Waldmann, C; Karstensen, J; Lampitt, R	SeaCycler: A Moored Open-Ocean Profiling System for the Upper Ocean in Extended Self-Contained Deployments	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2013
Schmidt, M; Linke, P; Esser, D	Recent Development in IR Sensor Technology for Monitoring Subsea Methane Discharge	MARINE TECHNOLOGY SOCIETY JOURNAL	2	2013

作者	标题	刊名	被引次数	发表年份
Kwasnitschka, T; Hansteen, TH; Devey, CW; Kutterolf, S	Doing fieldwork on the seafloor: Photogrammetric techniques to yield 3D visual models from ROV video	COMPUTERS & GEOSCIENCES	6	2013
Fischer, M; Wahl, M; Friedrichs, G	Field Sensor for In-Situ Detection Of Marine Bacterial Biofilms Novel Sensor Concept Enables Time-Resolved Detection of Bacteria	SEA TECHNOLOGY	3	2013
Fiedler, B; Fietzek, P; Vieira, N; Silva, P; Bittig, HC; Kortzinger, A	In Situ CO <sub>2</sub> and O <sub>2</sub> Measurements on a Profiling Float	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	23	2013
Deusner, C; Bigalke, N; Kossel, E; Haeckel, M	Methane Production from Gas Hydrate Deposits through Injection of Supercritical CO <sub>2</sub>	ENERGIES	20	2012
Wallmann, K; Pinero, E; Burwicz, E; Haeckel, M; Hensen, C; Dale, A; Ruepke, L	The Global Inventory of Methane Hydrate in Marine Sediments: A Theoretical Approach	ENERGIES	52	2012

### The monterey bay aquarium research institute

作者	题目	刊名	被引次数	发表年份
Zhang, Yanwu; Bellingham, James G.; Ryan, John P.; Kieft, Brian; Stanway, M. Jordan	Autonomous Four-Dimensional Mapping and Tracking of a Coastal Upwelling Front by an Autonomous Underwater Vehicle	JOURNAL OF FIELD ROBOTICS	0	2016
Johnson, Kenneth S.; Plant, Joshua N.; Riser, Stephen C.; Gilbert, Denis	Air Oxygen Calibration of Oxygen Optodes on a Profiling Float Array	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2015
Song, Weilong; Dolan, John M.; Cline,	Learning-Based Algal Bloom Event Recognition	Remote Sensing	0	2015

作者	题目	刊名	被引 次数	发表年份
Danelle; Xiong, Guangming	for Oceanographic Decision Support System Using Remote Sensing Data			
Das, Jnaneshwar; Py, Frederic; Harvey, Julio B. J.; Ryan, John P.; Gellene, Alyssa; Graham, Rishi; Caron, David A.; Rajan, Kanna; Sukhatme, Gaurav S.	Data-driven robotic sampling for marine ecosystem monitoring	INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH	1	2015
Stanway, M. Jordan; Kinsey, James C.	Rotation Identification in Geometric Algebra: Theory and Application to the Navigation of Underwater Robots in the Field	JOURNAL OF FIELD ROBOTICS	0	2015
Matsumoto, George I.	A Different Approach to the Research Internship	MARINE TECHNOLOGY SOCIETY JOURNAL	0	2015
Lopez, Peter; O'Reilly, Thomas C.; Klimov, Denis	Cytometers Set Sail With Sea-Going Mobile Robots	MARINE TECHNOLOGY SOCIETY JOURNAL	1	2015
Fauville, G.; Dupont, S.; von Thun, S.; Lundin, J.	Can Facebook be used to increase scientific literacy? A case study of the Monterey Bay Aquarium Research Institute Facebook page and ocean literacy	COMPUTERS & EDUCATION	2	2015
Brewer, Peter G.; Peltzer, Edward T.; Walz, Peter M.; Coward, Elizabeth K.; Stern, Laura A.; Kirby, Stephen H.; Pinkston, John	Deep-Sea Field Test of the CH <sub>4</sub> Hydrate to CO <sub>2</sub> Hydrate Spontaneous Conversion Hypothesis	ENERGY & FUELS	3	2014
Barry, James P.; Lovera, Chris; Buck, Kurt R.; Peltzer, Edward T.; Taylor, Josi R.; Walz, Peter; Whaling, Patrick J.; Brewer, Peter G.	Use of a Free Ocean CO <sub>2</sub> Enrichment (FOCE) System to Evaluate the Effects of Ocean Acidification on the Foraging Behavior of a Deep-Sea Urchin	ENVIRONMENTAL SCIENCE & TECHNOLOGY	5	2014



作者	题目	刊名	被引 次数	发表年份
del Rio, Joaquin; Mihai Toma, Daniel; O'Reilly, Thomas C.; Broering, Arne; Dana, David R.; Bache, Felix; Headley, Kent L.; Manuel-Lazaro, Antoni; Edgington, Duane R.	Standards-Based Plug & Work for Instruments in Ocean Observing Systems	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2014
Magazzeni, Daniele; Py, Frederic; Fox, Maria; Long, Derek; Rajan, Kanna	Policy learning for autonomous feature tracking	AUTONOMOUS ROBOTS	0	2014
Ryan, John P.; Davis, Curtiss O.; Tufillaro, Nicholas B.; Kudela, Raphael M.; Gao, Bo-Cai	Application of the Hyperspectral Imager for the Coastal Ocean to Phytoplankton Ecology Studies in Monterey Bay, CA, USA	REMOTE SENSING	16	2014
Hofmann, Andreas F.; Walz, Peter M.; Thomas, Hans; Peltzer, Edward T.; Brewer, Peter G.	High-Resolution Topography-Following Chemical Mapping of Ocean Hypoxia by Use of an Autonomous Underwater Vehicle: The Santa Monica Basin Example	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2013
Ussler, William, III; Preston, Christina; Tavormina, Patricia; Pargett, Doug; Jensen, Scott; Roman, Brent; Marin, Roman, III; Shah, Sunita R.; Girguis, Peter R.; Birch, James M.; Orphan, Victoria; Scholin, Christopher	Autonomous Application of Quantitative PCR in the Deep Sea: In Situ Surveys of Aerobic Methanotrophs Using the Deep-Sea Environmental Sample Processor	ENVIRONMENTAL SCIENCE & TECHNOLOGY	6	2013
Johnson, Kenneth S.; Coletti, Luke J.; Jannasch, Hans W.; Sakamoto, Carole M.; Swift, Dana D.; Riser, Stephen C.	Long-Term Nitrate Measurements in the Ocean Using the in situ Ultraviolet Spectrophotometer: Sensor Integration into the APEX Profiling Float	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	22	2013
Harvey, Julio; Zhang, Yanwu; Ryan, John	AUVs for Ecological Studies Of Marine Plankton Communities	SEA TECHNOLOGY	1	2012
Zhang, Yanwu; Godin, Michael A.;	Using an Autonomous Underwater Vehicle to	IEEE JOURNAL OF OCEANIC	11	2012

作者	题目	刊名	被引 次数	发表年份
Bellingham, James G.; Ryan, John P.	Track a Coastal Upwelling Front	ENGINEERING		
Zhang, Yanwu; Bellingham, James G.; Godin, Michael A.; Ryan, John P.	Using an Autonomous Underwater Vehicle to Track the Thermocline Based on Peak-Gradient Detection	IEEE JOURNAL OF OCEANIC ENGINEERING	5	2012
Garcia-Olaya, Angel; Py, Frederic; Das, Jnaneshwar; Rajan, Kanna	An Online Utility-Based Approach for Sampling Dynamic Ocean Fields	IEEE JOURNAL OF OCEANIC ENGINEERING	6	2012
Das, Jnaneshwar; Py, Frederic; Maughan, Thom; O'Reilly, Tom; Messie, Monique; Ryan, John; Sukhatme, Gaurav S.; Rajan, Kanna	Coordinated sampling of dynamic oceanographic features with underwater vehicles and drifters	INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH	19	2012
Graybeal, John; Isenor, Anthony W.; Rueda, Carlos	Semantic mediation of vocabularies for ocean observing systems	COMPUTERS & GEOSCIENCES	8	2012
Zhang, Xin; Kirkwood, William J.; Walz, Peter M.; Peltzer, Edward T.; Brewer, Peter G.	A Review of Advances in Deep-Ocean Raman Spectroscopy	APPLIED SPECTROSCOPY	11	2012
Tkacik, Daniel S.; Luna-Cruz, Yaitza; Clinton, Nicholas; Spak, Scott; Ryan, John	Atmospheric correction for MASTER image data using localized modelled and observed meteorology and trace gases	REMOTE SENSING LETTERS	0	2012
Adams, Lisa G.; Matsumoto, George I.	The Benefits and Challenges of Using Real-Time Data in the Classroom: Perspectives From the Students, Educators, and Researchers	MARINE TECHNOLOGY SOCIETY JOURNAL	1	2011
Zhang, Yanwu; McEwen, Robert S.; Ryan, John P.; Bellingham, James G.; Thomas, Hans; Thompson, Charles H.; Rienecker, Erich	A Peak-Capture Algorithm Used on an Autonomous Underwater Vehicle in the 2010 Gulf of Mexico Oil Spill Response Scientific Survey	JOURNAL OF FIELD ROBOTICS	9	2011

作者	题目	刊名	被引次数	发表年份
Plotnik, Aaron; Rock, Stephen	Hybrid Estimation Using Perceptual Information: Robotic Tracking of Deep Ocean Animals	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2011

### Memorial University of Newfoundland

作者	题目	刊名	被引次数	发表年份
Cai, Jing Jing; Hawboldt, Kelly; Abdi, Majid Abedinzadegan	Improving gas absorption efficiency using a novel dual membrane contactor	JOURNAL OF MEMBRANE SCIENCE	0	2016
Song, Guozheng; Khan, Faisal; Wang, Hangzhou; Leighton, Shelly; Yuan, Zhi; Liu, Hanwen	Dynamic occupational risk model for offshore operations in harsh environments	RELIABILITY ENGINEERING & SYSTEM SAFETY	0	2016
Rezaee, Sara; Pelot, Ronald; Finnis, Joel	The effect of extratropical cyclone weather conditions on fishing vessel incidents' severity level in Atlantic Canada	SAFETY SCIENCE	0	2016
Huang, Weimin; Wang, Yali	A Spectra-Analysis-Based Algorithm for Wind Speed Estimation From X-Band Nautical Radar Images	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	0	2016
Huang, Weimin; Carrasco, Ruben; Shen, Chengxi; Gill, Eric W.; Horstmann, Jochen	Surface Current Measurements Using X-Band Marine Radar With Vertical Polarization	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	0	2016

作者	题目	刊名	被引 次数	发表年份
Aljaroudi, Alireda; Khan, Faisal; Akinturk, Ayhan; Haddara, Mahmoud	Probabilistic Performance Assessment of Fiber Optic Leak Detection Systems	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2016
Hawladar, Bipul; Fouzder, Anup; Dutta, Sujan	Numerical Modeling of Suction and Trench Formation at the Touchdown Zone of Steel Catenary Riser	INTERNATIONAL JOURNAL OF GEOMECHANICS	0	2016
Wang, Yali; Huang, Weimin	An Algorithm for Wind Direction Retrieval From X-Band Marine Radar Images	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	0	2016
Yan, Qingyun; Huang, Weimin	GNSS-R Delay-Doppler Map Simulation Based on the 2004 Sumatra-Andaman Tsunami Event	JOURNAL OF SENSORS	0	2016
Hawladar, Bipul; Dutta, Sujan; Fouzder, Anup; Zakeri, Arash	Penetration of Steel Catenary Riser in Soft Clay Seabed: Finite-Element and Finite-Volume Methods	INTERNATIONAL JOURNAL OF GEOMECHANICS	1	2015
Liang, Xiaodong; He, Jinwei; Du, Liang	Electrical Submersible Pump System Grounding: Current Practice and Future Trend	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	0	2015
Herath, Dinesh; Khan, Faisal; Rathnayaka, Samith; Rahman, M. A.	Probabilistic estimation of hydrate formation	JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	1	2015
Sulistiyono, Heri; Khan, Faisal; Lye, Leonard; Yang, Ming	A risk-based approach to developing design temperatures for vessels operating in low temperature environments	OCEAN ENGINEERING	0	2015
Pearcey, Gregory E. P.; MacKinnon, Scott N.; Button, Duane C.	Simulated motion negatively affects motor task but not neuromuscular performance	ERGONOMICS	0	2015
Bednarz, Malgorzata; McIlroy, Duncan	Organism-sediment interactions in shale-hydrocarbon reservoir facies -	INTERNATIONAL JOURNAL OF COAL GEOLOGY	0	2015

作者	题目	刊名	被引 次数	发表年份
	Three-dimensional reconstruction of complex ichnofabric geometries and pore-networks			
Claus, Brian; Bachmayer, Ralf	Terrain-aided Navigation for an Underwater Glider	JOURNAL OF FIELD ROBOTICS	0	2015
Kim, Hyunwook; Daley, Claude; Colbourne, Bruce	A numerical model for ice crushing on concave surfaces	OCEAN ENGINEERING	0	2015
Jing, Liang; Chen, Bing; Zhang, Baiyu; Li, Pu	Process simulation and dynamic control for marine oily wastewater treatment using UV irradiation	WATER RESEARCH	2	2015
Bhandari, Jyoti; Khan, Faisal; Abbassi, Rouzbeh; Garaniya, Vikram; Ojeda, Roberto	Modelling of pitting corrosion in marine and offshore steel structures - A technical review	JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES	2	2015
Aljaroudi, Alireda; Khan, Faisal; Akinturk, Ayhan; Haddara, Mahmoud; Thodi, Premkumar	Risk assessment of offshore crude oil pipeline failure	JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES	0	2015
Kim, Hyunwook; Daley, Claude; Colboume, Bruce	Comparison of Ice Load Development on Non-Planar Surface	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2015
Wang, Wei; Gill, Eric	High-Resolution Spectral Estimation of HF Radar Data for Current Measurement Applications	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Rahman, Md Samsur; Taylor, Rocky S.; Kennedy, Allison; Re, Antonio Simoes; Veitch, Brian	Probabilistic Analysis of Local Ice Loads on a Lifeboat Measured in Full-Scale Field Trials	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2015
Abimbola, Majeed; Khan, Faisal; Khakzad, Nima; Butt, Stephen	Safety and risk analysis of managed pressure drilling operation using Bayesian network	SAFETY SCIENCE	5	2015

作者	题目	刊名	被引 次数	发表年份
Ahmed, Sheikh Sharif; Hawlader, Bipul Chandra	Numerical Analysis of Inclined Uplift Capacity of Suction Caisson in Sand	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2015
Zhang, Lihong; Masek, Vlastimil; Sanatdoost, Nikoo Naeemi	Structural optimization of Z-axis tuning-fork MEMS gyroscopes for enhancing reliability and resolution	MICROSYSTEM TECHNOLOGIES-MICRO-AND NANOSYSTEMS-INFORMATION STORAGE AND PROCESSING SYSTEMS	0	2015
Amin, Javad Sayyad; Nikkhah, Somayye; Zendejboudi, Sohrab; James, Lesley A.	Effective Method To Determine Supersaturation of Tar Balls Deposited along the Caspian Sea	ENERGY & FUELS	0	2015
Ni, Shaoyu; Qiu, Wei; Zhang, Anran; Prior, David	Hydrodynamic Simulation and Optimization of an Oil Skimmer	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2015
Liu, Ying; Huang, Weimin; Gill, Eric W.; Peters, Dennis K.; Vicen-Bueno, Raul	Comparison of Algorithms for Wind Parameters Extraction From Shipborne X-Band Marine Radar Images	IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING	3	2015
Sule, I. O.; Adedeji, A.; Obeng, C.; Okosun, A.; Morshed, M.; Rahman, M. A.; Hawboldt, K.	CFD Analysis of Hydrate Formation in Pipelines	PETROLEUM SCIENCE AND TECHNOLOGY	0	2015
Rajendram, Arunnvinthan; Khan, Faisal; Garaniya, Vikram	Modelling of fire risks in an offshore facility	FIRE SAFETY JOURNAL	0	2015
Li, Chen; Huang, Weimin; Gleason, Scott	Dual Antenna Space-Based GNSS-R Ocean Surface	IEEE JOURNAL OF SELECTED	2	2015

作者	题目	刊名	被引 次数	发表年份
	Mapping: Oil Slick and Tropical Cyclone Sensing	TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING		
Caines, Susan; Khan, Faisal; Shirokoff, John; Qiu, Wei	Experimental design to study corrosion under insulation in harsh marine environments	JOURNAL OF LOSS PREVENTION IN THE PROCESS INDUSTRIES	1	2015
Yang, Ming; Khan, Faisal; Garaniya, Vikram; Chai, Shuhong	Multimedia fate modeling of oil spills in ice-infested waters: An exploration of the feasibility of fugacity-based approach	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	2	2015
Norazahar, Norafneeza; Khan, Faisal; Veitch, Brian; MacKinnon, Scott	Human and organizational factors assessment of the evacuation operation of BP Deepwater Horizon accident	SAFETY SCIENCE	2	2014
Li, Chen; Huang, Weimin	An Algorithm for Sea-Surface Wind Field Retrieval From GNSS-R Delay-Doppler Map	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	4	2014
Kim, Hyunwook; Ulan-Kvitberg, Christopher; Daley, Claude	Evaluation of spatial pressure distribution during ice-structure interaction using pressure indicating film	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	2	2014
Zhou, Quan; Peng, Heather	Numerical Simulation Of a Dynamically Controlled Ship in Level Ice	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	2	2014
Peng, Heather; Ni, Shaoyu; Qiu, Wei	Wave pattern and resistance prediction for ships of full form	OCEAN ENGINEERING	1	2014
Noroozi, Alireza; Abbassi, Rouzbeh; MacKinnon, Scott; Khan, Faisal; Khakzad,	Effects of Cold Environments on Human Reliability Assessment in Offshore Oil and Gas Facilities	HUMAN FACTORS	1	2014

作者	题目	刊名	被引 次数	发表年份
Nima				
Qiu, Wei; Sales Junior, Joel; Lee, Dongyeon; Lie, Halvor; Magarovskii, Viacheslav; Mikami, Takashi; Rousset, Jean-Marc; Sphaier, Sergio; Tao, Longbin; Wang, Xuefeng	Uncertainties related to predictions of loads and responses for ocean and offshore structures	OCEAN ENGINEERING	4	2014
Ma, Peter; Qiu, Wei; Spencer, Don	Numerical Vortex-Induced Vibration Prediction of Marine Risers in Time-Domain Based on a Forcing Algorithm	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2014
Peng, Hongxuan (Heather); Qiu, Wei	Computation of Motion and Added Wave Resistance With the Panel-Free Method	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2014
Duncan, C. A.; Albert, W. J.; Langlois, R. G.; MacKinnon, S. N.	STEPPING RESPONSE DURING CONSTRAINED AND UNCONSTRAINED STANDING IN MOVING ENVIRONMENTS	INTERNATIONAL JOURNAL OF MARITIME ENGINEERING	0	2014
Wang, Wei; Wyatt, Lucy	Generalised noise cancellation method for wave estimation by HF surface wave radar	IET RADAR SONAR AND NAVIGATION	1	2014
Alexander, Polly; Duncan, Alec; Bose, Neil; Wilkes, Daniel; Lewis, Ron; de Souza, Paulo	Noise characterisation of the Aurora Australis while stationary in Antarctic sea ice	OCEAN ENGINEERING	2	2014
Islam, Mohammed; Veitch, Brian; Liu, Pengfei	Uncertainty of measurements of podded propulsor performance characteristics	OCEAN ENGINEERING	1	2014



作者	题目	刊名	被引 次数	发表年份
Shen, Chengxi; Gill, Eric; Huang, Weimin	High-frequency radar cross-sections of swell-contaminated seas for a pulsed waveform	IET RADAR SONAR AND NAVIGATION	1	2014
Tang, Ruohan; Liu, Deyou; Han, Guoqi; Ma, Zhimin; de Young, Brad	Reconstructed Wind Fields from Multi-Satellite Observations	REMOTE SENSING	0	2014
Stark, N.; Hay, A. E.; Cheel, R.; Zedel, L.; Barclay, D.	Laboratory Measurements of Coarse Sediment Bedload Transport Velocity Using a Prototype Wideband Coherent Doppler Profiler (MFDop)	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2014
Peng, Hongxuan (Heather); Qiu, Wei; Ni, Shaoyu	Effect of turbulence models on RANS computation of propeller vortex flow	OCEAN ENGINEERING	7	2013
Yang, Ming; Khan, Faisal I.; Lye, Leonard; Sulistiyono, Heri; Dolny, John; Oldford, Dan	Risk-based Winterization for Vessels Operations in Arctic Environments	JOURNAL OF SHIP PRODUCTION AND DESIGN	3	2013
Islam, M.; Akinturk, A.; Veitch, B.; Liu, Pengfei	STUDY ON PROPULSIVE PERFORMANCE OF TWO GEOMETRICALLY SIMILAR PODDED PROPULSORS	INTERNATIONAL JOURNAL OF MARITIME ENGINEERING	0	2013
Verma, Manish; Gendreau, Michel; Laporte, Gilbert	Optimal location and capability of oil-spill response facilities for the south coast of Newfoundland	OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE	5	2013
Galea, Edwin Richard; Deere, Steven; Brown, Robert; Filippidis, Lazaros	An Experimental Validation of an Evacuation Model using Data Sets Generated from Two Large Passenger Ships	JOURNAL OF SHIP RESEARCH	1	2013
Zakeri, Arash; Hawlader, Bipul	Drag forces caused by submarine glide block or out-runner block impact on suspended (free-span) pipelines-Numerical analysis	OCEAN ENGINEERING	3	2013

作者	题目	刊名	被引 次数	发表年份
Yang, Ming; Khan, Faisal I.; Sadiq, Rehan; Amyotte, Paul	A rough set-based game theoretical approach for environmental decision-making: A case of offshore oil and gas operations	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	2	2013
Daley, Claude; Colbourne, Bruce; Safer, Andrew	Ice-Steel Impact In Arctic Operations STePS2 Project Tests Ice Load Pressures for Arctic Vessels	SEA TECHNOLOGY	0	2013
Elliott, Bradley J.; Zakeri, Arash; Macneill, Andrew; Phillips, Ryan; Clukey, Edward C.; Li, George	Centrifuge modeling of steel catenary risers at touchdown zone part I: Development of novel centrifuge experimental apparatus	OCEAN ENGINEERING	3	2013
Elliott, Bradley J.; Zakeri, Arash; Barrett, John; Hawlader, Bipul; Li, George; Clukey, Edward C.	Centrifuge modeling of steel catenary risers at touchdown zone part II: Assessment of centrifuge test results using kaolin clay	OCEAN ENGINEERING	4	2013
Frederking, Robert; Li, Lian-Feng; Kubat, Ivana	Review of Confederation Bridge Ice Forces: Winter 2008-2010	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	1	2013
Qiu, Wei; Peng, Heather; Ni, Shaoyu; Liu, Lei; Mintu, Shafiul; Hally, David; Hsiao, Chao-Tsung	RANS Computation of Propeller Tip Vortex Flow	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2013
Qiu, Wei; Peng, Hongxuan (Heather)	Numerical Solution of Body-Exact Problem in the Time Domain	JOURNAL OF SHIP RESEARCH	0	2013
Yang, Qingyong; Qiu, Wei	Numerical Solution of 3-D Water Entry Problems With a Constrained Interpolation Profile Method	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	1	2012
Liu, Pengfei; Veitch, Brian	Design and optimization for strength and integrity of	ENERGY	11	2012

作者	题目	刊名	被引 次数	发表年份
Dillon, Jeremy; Zedel, Len; Hay, Alex E.	tidal turbine rotor blades On the Distribution of Velocity Measurements From Pulse-to-Pulse Coherent Doppler Sonar	IEEE JOURNAL OF OCEANIC ENGINEERING	2	2012
Bagheri, Flamed; Lecours, Vincent	Benthic Habitat Mapping Using High-Resolution Image Mosaicking	SEA TECHNOLOGY	0	2012
Chang Zong-yu; Tang Yuan-guang; Li Hua-jun; Yang Jian-ming; Wang Lei	Analysis for the deployment of single-point mooring buoy system based on multi-body dynamics method	CHINA OCEAN ENGINEERING	3	2012
Zhang, Jianjun; Walsh, John; Gill, Eric W.	Inherent Limitations in High-Frequency Radar Remote Sensing Based on Bragg Scattering From the Ocean Surface	IEEE JOURNAL OF OCEANIC ENGINEERING	6	2012
Zakeri, Arash; Hawlader, Bipul; Chi, Ken	Drag forces caused by submarine glide block or out-runner block impact on suspended (free-span) pipelines	OCEAN ENGINEERING	2	2012
Mondragon, Adrian E. Coronado; Lalwani, Chandra S.; Mondragon, Etienne S. Coronado; Mondragon, Christian E. Coronado; Pawar, Kulwant S.	Intelligent transport systems in multimodal logistics: A case of role and contribution through wireless vehicular networks in a sea port location	INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS	4	2012
Cai, Jing Jing; Hawboldt, Kelly; Abdi, Majid Abedinzadegan	Contaminant removal from natural gas using dual hollow fiber membrane contactors	JOURNAL OF MEMBRANE SCIENCE	7	2012
Joubaud, Sylvain; Munroe, James; Odier, Philippe; Dauxois, Thierry	Experimental parametric subharmonic instability in stratified fluids	PHYSICS OF FLUIDS	11	2012
Lewis, Ron S.; Drogou, Michele; King, Peter; Mann, George; Bose, Neil; Worby, Anthony	An acoustic signal propagation experiment beneath sea ice	OCEAN ENGINEERING	1	2012

作者	题目	刊名	被引次数	发表年份
Yang, Qingyong; Qiu, Wei	Numerical simulation of water impact for 2D and 3D bodies	OCEAN ENGINEERING	17	2012
Dillon, Jeremy; Zedel, Len; Hay, Alex E.	Simultaneous Velocity Ambiguity Resolution and Noise Suppression for Multifrequency Coherent Doppler Sonar	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2012
Huang, Juntao; Carrica, Pablo M.; Stern, Frederick	A method to compute ship exhaust plumes with waves and wind	INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS	1	2012
Afanasyev, Y. D.; O'Leary, S.; Rhines, P. B.; Lindahl, E.	On the origin of jets in the ocean	GEOPHYSICAL AND ASTROPHYSICAL FLUID DYNAMICS	13	2012
Walsh, John; Zhang, Jianjun; Gill, Eric W.	High-Frequency Radar Cross Section of the Ocean Surface for an FMCW Waveform	IEEE JOURNAL OF OCEANIC ENGINEERING	6	2011
Yang, Ming; Khan, Faisal I.; Sadiq, Rehan; Amyotte, Paul	A rough set-based quality function deployment (QFD) approach for environmental performance evaluation: a case of offshore oil and gas operations	JOURNAL OF CLEANER PRODUCTION	11	2011
Dillon, Jeremy; Zedel, Len; Hay, Alex E.	Asymptotic Properties of an Autocorrelation Coefficient for Coherent Doppler Sonar	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2011
Rathnayaka, Samith; Khan, Faisal; Amyotte, Paul	SHIPP methodology: Predictive accident modeling approach. Part I: Methodology and model description	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	29	2011
Yang, Q.; Qiu, W.	NUMERICAL SOLUTIONS OF 2D AND 3D SLAMMING PROBLEMS	INTERNATIONAL JOURNAL OF MARITIME ENGINEERING	1	2011
Yang, Ming; Khan, Faisal I.; Sadiq, Rehan	Prioritization of environmental issues in offshore oil	PROCESS SAFETY AND	14	2011

作者	题目	刊名	被引 次数	发表年份
	and gas operations: A hybrid approach using fuzzy inference system and fuzzy analytic hierarchy process	ENVIRONMENTAL PROTECTION		

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作者	题目	刊名	被引 次数	发表年份
Isava, Monica; Winter, Amos G.	Razor clam-inspired burrowing in dry soil	INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS	0	2016
Buongiorno, J.; Jurewicz, J.; Golay, M.; Todreas, N.	The Offshore Floating Nuclear Plant Concept	NUCLEAR TECHNOLOGY	0	2016
Elmokadem, Taha; Zribi, Mohamed; Youcef-Toumi, Kamal	Trajectory tracking sliding mode control of underactuated AUVs	NONLINEAR DYNAMICS	0	2016
Triantafyllou, Michael S.	Vortex Dynamics in Flow Instabilities and Biomimetic Flows	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2016
Lee, Chang-Ho; Newman, J. Nicholas	An Extended Boundary Integral Equation for Structures with Oscillatory Free-Surface Pressure	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2016
Ma, Leixin; Hu, Ke; Fu, Shixiao; Moan, Torgeir; Lit, Runpei	A Hybrid Empirical-Numerical Method for Hydroelastic Analysis of a Floater-and-Net System	JOURNAL OF SHIP RESEARCH	0	2016

作者	题目	刊名	被引 次数	发表年份
Schantz, Christopher; Gerhard, Katie; Donnal, John; Moon, Jinyeong; Sievenpiper, Bartholomew; Leeb, Steven; Thomas, Kevin	Retrofittable Machine Condition and Structural Excitation Monitoring From the Terminal Box	IEEE SENSORS JOURNAL	0	2016
Kottapalli, Ajay Giri Prakash; Bora, Meghali; Asadnia, Mohsen; Miao, Jianmin; Venkatraman, Subbu S.; Triantafyllou, Michael	Nanofibril scaffold assisted MEMS artificial hydrogel neuromasts for enhanced sensitivity flow sensing	SCIENTIFIC REPORTS	0	2016
Zhu, Minmin; Du, Zehui; Yin, Zongyou; Zhou, Wenwen; Liu, Zhengdong; Tsang, Siu Hon; Teo, Edwin Hang Tong	Low-Temperature in Situ Growth of Graphene on Metallic Substrates and Its Application in Anticorrosion	ACS APPLIED MATERIALS & INTERFACES	1	2016
Sojoudi, H.; Wang, M.; Boscher, N. D.; McKinley, G. H.; Gleason, K. K.	Durable and scalable icephobic surfaces: similarities and distinctions from superhydrophobic surfaces	SOFT MATTER	1	2016
Biteen, Julie S.; Blainey, Paul C.; Cardon, Zoe G.; Chun, Miyoung; Church, George M.; Dorrestein, Pieter C.; Fraser, Scott E.; Gilbert, Jack A.; Jansson, Janet K.; Knight, Rob; Miller, Jeff F.; Ozcan, Aydogan; Prather, Kimberly A.; Quake, Stephen R.; Ruby, Edward G.; Silver, Pamela A.; Taha, Sharif; van den Engh, Ger; Weiss, Paul S.; Wong, Gerard C. L.; Wright, Aaron T.; Young, Thomas D.	Tools for the Microbiome: Nano and Beyond	ACS NANO	9	2016
Fischell, Erin M.; Schmidt, Henrik	Classification of underwater targets from	JOURNAL OF THE	0	2015

作者	题目	刊名	被引 次数	发表年份
	autonomous underwater vehicle sampled bistatic acoustic scattered fields	ACOUSTICAL SOCIETY OF AMERICA		
Mazumdar, Anirban; Triantafyllou, Michael S.; Asada, H. Harry	Dynamic Analysis and Design of Spheroidal Underwater Robots for Precision Multidirectional Maneuvering	IEEE-ASME TRANSACTIONS ON MECHATRONICS	1	2015
Amin, Javad Sayyad; Abkenar, Majid Vared; Zendejboudi, Sohrab	Natural Sorbent for Oil Spill Cleanup from Water Surface: Environmental Implication	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	1	2015
Yang, Rong; Goktekin, Esmâ; Gleason, Karen K.	Zwitterionic Antifouling Coatings for the Purification of High-Salinity Shale Gas Produced Water	LANGMUIR	1	2015
Gong, Zheng; Ratilal, Purnima; Makris, Nicholas C.	Simultaneous localization of multiple broadband non-impulsive acoustic sources in an ocean waveguide using the array invariant	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Fletcher, Andrew S.; Hamilton, Scott A.; Moores, John D.	Undersea Laser Communication with Narrow Beams	IEEE COMMUNICATIONS MAGAZINE	0	2015
Mitra, Urbashi; Choudhary, Sunav; Hover, Franz; Hummel, Robert; Kumar, Naveen; Naryanan, Shrikanth; Stojanovic, Milica; Sukhatme, Gaurav	Structured Sparse Methods for Active Ocean Observation Systems with Communication Constraints	IEEE COMMUNICATIONS MAGAZINE	0	2015
Thanh Long Vu; Ayu, Aaron Alexander; Dhupia, Jaspreet Singh; Kennedy, Louis; Adnanes, Alf Kare	Power Management for Electric Tugboats Through Operating Load Estimation	IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY	0	2015
Gaspar, Henrique M.; Bolland, Oceane; Aspen, Dina M.; Ross, Adam M.; Erikstad,	Assessing air emissions for uncertain life-cycle scenarios via responsive systems comparison	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL	0	2015

作者	题目	刊名	被引 次数	发表年份
Stein Ove	method	ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT		
Yu, Zechuan; Lau, Denvid	Molecular dynamics study on stiffness and ductility in chitin-protein composite	JOURNAL OF MATERIALS SCIENCE	3	2015
Asadnia, Mohsen; Kottapalli, Ajay Giri Prakash; Miao, Jianmin; Warkiani, Majid Ebrahimi; Triantafyllou, Michael S.	Artificial fish skin of self-powered micro-electromechanical systems hair cells for sensing hydrodynamic flow phenomena	JOURNAL OF THE ROYAL SOCIETY INTERFACE	0	2015
Amin, Rahul; Ripplinger, David; Mehta, Devanshu; Cheng, Bow-Nan	Design Considerations in Applying Disruption Tolerant Networking to Tactical Edge Networks	IEEE COMMUNICATIONS MAGAZINE	0	2015
Pajovic, Milutin; Preisig, James C.	Performance Analysis and Optimal Design of Multichannel Equalizer for Underwater Acoustic Communications	IEEE JOURNAL OF OCEANIC ENGINEERING	2	2015
Cho, John Y. N.	Enhanced Signal Processing Algorithms for the ASR-9 Weather Systems Processor	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Watson, Harry A. J.; Khan, Kamil A.; Barton, Paul I.	Multistream heat exchanger modeling and design	AICHE JOURNAL	0	2015
Wang, Hua; Tao, Guo; Shang, Xuefeng	A method to determine the strike of interface outside of borehole by monopole borehole acoustic reflections	JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	0	2015
Yellepeddi, Atulya; Preisig, James C.	Adaptive Equalization in a Turbo Loop	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	0	2015
Feng, Xuan; Yu, Yue; Liu, Cai; Fehler, Michael	Combination of H-Alpha Decomposition and Migration for Enhancing Subsurface Target	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE	1	2015



作者	题目	刊名	被引 次数	发表年份
	Classification of GPR	SENSING		
Lee, Kang-Heon; Cho, Seongpil; Kim, Ki-Tae; Kim, Jin-Gyun; Lee, Phill-Seung	Hydroelastic analysis of floating structures with liquid tanks and comparison with experimental tests	APPLIED OCEAN RESEARCH	0	2015
Sutherland, B. R.; Keating, S.; Shrivastava, I.	Transmission and reflection of internal solitary waves incident upon a triangular barrier	JOURNAL OF FLUID MECHANICS	0	2015
Chen, Jie; Low, Kian Hsiang; Yao, Yujian; Jaillet, Patrick	Gaussian Process Decentralized Data Fusion and Active Sensing for Spatiotemporal Traffic Modeling and Prediction in Mobility-on-Demand Systems	IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING	0	2015
Wang, Ruo-Qian; Adams, E. Eric; Law, Adrian Wing-Keung; Lai, Adrian C. H.	Scaling Particle Cloud Dynamics: From Lab to Field	JOURNAL OF HYDRAULIC ENGINEERING	0	2015
Sojoudi, Hossein; Walsh, Matthew R.; Gleason, Karen K.; McKinley, Gareth H.	Investigation into the Formation and Adhesion of Cyclopentane Hydrates on Mechanically Robust Vapor-Deposited Polymeric Coatings	LANGMUIR	3	2015
Couston, Louis-Alexandre; Mei, Chiang C.; Alam, Mohammad-Reza	Landslide tsunamis in lakes	JOURNAL OF FLUID MECHANICS	0	2015
Salehipour, H.; Peltier, W. R.; Mashayek, A.	Turbulent diapycnal mixing in stratified shear flows: the influence of Prandtl number on mixing efficiency and transition at high Reynolds number	JOURNAL OF FLUID MECHANICS	3	2015
Asadnia, Mohsen; Kottapalli, Ajay Giri Prakash; Haghighi, Reza; Cloitre, Audren; Alvarado, Pablo Valdivia y; Miao, Jianmin; Triantafyllou, Michael	MEMS sensors for assessing flow- related control of an underwater biomimetic robotic stingray	BIOINSPIRATION & BIOMIMETICS	1	2015
Kadri, Usama; Weihs, Daniel	Higher order hydrodynamic interaction between two slender bodies in potential flow	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2015

作者	题目	刊名	被引次数	发表年份
Cardin, Michel-Alexandre; Ranjbar-Bourani, Mehdi; de Neufville, Richard	Improving the Lifecycle Performance of Engineering Projects with Flexible Strategies: Example of On-Shore LNG Production Design	SYSTEMS ENGINEERING	2	2015
Epps, Brenden; Viquez, Oscar; Chryssostomidis, Chryssostomos	A Method for Propeller Blade Optimization and Cavitation Inception Mitigation	JOURNAL OF SHIP PRODUCTION AND DESIGN	0	2015
Wuestemeyer, Christoph; Madlener, Reinhard; Bunn, Derek W.	A stakeholder analysis of divergent supply-chain trends for the European onshore and offshore wind installations	ENERGY POLICY	1	2015
Sojoudi, Hossein; Walsh, Matthew R.; Gleason, Karen K.; McKinley, Gareth H.	Designing Durable Vapor-Deposited Surfaces for Reduced Hydrate Adhesion	ADVANCED MATERIALS INTERFACES	3	2015
Thang Van Nguyen; Jeong, Youngmin; Shin, Hyundong; Win, Moe Z.	Least Square Cooperative Localization	IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY	1	2015
Wang, Belong; Guo, Xiaoyu; Mei, Chiang C.	Surface water waves over a shallow canopy	JOURNAL OF FLUID MECHANICS	0	2015
Vemengo, Giuliano; Brizzolara, Stefano; Bruzzzone, Dario	Resistance and Seakeeping Optimization of a Fast Multihull Passenger Ferry	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	1	2015
Yuan, Jing; Madsen, Ole S.	Experimental and theoretical study of wave-current turbulent boundary layers	JOURNAL OF FLUID MECHANICS	1	2015
Liu, Philip L. -F.; Chang, Che-Wei; Mei, Chiang C.; Lomonaco, Pedro; Martin, Francisco L.; Maza, Maria	Periodic water waves through an aquatic forest	COASTAL ENGINEERING	2	2015
Yang, Rong; Moni, Priya; Gleason, Karen K.	Ultrathin Zwitterionic Coatings for Roughness-Independent Underwater	ADVANCED MATERIALS INTERFACES	8	2015

作者	题目	刊名	被引 次数	发表年份
	Superoleophobicity and Gravity-Driven Oil-Water Separation			
Rao, Zhibiao; Vandiver, J. Kim; Jhingran, Vikas	Vortex induced vibration excitation competition between bare and buoyant segments of flexible cylinders	OCEAN ENGINEERING	2	2015
Bai, Peng; Viswanathan, Venkatasubramanian; Bazant, Martin Z.	A dual-mode rechargeable lithium-bromine/oxygen fuel cell	JOURNAL OF MATERIALS CHEMISTRY A	1	2015
Sung, Hong Gun; Baek, Hyongsu; Hong, Sup; Choi, Jong-Su	Numerical study of vortex-induced vibration of pivoted cylinders	OCEAN ENGINEERING	1	2015
Kadri, Usama	Wave motion in a heavy compressible fluid: Revisited	EUROPEAN JOURNAL OF MECHANICS B-FLUIDS	4	2015
Kottapalli, Ajay Giri Prakash; Asadnia, Mohsen; Miao, Jianmin; Triantafyllou, Michael	Soft polymer membrane micro-sensor arrays inspired by the mechanosensory lateral line on the blind cavefish	JOURNAL OF INTELLIGENT MATERIAL SYSTEMS AND STRUCTURES	3	2015
Maertens, Audrey P.; Weymouth, Gabriel D.	Accurate Cartesian-grid simulations of near-body flows at intermediate Reynolds numbers	COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING	3	2015
Cousins, Will; Sapsis, Themistoklis P.	Reduced Order Prediction of Oceanic Rogue Waves	NAVAL ENGINEERS JOURNAL	0	2014
Woerner, Kyle; Benjamin, Michael	Safety and Efficiency Analysis of Autonomous Collision Avoidance Using Multi-objective Optimization with Interval Programming	NAVAL ENGINEERS JOURNAL	0	2014
Bates, E. A.; Salazar, A.; Driscoll, M. J.; Baglietto, E.; Buongiorno, J.	PLUG DESIGN FOR DEEP BOREHOLE DISPOSAL OF HIGH-LEVEL NUCLEAR WASTE	NUCLEAR TECHNOLOGY	0	2014

作者	题目	刊名	被引次数	发表年份
Eppinger, Steven D.; Joglekar, Nitin R.; Olechowski, Alison; Teo, Terence	Improving the systems engineering process with multilevel analysis of interactions	AI EDAM-ARTIFICIAL INTELLIGENCE FOR ENGINEERING DESIGN ANALYSIS AND MANUFACTURING	2	2014
Picard, Mathieu; Baelden, Camille; Wu, You; Chang, Le; Slocum, Alexander H.	EXTRACTION OF URANIUM FROM SEAWATER: DESIGN AND TESTING OF A SYMBIOTIC SYSTEM	NUCLEAR TECHNOLOGY	0	2014
Gong, Zheng; Jain, Ankita D.; Duong Tran; Yi, Dong Hoon; Wu, Fan; Zorn, Alexander; Ratilal, Purnima; Makris, Nicholas C.	Ecosystem Scale Acoustic Sensing Reveals Humpback Whale Behavior Synchronous with Herring Spawning Processes and Re-Evaluation Finds No Effect of Sonar on Humpback Song Occurrence in the Gulf of Maine in Fall 2006	PLOS ONE	2	2014
Guo, Xiaoyu; Wang, Benlong; Mei, Chiang C.	Flow and solute transport through a periodic array of vertical cylinders in shallow water	JOURNAL OF FLUID MECHANICS	1	2014
Buehler, Oliver; Callies, Joern; Ferrari, Raffaele	Wave-vortex decomposition of one-dimensional ship-track data	JOURNAL OF FLUID MECHANICS	9	2014
Song, H. C.; Mikhalevsky, Peter N.; Baggeroer, Arthur B.	Transarctic acoustic telemetry (L)	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2014
Maertens, Audrey P.; Triantafyllou, Michael S.	The boundary layer instability of a gliding fish helps rather than prevents object identification	JOURNAL OF FLUID MECHANICS	1	2014
Zhong, Chao; Gurry, Thomas; Cheng, Allen A.; Downey, Jordan; Deng,	Strong underwater adhesives made by self-assembling multi-protein nanofibres	NATURE NANOTECHNOLOGY	19	2014

作者	题目	刊名	被引次数	发表年份
Zhengtao; Stultz, Collin M.; Lu, Timothy K.				
Zheng, Haining; Price, Rachel E.; Modarres-Sadeghi, Yahya; Triantafyllou, Michael S.	On fatigue damage of long flexible cylinders due to the higher harmonic force components and chaotic vortex-induced vibrations	OCEAN ENGINEERING	1	2014
Mei, Chiang C.	Note on modified Zakharov's equation accounting for scattering in disordered media	EUROPEAN JOURNAL OF MECHANICS B-FLUIDS	0	2014
Bates, E. A.; Driscoll, M. J.; Lester, R. K.; Arnold, B. W.	Can deep boreholes solve America's nuclear waste problem?	ENERGY POLICY	3	2014
Gondal, Mohammed A.; Sadullah, Muhammad S.; Dastageer, Mohamed A.; McKinley, Gareth H.; Panchanathan, Divya; Varanasi, Kripa K.	Study of Factors Governing Oil-Water Separation Process Using TiO <sub>2</sub> Films Prepared by Spray Deposition of Nanoparticle Dispersions	ACS APPLIED MATERIALS & INTERFACES	22	2014
Amos, Helen M.; Jacob, Daniel J.; Kocman, David; Horowitz, Hannah M.; Zhang, Yanxu; Dutkiewicz, Stephanie; Horvat, Milena; Corbitt, Elizabeth S.; Krabbenhoft, David P.; Sunderland, Elsie M.	Global Biogeochemical Implications of Mercury Discharges from Rivers and Sediment Burial	ENVIRONMENTAL SCIENCE & TECHNOLOGY	26	2014
Mei, Chiang C.	Nonlinear resonance in Anaconda	JOURNAL OF FLUID MECHANICS	0	2014
Stuber, Matthew D.; Wechsung, Achim; Sundaramoorthy, Arul; Barton, Paul I.	Worst-case design of subsea production facilities using semi-infinite programming	AICHE JOURNAL	1	2014
Yuan, Jing; Madsen, Ole. S.	Experimental study of turbulent oscillatory	COASTAL ENGINEERING	1	2014

作者	题目	刊名	被引 次数	发表年份
Reyes, Bersain A.; Posada-Quintero, Hugo F.; Bales, Justin R.; Clement, Amanda L.; Pins, George D.; Swiston, Albert; Riistama, Jarno; Florian, John P.; Shykoff, Barbara; Qin, Michael; Chon, Ki H.	boundary layers in an oscillating water tunnel Novel Electrodes for Underwater ECG Monitoring	IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING	7	2014
Johnson, Alexandria; Lasher-Trapp, Sonia; Bansemer, Aaron; Ulanowski, Z.; Heymsfield, Andrew J.	Difficulties in Early Ice Detection with the Small Ice Detector-2 HIAPER (SID-2H) in Maritime Cumuli	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	4	2014
Tran, Duong D.; Huang, Wei; Bohn, Alexander C.; Wang, Delin; Gong, Zheng; Makris, Nicholas C.; Ratilal, Purnima	Using a coherent hydrophone array for observing sperm whale range, classification, and shallow-water dive profiles	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	3	2014
Hopkins, Brandon J.; Padhye, Nikhil; Greenlee, Alison; Torres, James; Thomas, Levon; Ljubicic, Dean M.; Kassner, Mortiz P.; Slocum, Alexander H.	Damping Pressure Pulsations in a Wave-Powered Desalination System	JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME	0	2014
Mazumdar, Anirban; Asada, H. Harry	Control-Configured Design of Spheroidal, Appendage-Free, Underwater Vehicles	IEEE TRANSACTIONS ON ROBOTICS	3	2014
Papadopoulos, Georgios; Kurniawati, Hanna; Shariff, Ahmed Shafeeq Bin Mohd; Wong, Liang Jie; Patrikalakis, Nicholas M.	Experiments on Surface Reconstruction for Partially Submerged Marine Structures	JOURNAL OF FIELD ROBOTICS	2	2014
Jain, Ankita D.; Ignisca, Anamaria; Yi, Dong Hoon; Ratilal, Purnima; Makris,	Feasibility of Ocean Acoustic Waveguide Remote Sensing ( OAWRS) of Atlantic Cod with Seafloor	REMOTE SENSING	1	2014

作者	题目	刊名	被引 次数	发表年份
Nicholas C.	Scattering Limitations			
Holten-Andersen, Niels; Jaishankar, Aditya; Harrington, Matthew J.; Fullenkamp, Dominic E.; DiMarco, Genevieve; He, Lihong; McKinley, Gareth H.; Messersmith, Phillip B.; Leei, Ka Yee C.	Metal-coordination: using one of nature's tricks to control soft material mechanics	JOURNAL OF MATERIALS CHEMISTRY B	27	2014
Murphy, Chris; Walls, Jeffrey M.; Schneider, Toby; Eustice, Ryan M.; Stojanovic, Milica; Singh, Hanumant	CAPTURE: A Communications Architecture for Progressive Transmission via Underwater Relays With Eavesdropping	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2014
Petillo, Stephanie; Schmidt, Henrik	Exploiting Adaptive and Collaborative AUV Autonomy for Detection and Characterization of Internal Waves	IEEE JOURNAL OF OCEANIC ENGINEERING	3	2014
Qin, Zhao; Buehler, Markus J.	Molecular mechanics of mussel adhesion proteins	JOURNAL OF THE MECHANICS AND PHYSICS OF SOLIDS	8	2014
Malcolm, Alison; Nicholls, David P.	Operator expansions and constrained quadratic optimization for interface reconstruction: Impenetrable periodic acoustic media	WAVE MOTION	1	2014
Winokur, Justin; Conrad, Patrick; Sraj, Ihab; Knio, Omar; Srinivasan, Ashwanth; Thacker, W. Carlisle; Marzouk, Youssef; Iskandarani, Mohamed	A priori testing of sparse adaptive polynomial chaos expansions using an ocean general circulation model database	COMPUTATIONAL GEOSCIENCES	6	2013
Winckler, Patricio; Liu, Philip L. -F.; Mei, Chiang C.	Advective Diffusion of Contaminants in the Surf Zone	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN	0	2013

作者	题目	刊名	被引 次数	发表年份
Heaney, Kevin D.; Campbell, Richard L.; Murray, James J.; Baggeroer, Arthur B.; Scheer, Eddie K.; Stephen, Ralph A.; D'Spain, Gerald L.; Mercer, James A.	Deep water towed array measurements at close range	ENGINEERING JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2013
Freeman, Simon E.; D'Spain, Gerald L.; Lynch, Stephen D.; Stephen, Ralph A.; Heaney, Kevin D.; Murray, James J.; Baggeroer, Arthur B.; Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.	Estimating the horizontal and vertical direction-of-arrival of water-borne seismic signals in the northern Philippine Sea	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2013
Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.; Andrew, Rex K.; Dushaw, Brian D.; Baggeroer, Arthur B.; Heaney, Kevin D.; D'Spain, Gerald L.; Colosi, John A.; Stephen, Ralph A.; Kemp, John N.; Howe, Bruce M.; Van Uffelen, Lora J.; Wage, Kathleen E.	The North Pacific Acoustic Laboratory deep-water acoustic propagation experiments in the Philippine Sea	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	7	2013
Perrons, Robert K.; Richards, Matthew G.	Applying maintenance strategies from the space and satellite sector to the upstream oil and gas industry: A research agenda	ENERGY POLICY	2	2013
Doniec, Marek; Angermann, Michael; Rus, Daniela	An End-to-End Signal Strength Model for Underwater Optical Communications	IEEE JOURNAL OF OCEANIC ENGINEERING	2	2013
Schneider, Toby; Schmidt, Henrik	A State Observation Technique for Highly Compressed Source Coding of Autonomous	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2013



作者	题目	刊名	被引次数	发表年份
	Underwater Vehicle Position			
Asadnia, Mohsen; Kottapalli, Ajay Giri Prakash; Shen, Zhiyuan; Miao, Jianmin; Triantafyllou, Michael	Flexible and Surface-Mountable Piezoelectric Sensor Arrays for Underwater Sensing in Marine Vehicles	IEEE SENSORS JOURNAL	15	2013
Fried, Stephanie E.; Walker, Shane C.; Hodgkiss, William S.; Kuperman, W. A.	Measuring the effect of ambient noise directionality and split-beam processing on the convergence of the cross-correlation function	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	4	2013
Mazumdar, Anirban; Asada, H. Harry	Pulse Width Modulation of Water Jet Propulsion Systems Using High-Speed Coanda-Effect Valves	JOURNAL OF DYNAMIC SYSTEMS MEASUREMENT AND CONTROL-TRANSACTIONS OF THE ASME	1	2013
Hafner, Michael R.; Cunningham, Drew; Caminiti, Lorenzo; Del Vecchio, Domitilla	Cooperative Collision Avoidance at Intersections: Algorithms and Experiments	IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS SYSTEMS ENGINEERING	27	2013
Aliakbargolkar, Alessandro; Crawley, Edward F.	Architecting methodology for spatially and temporally distributed resource extraction systems		0	2013
Englot, Brendan; Hover, Franz S.	Three-dimensional coverage planning for an underwater inspection robot	INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH	5	2013
Shin, Won-Yong; Lucani, Daniel E.; Medard, Muriel; Stojanovic, Milica; Tarokh, Vahid	On the Effects of Frequency Scaling Over Capacity Scaling in Underwater Networks-Part I: Extended Network Model	WIRELESS PERSONAL COMMUNICATIONS	2	2013
Shin, Won-Yong; Lucani, Daniel E.; Medard, Muriel; Stojanovic, Milica; Tarokh, Vahid	On the Effects of Frequency Scaling Over Capacity Scaling in Underwater Networks-Part II: Dense Network Model	WIRELESS PERSONAL COMMUNICATIONS	5	2013

作者	题目	刊名	被引次数	发表年份
Khushrushahi, S.; Zahn, M.; Hatton, T. A.	MAGNETIC SEPARATION METHOD FOR OIL SPILL CLEANUP	MAGNETOHYDRODYNAMICS	4	2013
Fallon, Maurice F.; Folkesson, John; McClelland, Hunter; Leonard, John J. Schneider, Toby; Schmidt, Henrik	Relocating Underwater Features Autonomously Using Sonar-Based SLAM Model-Based Adaptive Behavior Framework for Optimal Acoustic Communication and Sensing by Marine Robots	IEEE JOURNAL OF OCEANIC ENGINEERING IEEE JOURNAL OF OCEANIC ENGINEERING	5 3	2013 2013
Sitti, Metin; Menciassi, Arianna; Ijspeert, Auke Jan; Low, Kin Huat; Kim, Sangbae	Survey and Introduction to the Focused Section on Bio-Inspired Mechatronics	IEEE-ASME TRANSACTIONS ON MECHATRONICS	11	2013
Slocum, Alexander H.; Fennell, Gregory E.; Duendar, Goekhan; Hodder, Brian G.; Meredith, James D. C.; Sager, Monique A.	Ocean Renewable Energy Storage (ORES) System: Analysis of an Undersea Energy Storage Concept	PROCEEDINGS OF THE IEEE	5	2013
Adams, Thomas A., II; Nease, Jake; Tucker, David; Barton, Paul I.	Energy Conversion with Solid Oxide Fuel Cell Systems: A Review of Concepts and Outlooks for the Short- and Long-Term	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	18	2013
Weymouth, Gabriel D.; Yue, Dick K. P.	Physics-Based Learning Models for Ship Hydrodynamics	JOURNAL OF SHIP RESEARCH	0	2013
Garnier, Erell-Isis; Huang, Zhenhua; Mei, Chiang C.	Nonlinear long waves over a muddy beach	JOURNAL OF FLUID MECHANICS	0	2013
Deng, Da; Prendergast, Daniel P.; MacFarlane, John; Bagatin, Roberto; Stellacci, Francesco; Gschwend, Philip M.	Hydrophobic Meshes for Oil Spill Recovery Devices	ACS APPLIED MATERIALS & INTERFACES	38	2013
Lin, Jijun; de Weck, Olivier; de Neufville, Richard; Yue, Howard K.	Enhancing the value of offshore developments with flexible subsea tiebacks	JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	7	2013

作者	题目	刊名	被引次数	发表年份
Gilbertson, Eric; Hover, Franz; Freeman, Bryan	A Thermally Actuated Gas-Lift Safety Valve	SPE PRODUCTION & OPERATIONS	1	2013
Goh, B. H. T.; Oh, Y. D. A.; Klaseboer, E.; Ohl, S. W.; Khoo, B. C.	A low-voltage spark-discharge method for generation of consistent oscillating bubbles	REVIEW OF SCIENTIFIC INSTRUMENTS	2	2013
Wunsch, Carl	Baroclinic Motions and Energetics as Measured by Altimeters	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2013
Hollinger, Geoffrey A.; Englot, Brendan; Hover, Franz S.; Mitra, Urbashi; Sukhatme, Gaurav S.	Active planning for underwater inspection and the benefit of adaptivity	INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH	28	2013
Zhao, Bing; Law, Adrian W. K.; Huang, Zhenhua; Adams, E. Eric; Lai, Adrian C. H.	Behavior of Sediment Clouds in Waves	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	3	2013
Dusek, J.; Kottapalli, A. G. P.; Woo, M. E.; Asadnia, M.; Miao, J.; Lang, J. H.; Triantafyllou, M. S.	Development and testing of bio-inspired microelectromechanical pressure sensor arrays for increased situational awareness for marine vehicles	SMART MATERIALS AND STRUCTURES	7	2013
Heisey, Curtis W.; Hendrickson, Adam G.; Chludzinski, Barbara J.; Cole, Rodney E.; Ford, Mark; Herbek, Larry; Ljungberg, Magnus; Magdum, Zakir; Marquis, D.; Mezhirov, Alexander; Pennell, John L.; Roe, Ted A.; Weinert, Andrew J.	A Reference Software Architecture to Support Unmanned Aircraft Integration in the National Airspace System	JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS	1	2013
Yu, Jie; Howard, Louis N.	Exact Floquet theory for waves over arbitrary periodic topographies	JOURNAL OF FLUID MECHANICS	8	2012
Kottapalli, A. G. P.; Asadnia, M.; Miao, J.	Polymer MEMS pressure sensor arrays for fish-like	MICRO & NANO LETTERS	3	2012

作者	题目	刊名	被引次数	发表年份
M.; Tan, C. W.; Barbastathis, G.; Triantafyllou, M.	underwater sensing applications			
Kottapalli, A. G. P.; Asadnia, M.; Miao, J. M.; Barbastathis, G.; Triantafyllou, M. S.	A flexible liquid crystal polymer MEMS pressure sensor array for fish-like underwater sensing	SMART MATERIALS AND STRUCTURES	21	2012
Gaspar, Henrique M.; Rhodes, Donna H.; Ross, Adam M.; Erikstad, Stein Ove	Addressing Complexity Aspects in Conceptual Ship Design: A Systems Engineering Approach	JOURNAL OF SHIP PRODUCTION AND DESIGN	2	2012
Hover, Franz S.; Eustice, Ryan M.; Kim, Ayoung; Englot, Brendan; Johannsson, Hordur; Kaess, Michael; Leonard, John J.	Advanced perception, navigation and planning for autonomous in-water ship hull inspection	INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH	30	2012
Rogers, A. E. E.; Erickson, P.; Fish, V. L.; Kittredge, J.; Danford, S.; Marr, J. M.; Arndt, M. B.; Sarabia, J.; Costa, D.; May, S. K.	Repeatability of the Seasonal Variations of Ozone near the Mesopause from Observations of the 11.072-GHz Line	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2012
Driscoll, M. J.; Lester, R. K.; Jensen, K. G.; Arnold, B. W.; Swift, P. N.; Brady, P. V.	TECHNOLOGY AND POLICY ASPECTS OF DEEP BOREHOLE NUCLEAR WASTE DISPOSAL	NUCLEAR TECHNOLOGY	6	2012
Ramesh, Sai Sudha; Lim, K. M.; Khoo, B. C.	An axisymmetric hypersingular boundary integral formulation for simulating acoustic wave propagation in supercavitating flows	JOURNAL OF SOUND AND VIBRATION	4	2012
Sclavounos, Paul D.	Karhunen-Loeve representation of stochastic ocean waves	PROCEEDINGS OF THE ROYAL SOCIETY A-MATHEMATICAL PHYSICAL AND ENGINEERING SCIENCES	5	2012
Mercier, Matthieu J.; Mathur,	Soliton generation by internal tidal beams impinging	JOURNAL OF FLUID	23	2012

作者	题目	刊名	被引 次数	发表年份
Manikandan; Gostiaux, Louis; Gerkema, Theo; Magalhaes, Jorge M.; Da Silva, Jose C. B.; Dauxois, Thierry	on a pycnocline: laboratory experiments	MECHANICS		
Yaul, Frank M.; Bulovic, Vladimir; Lang, Jeffrey H.	A Flexible Underwater Pressure Sensor Array Using a Conductive Elastomer Strain Gauge	JOURNAL OF MICROELECTROMECHANICAL SYSTEMS	6	2012
Gaspar, H. M.; Erikstad, S. O.; Ross, A. M.	HANDLING TEMPORAL COMPLEXITY IN THE DESIGN OF NON-TRANSPORT SHIPS USING EPOCH-ERA ANALYSIS	INTERNATIONAL JOURNAL OF MARITIME ENGINEERING	1	2012
Hollinger, Geoffrey A.; Choudhary, Sunav; Qarabaqi, Parastoo; Murphy, Christopher; Mitra, Urbashi; Sukhatme, Gaurav S.; Stojanovic, Milica; Singh, Hanumant; Hover, Franz	Underwater Data Collection Using Robotic Sensor Networks	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	30	2012
Mei, Chiang C.	Note on tidal diffraction by a coastal barrier	APPLIED OCEAN RESEARCH	1	2012
Sclavounos, Paul D.	Nonlinear impulse of ocean waves on floating bodies	JOURNAL OF FLUID MECHANICS	8	2012
Lin, Jijun; de Weck, Olivier; MacGowan, David	Modeling epistemic subsurface reservoir uncertainty using a reverse Wiener jump-diffusion process	JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	4	2012
Teo, Chee-Chong; Bhatnagar, Rohit; Graves, Stephen C.	An Application of Master Schedule Smoothing and Planned Lead Time Control	PRODUCTION AND OPERATIONS MANAGEMENT	1	2012
Detweiler, Carrick; Doniec, Marek; Vasilescu, Iuliu; Rus, Daniela	Autonomous Depth Adjustment for Underwater Sensor Networks: Design and Applications	IEEE-ASME TRANSACTIONS ON MECHATRONICS	11	2012
Wilson, David Gordon	Energy supplies and future engines for land, sea, and	JOURNAL OF THE AIR & WASTE	6	2012

作者	题目	刊名	被引 次数	发表年份
Petillo, Stephanie; Schmidt, Henrik; Balasuriya, Arjuna	air Constructing a Distributed AUV Network for Underwater Plume-Tracking Operations	MANAGEMENT ASSOCIATION INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS	3	2012
Yang, Rong; Asatekin, Ayse; Gleason, Karen K.	Design of conformal, substrate-independent surface modification for controlled protein adsorption by chemical vapor deposition (CVD)	SOFT MATTER	32	2012
Alam, Mohammad-Reza; Liu, Yuming; Yue, Dick K. P.	Attenuation of short surface waves by the sea floor via nonlinear sub-harmonic interaction	JOURNAL OF FLUID MECHANICS	10	2011
Greytak, Matthew B.; Hover, Franz S.	A Single Differential Equation for First-Excursion Time in a Class of Linear Systems	JOURNAL OF DYNAMIC SYSTEMS MEASUREMENT AND CONTROL-TRANSACTIONS OF THE ASME	1	2011
Siddiqi, Afreen; Bounova, Gergana; de Weck, Olivier L.; Keller, Rene; Robinson, Bob	A Posteriori Design Change Analysis for Complex Engineering Projects	JOURNAL OF MECHANICAL DESIGN	8	2011
Pelekanakis, Konstantinos; Baggeroer, Arthur B.	Exploiting Space-Time-Frequency Diversity With MIMO-OFDM for Underwater Acoustic Communications	IEEE JOURNAL OF OCEANIC ENGINEERING	5	2011
Vasilescu, Iuliu; Detweiler, Carrick; Rus, Daniela	Color-accurate underwater imaging using perceptual adaptive illumination	AUTONOMOUS ROBOTS	6	2011
Smith, Ryan N.; Schwager, Mac; Smith, Stephen L.; Jones, Burton H.; Rus, Daniela; Sukhatme, Gaurav S.	Persistent Ocean Monitoring with Underwater Gliders: Adapting Sampling Resolution	JOURNAL OF FIELD ROBOTICS	45	2011

作者	题目	刊名	被引次数	发表年份
Rominger, Jeffrey T.; Nepf, Heidi M.	Flow adjustment and interior flow associated with a rectangular porous obstruction	JOURNAL OF FLUID MECHANICS	35	2011
Tripathy, Anshuman; Eppinger, Steven D.	Organizing Global Product Development for Complex Engineered Systems	IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT	15	2011
Wechsung, Achim; Aspelund, Audun; Gundersen, Truls; Barton, Paul I.	Synthesis of Heat Exchanger Networks at Subambient Conditions with Compression and Expansion of Process Streams	AICHE JOURNAL	28	2011
Li, Xiang; Armagan, Emre; Tomasgard, Asgeir; Barton, Paul I.	Stochastic Pooling Problem for Natural Gas Production Network Design and Operation Under Uncertainty	AICHE JOURNAL	30	2011
Kottapalli, A. G. P.; Tan, C. W.; Olfatnia, M.; Miao, J. M.; Barbastathis, G.; Triantafyllou, M.	A liquid crystal polymer membrane MEMS sensor for flow rate and flow direction sensing applications	JOURNAL OF MICROMECHANICS AND MICROENGINEERING	15	2011
Sen, Dipanjan; Buehler, Markus J.	Structural hierarchies define toughness and defect-tolerance despite simple and mechanically inferior brittle building blocks	SCIENTIFIC REPORTS	60	2011
Fernandez, Vicente I.; Maertens, Audrey; Yaul, Frank M.; Dahl, Jason; Lang, Jeffrey H.; Triantafyllou, Michael S.	Lateral-Line-Inspired Sensor Arrays for Navigation and Object Identification	MARINE TECHNOLOGY SOCIETY JOURNAL	29	2011
Le, Jia-Liang; Bazant, Zdenek P.; Bazant, Martin Z.	Unified nano-mechanics based probabilistic theory of quasibrittle and brittle structures: I. Strength, static crack growth, lifetime and scaling	JOURNAL OF THE MECHANICS AND PHYSICS OF SOLIDS	39	2011
Roquet, Fabien; Charrassin, Jean-Benoit; Marchand, Stephane; Boehme, Lars;	Delayed-Mode Calibration of Hydrographic Data Obtained from Animal-Borne Satellite Relay Data	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	21	2011

作者	题目	刊名	被引 次数	发表年份
Fedak, Mike; Reverdin, Gilles; Guinet, Christophe	Loggers			
Bhatnagar, Rohit; Mehta, Peeyush; Teo, Chee Chong	Coordination of planning and scheduling decisions in global supply chains with dual supply modes	INTERNATIONAL JOURNAL OF PRODUCTION ECONOMICS	9	2011
Wang, Yang; Liu, Philip L. -F.; Mei, Chiang C.	Solid landslide generated waves	JOURNAL OF FLUID MECHANICS	1	2011
Plotnik, Aaron; Rock, Stephen	Hybrid Estimation Using Perceptual Information: Robotic Tracking of Deep Ocean Animals	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2011
Yan, Hongmei; Liu, Yuming	Nonlinear Computation of Water Impact of Axisymmetric Bodies	JOURNAL OF SHIP RESEARCH	1	2011
Tulliani, Jean-Marc; Cavalieri, Alessio; Musso, Simone; Sardella, Eloisa; Geobaldo, Francesco	Room temperature ammonia sensors based on zinc oxide and functionalized graphite and multi-walled carbon nanotubes	SENSORS AND ACTUATORS B-CHEMICAL	40	2011
Gonzalez-Rodriguez, David; Madsen, Ole Secher	Boundary-layer hydrodynamics and bedload sediment transport in oscillating water tunnels	JOURNAL OF FLUID MECHANICS	11	2011
Yan, Hongmei; Liu, Yuming	An efficient high-order boundary element method for nonlinear wave-wave and wave-body interactions	JOURNAL OF COMPUTATIONAL PHYSICS	17	2011
Wadud, Zia; Waitz, Ian A.	Comparison of Air Quality-Related Mortality Impacts of Different Transportation Modes in the United States	TRANSPORTATION RESEARCH RECORD	1	2011



作者	题目	刊名	被引次数	发表年份
Yang, Hyun; Oh, Eunsong; Choi, Jong-Kuk; Park, Young-Je; Han, Hee-Jeong	Application of Geostationary Ocean Color Imager Data to the extraction of ocean fronts	REMOTE SENSING LETTERS	0	2016
Pope, Ed L.; Willis, Ian C.; Pope, Allen; Miles, Evan S.; Arnold, Neil S.; Rees, W. Gareth	Contrasting snow and ice albedos derived from MODIS, Landsat ETM plus and airborne data from Langjokull, Iceland	REMOTE SENSING OF ENVIRONMENT	0	2016
Miller, Brian S.; Calderan, Susannah; Gillespie, Douglas; Weatherup, Graham; Leaper, Russell; Collins, Kym; Double, Michael C.	Software for real-time localization of baleen whale calls using directional sonobuoys: A case study on Antarctic blue whales	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2016
Brito, Mario; Griffiths, Gwyn	A Bayesian approach for predicting risk of autonomous underwater vehicle loss during their missions	RELIABILITY ENGINEERING & SYSTEM SAFETY	0	2016
Williamson, Benjamin J.; Blondel, Philippe; Armstrong, Eric; Bell, Paul S.; Hall, Chris; Waggitt, James J.; Scott, Beth E.	A Self-Contained Subsea Platform for Acoustic Monitoring of the Environment Around Marine Renewable Energy Devices-Field Deployments at Wave and Tidal Energy Sites in Orkney, Scotland	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2016
Bell, Paul S.; Bird, Cai O.; Plater, Andrew J.	A temporal waterline approach to mapping intertidal areas using X-band marine radar	COASTAL ENGINEERING	0	2016
Nightingale, Adrian M.; Beaton, Alexander D.; Mowlem, Matthew C.	Trends in microfluidic systems for in situ chemical analysis of natural waters	SENSORS AND ACTUATORS B-CHEMICAL	0	2015
Papathanasopoulou, Eleni; Beaumont, Nicola; Hooper, Tara; Nunes, Joana; Queiros, Ana M.	Energy systems and their impacts on marine ecosystem services	RENEWABLE &SUSTAINABLE	1	2015

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Hemsley, Victoria S.; Smyth, Timothy J.; Martin, Adrian P.; Frajka-Williams, Eleanor; Thompson, Andrew F.; Damerell, Gillian; Painter, Stuart C.	Estimating Oceanic Primary Production Using Vertical Irradiance and Chlorophyll Profiles from Ocean Gliders in the North Atlantic	ENERGY REVIEWS ENVIRONMENTAL SCIENCE & TECHNOLOGY	1	2015
Brewin, Robert J. W.; Sathyendranath, Shubha; Jackson, Thomas; Barlow, Ray; Brotas, Vanda; Airs, Ruth; Lamont, Tarron	Influence of light in the mixed-layer on the parameters of a three-component model of phytoplankton size class	REMOTE SENSING OF ENVIRONMENT	1	2015
Colenutt, Andrew; Westhead, Keith; Evans, Jon; McVey, Stuart; Le Bas, Tim	Interpreting monitoring data for shoreline and geohazard mapping	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-MARITIME ENGINEERING	1	2015
Jones, D. G.; Beaubien, S. E.; Blackford, J. C.; Foekema, E. M.; Lions, J.; De Vittor, C.; West, J. M.; Widdicombe, S.; Hauton, C.; Queiros, A. M.	Developments since 2005 in understanding potential environmental impacts of CO <sub>2</sub> leakage from geological storage	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	6	2015
Brewin, Robert J. W.; Raitsos, Dionysios E.; Dall'Olmo, Giorgio; Zarokanellos, Nikolaos; Jackson, Thomas; Racault, Marie-Fanny; Boss, Emmanuel S.; Sathyendranath, Shubha; Jones, Burt H.; Hoteit, Ibrahim	Regional ocean-colour chlorophyll algorithms for the Red Sea	REMOTE SENSING OF ENVIRONMENT	1	2015
Taylor, Peter; Stahl, Henrik; Vardy, Mark E.; Bull, Jonathan M.; Akhurst, Maxine; Hauton, Chris; James, Rachel H.; Lichtschlag, Anna;	A novel sub-seabed CO <sub>2</sub> release experiment informing monitoring and impact assessment for geological carbon storage	INTERNATIONAL JOURNAL OF GREENHOUSE GAS	16	2015

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Long, Dave; Aleynik, Dmitry; Toberman, Matthew; Naylor, Mark; Connelly, Douglas; Smith, Dave; Sayer, Martin D. J.; Widdicombe, Steve; Wright, Ian C.; Blackford, Jerry		CONTROL		
Mabon, Leslie; Shackley, Simon; Blackford, Jerry C.; Stahl, Henrik; Miller, Anuschka	Local perceptions of the QICS experimental offshore CO2 release: Results from social science research	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	1	2015
Cevatoglu, Melis; Bull, Jonathan M.; Vardy, Mark E.; Gernon, Thomas M.; Wright, Ian C.; Long, David	Gas migration pathways, controlling mechanisms and changes in sediment acoustic properties observed in a controlled sub-seabed CO2 release experiment	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	6	2015
Taylor, Peter; Lichtschlag, Anna; Toberman, Matthew; Sayer, Martin D. J.; Reynolds, Andy; Sato, Toru; Stahl, Henrik	Impact and recovery of pH in marine sediments subject to a temporary carbon dioxide leak	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	6	2015
Tsukasaki, Ayumi; Suzumura, Masahiro; Lichtschlag, Anna; Stahl, Henrik; James, Rachael H.	Phosphorus behavior in sediments during a sub-seabed CO2 controlled release experiment	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	2	2015
Atamanchuk, Dariia; Tengberg, Anders; Aleynik, Dmitry; Fietzek, Peer; Shitashima, Kiminori; Lichtschlag, Anna; Hall, Per O. J.; Stahl, Henrik	Detection of CO2 leakage from a simulated sub-seabed storage site using three different types of pCO(2) sensors	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	8	2015

作者	题目	刊名	被引 次数	发表年份
Tait, Karen; Stahl, Henrik; Taylor, Pete; Widdicombe, Stephen	Rapid response of the active microbial community to CO <sub>2</sub> exposure from a controlled sub-seabed CO <sub>2</sub> leak in Ardmucknish Bay (Oban, Scotland)	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	11	2015
Widdicombe, Stephen; McNeill, Caroline Louise; Stahl, Henrik; Taylor, Peter; Queiros, Ana M.; Nunes, Joana; Tait, Karen	Impact of sub-seabed CO <sub>2</sub> leakage on macrobenthic community structure and diversity	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	7	2015
Pratt, Nicola; Ciotti, Benjamin J.; Morgan, Elizabeth A.; Taylor, Peter; Stahl, Henrik; Hauton, Chris	No evidence for impacts to the molecular ecophysiology of ion or CO <sub>2</sub> regulation in tissues of selected surface-dwelling bivalves in the vicinity of a sub-seabed CO <sub>2</sub> release	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	3	2015
Kita, Jun; Stahl, Henrik; Hayashi, Masatoshi; Green, Tammy; Watanabe, Yuji; Widdicombe, Stephen	Benthic megafauna and CO <sub>2</sub> bubble dynamics observed by underwater photography during a controlled sub-seabed release of CO <sub>2</sub>	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	6	2015
Blackford, Jerry; Bull, Jonathan M.; Cevatoglu, Melis; Connelly, Douglas; Hauton, Chris; James, Rachael H.; Lichtschlag, Anna; Stahl, Henrik; Widdicombe, Steve; Wright, Ian C.	Marine baseline and monitoring strategies for carbon dioxide capture and storage (CCS)	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	4	2015
Tilstone, Gavin H.; Xie, Yu-yuan; Robinson, Carol; Serret, Pablo; Raitzos, Dionysios E.; Powell, Timothy; Aranguren-Gassis, Maria; Garcia-Martin, Enma Elena; Kitidis, Vassilis	Satellite estimates of net community production indicate predominance of net autotrophy in the Atlantic Ocean	REMOTE SENSING OF ENVIRONMENT	2	2015

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Dabbi, Edgar Peter; Haigh, Ivan D.; Lambkin, David; Herson, Jamie; Williams, Jon J.; Nicholls, Robert J.	Beyond significant wave height: A new approach for validating spectral wave models	COASTAL ENGINEERING	1	2015
Mueller, Dagmar; Krasemann, Hajo; Brewin, Robert J. W.; Brockmann, Carsten; Deschamps, Pierre-Yves; Doerffer, Roland; Fomferra, Norman; Franz, Bryan A.; Grant, Mike G.; Groom, Steve B.; Melin, Frederic; Platt, Trevor; Regner, Peter; Sathyendranath, Shubha; Steinmetz, Francois; Swinton, John	The Ocean Colour Climate Change Initiative: I. A methodology for assessing atmospheric correction processors based on in-situ measurements	REMOTE SENSING OF ENVIRONMENT	4	2015
Mueller, Dagmar; Krasemann, Hajo; Brewin, Robert J. W.; Brockmann, Carsten; Deschamps, Pierre-Yves; Doerffer, Roland; Fomferra, Norman; Franz, Bryan A.; Grant, Mike G.; Groom, Steve B.; Melin, Frederic; Platt, Trevor; Regner, Peter; Sathyendranath, Shubha; Steinmetz, Francois; Swinton, John	The Ocean Colour Climate Change Initiative: II. Spatial and temporal homogeneity of satellite data retrieval due to systematic effects in atmospheric correction processors	REMOTE SENSING OF ENVIRONMENT	2	2015
Ivanov, Vladimir; Maslov, Pavel; Aksenov, Yevgeny; Coward, Andrew	Shelf-basin exchange in the Laptev Sea in the warming climate: a model study	GEOPHYSICAL AND ASTROPHYSICAL FLUID DYNAMICS	0	2015
Dalton, Gordon; Allan, Grant; Beaumont, Nicola; Georgakaki, Alike; Hacking, Nick; Hooper, Tara; Kerr, Sandy; O'Hagan, Anne Marie; Reilly, Kieran; Ricci, Pierpaolo; Sheng,	Economic and socio-economic assessment methods for ocean renewable energy: Public and private perspectives	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	4	2015

作者	题目	刊名	被引次数	发表年份
Wanan; Stallard, Tim				
Racault, Marie-Fanny; Raitsos, Dionysios E.; Berumen, Michael L.; Brewin, Robert J. W.; Platt, Trevor; Sathyendranath, Shubha; Hoteit, Ibrahim	Phytoplankton phenology indices in coral reef ecosystems: Application to ocean-color observations in the Red Sea	REMOTE SENSING OF ENVIRONMENT	9	2015
Passaro, Marcello; Fenoglio-Marc, Luciana; Cipollini, Paolo	Validation of Significant Wave Height From Improved Satellite Altimetry in the German Bight	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	2	2015
Diviacco, Paolo; De Cauwer, Karien; Leadbetter, Adam; Sorribas, Jordi; Stojanov, Yvan; Busato, Alessandro; Cova, Andrea	Bridging semantically different paradigms in the field of marine acquisition event logging	EARTH SCIENCE INFORMATICS	0	2015
Prime, Thomas; Brown, Jennifer M.; Plater, Andrew J.	Physical and Economic Impacts of Sea-Level Rise and Low Probability Flooding Events on Coastal Communities	PLOS ONE	5	2015
Ray, Chris; Martin-Puig, Cristina; Clarizia, Maria Paola; Ruffini, Giulio; Dinardo, Salvatore; Gommenginger, Christine; Benveniste, Jerome	SAR Altimeter Backscattered Waveform Model	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	2	2015
Tilstone, Gavin H.; Taylor, Benjamin H.; Blondeau-Patissier, David; Powell, Tim; Groom, Steve B.; Rees, Andrew P.; Lucas, Mike I.	Comparison of new and primary production models using SeaWiFS data in contrasting hydrographic zones of the northern North Atlantic	REMOTE SENSING OF ENVIRONMENT	0	2015
Brito, Ana C.; Sa, Carolina; Brotas, Vanda; Brewin, Robert J. W.; Silva, Teresa; Vitorino,	Effect of phytoplankton size classes on bio-optical properties of phytoplankton in the Western Iberian	REMOTE SENSING OF ENVIRONMENT	2	2015

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Joao; Platt, Trevor; Sathyendranath, Shubha Brito, Mario; Smeed, David; Griffiths, Gwyn	coast: Application of models Underwater Glider Reliability and Implications for Survey Design	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2014
Neill, Simon P.; Lewis, Matt J.; Hashemi, M. Reza; Slater, Emma; Lawrence, John; Spall, Steven A.	Inter-annual and inter-seasonal variability of the Orkney wave power resource	APPLIED ENERGY	11	2014
Clarizia, Maria Paola; Ruf, Christopher S.; Jales, Philip; Gommenginger, Christine	Spaceborne GNSS-R Minimum Variance Wind Speed Estimator	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	8	2014
Racault, Marie-Fanny; Sathyendranath, Shubha; Platt, Trevor	Impact of missing data on the estimation of ecological indicators from satellite ocean-colour time-series	REMOTE SENSING OF ENVIRONMENT	5	2014
Ellis, Robert P.; Spicer, John I.; Byrne, Jonathan J.; Sommer, Ulf; Vian, Mark R.; White, Daniel A.; Widdicombe, Steve	H-1 NMR Metabolomics Reveals Contrasting Response by Male and Female Mussels Exposed to Reduced Seawater pH, Increased Temperature, and a Pathogen	ENVIRONMENTAL SCIENCE & TECHNOLOGY	12	2014
Stenson, Leo V.; Turnock, Stephen R.; Phillips, Alexander B.; Harris, Catherine; Furlong, Maaten E.; Rogers, Eric; Wang, Liuping; Bodles, Kenneth; Evans, Derek W.	Model predictive control of a hybrid autonomous underwater vehicle with experimental verification	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT	2	2014
Donlon, Craig J.; Wimmer, W.; Robinson, I;	A Second-Generation Blackbody System for the	JOURNAL OF	0	2014

作者	题目	刊名	被引 次数	发表年份
Fisher, G.; Ferlet, M.; Nightingale, T.; Bras, B.	Calibration and Verification of Seagoing Infrared Radiometers	ATMOSPHERIC AND OCEANIC TECHNOLOGY		
Firth, L. B.; Thompson, R. C.; Bohn, K.; Abbiati, M.; Airoidi, L.; Bouma, T. J.; Bozzeda, F.; Ceccherelli, V. U.; Colangelo, M. A.; Evans, A.; Ferrario, F.; Hanley, M. E.; Hinz, H.; Hoggart, S. P. G.; Jackson, J. E.; Moore, P.; Morgan, E. H.; Perkol-Finkel, S.; Skov, M. W.; Strain, E. M.; van Belzen, J.; Hawkins, S. J.	Between a rock and a hard place: Environmental and engineering considerations when designing coastal defence structures	COASTAL ENGINEERING	29	2014
Bouma, Tjeerd J.; van Belzen, Jim; Balke, Thorsten; Zhu, Zhenchang; Airoidi, Laura; Blight, Andrew J.; Davies, Andrew J.; Galvan, Cristina; Hawkins, Steve J.; Hoggart, Simon P. G.; Lara, Javier L.; Losada, Inigo J.; Maza, Maria; Ondiviela, Barbara; Skov, Martin W.; Strain, Elisabeth M.; Thompson, Richard C.; Yang, Shilun; Zanuttigh, Barbara; Zhang, Liquan; Herman, Peter M. J.	Identifying knowledge gaps hampering application of intertidal habitats in coastal protection: Opportunities & steps to take	COASTAL ENGINEERING	16	2014
Picart, S. Saux; Sathyendranath, S.; Dowell, M.; Moore, T.; Platt, T.	Remote sensing of assimilation number for marine phytoplankton	REMOTE SENSING OF ENVIRONMENT	6	2014
Erbe, Christine; Williams, Rob; Sandilands, Doug; Ashe, Erin	Identifying Modeled Ship Noise Hotspots for Marine Mammals of Canada's Pacific Region	PLOS ONE	4	2014
Murray, Rory B. O'Hara; Thorne, Peter D.; van	Briefing: Young Coastal Scientists and Engineers	PROCEEDINGS OF THE	0	2014



作者	题目	刊名	被引 次数	发表年份
den Bremer, Ton S.; Bricheno, Lucy M.; Sparrow, Kathryn H.; Wright, Jennifer C.	Conference 2013	INSTITUTION OF CIVIL ENGINEERS-MARITIME ENGINEERING		
Leadbetter, Adam M.; Lowry, Roy K.; Clements, D. Oliver	Putting meaning into NETMAR - the open service network for marine environmental data	INTERNATIONAL JOURNAL OF DIGITAL EARTH	3	2014
Caltabiano, Nico; Barry, Roger G.	Coordinated International Activities On Ocean-Atmosphere Climate Study	SEA TECHNOLOGY	0	2014
Yasuda, Tomohiro; Nakajo, Sota; Kim, SooYoul; Mase, Hajime; Mori, Nobuhito; Horsburgh, Kevin	Evaluation of future storm surge risk in East Asia based on state-of-the-art climate change projection	COASTAL ENGINEERING	7	2014
Hopkins, Jo; Lucas, Marc; Dufau, Claire; Sutton, Marion; Stum, Jacques; Lauret, Olivier; Channelliere, Claire	Detection and variability of the Congo River plume from satellite derived sea surface temperature, salinity, ocean colour and sea level	REMOTE SENSING OF ENVIRONMENT	9	2013
Brown, Jennifer M.; Bolanos, Rodolfo; Wolf, Judith	The depth-varying response of coastal circulation and water levels to 2D radiation stress when applied in a coupled wave-tide-surge modelling system during an extreme storm	COASTAL ENGINEERING	8	2013
Arns, A.; Wahl, T.; Haigh, I. D.; Jensen, J.; Pattiaratchi, C.	Estimating extreme water level probabilities: A comparison of the direct methods and recommendations for best practise	COASTAL ENGINEERING	18	2013
Phillips, A. B.; Steenson, L.; Rogers, E.; Turnock, S. R.; Harris, C.; Furlong, M.	DELPHIN2: AN OVER ACTUATED AUTONOMOUS UNDERWATER VEHICLE FOR MANOEUVRING RESEARCH	INTERNATIONAL JOURNAL OF MARITIME ENGINEERING	0	2013

作者	题目	刊名	被引次数	发表年份
Nicholls, R. J.; Townend, I. H.; Bradbury, A. P.; Ramsbottom, D.; Day, S. A.	Planning for long-term coastal change: Experiences from England and Wales	OCEAN ENGINEERING	17	2013
Batstone, Crispian; Lawless, Mark; Tawn, Jonathan; Horsburgh, Kevin; Blackman, David; McMillan, Alastair; Worth, David; Laeger, Stefan; Hunt, Tim	A UK best-practice approach for extreme sea-level analysis along complex topographic coastlines	OCEAN ENGINEERING	14	2013
Yates, Nicholas; Walkington, Ian; Burrows, Richard; Wolf, Judith	The energy gains realisable through pumping for tidal range energy schemes	RENEWABLE ENERGY	2	2013
Brewin, Robert J. W.; Raitsos, Dionysios E.; Pradhan, Yaswant; Hoteit, Ibrahim	Comparison of chlorophyll in the Red Sea derived from MODIS-Aqua and in vivo fluorescence	REMOTE SENSING OF ENVIRONMENT	11	2013
Send, Uwe; Fowler, George; Siddall, Greg; Beanlands, Brian; Pittman, Merle; Waldmann, Christoph; Karstensen, Johannes; Lampitt, Richard	SeaCycler: A Moored Open-Ocean Profiling System for the Upper Ocean in Extended Self-Contained Deployments	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2013
Brotas, Vanda; Brewin, Robert J. W.; Sa, Carolina; Brito, Ana C.; Silva, Alexandra; Mendes, Carlos Rafael; Diniz, Tania; Kaufmann, Manfred; Tarran, Glen; Groom, Steve B.; Platt, Trevor; Sathyendranath, Shubha	Deriving phytoplankton size classes from satellite data: Validation along a trophic gradient in the eastern Atlantic Ocean	REMOTE SENSING OF ENVIRONMENT	16	2013
Bricheno, Lucy M.; Soret, Albert; Wolf, Judith; Jorba, Oriol; Maria Baldasano, Jose	Effect of High-Resolution Meteorological Forcing on Nearshore Wave and Current Model Performance	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	5	2013
Balfour, C. A.; Howarth, M. J.; Jones, D. S.;	The Design and Development of an Irish Sea	JOURNAL OF	1	2013

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Doyle, T.	Passenger-Ferry-Based Oceanographic Measurement System	ATMOSPHERIC AND OCEANIC TECHNOLOGY		
Murton, Bramley J.; Glover, Wendy	Surveyor, Sampler For Deep-Ocean Operations HyBIS Enables Interaction With Seafloor Up to 6,000-Meter Depths	SEA TECHNOLOGY	0	2013
Alvain, Severine; Le Quere, Corinne; Bopp, Laurent; Racault, Marie-Fanny; Beaugrand, Gregory; Dessailly, David; Buitenhuis, Eric T.	Rapid climatic driven shifts of diatoms at high latitudes	REMOTE SENSING OF ENVIRONMENT	16	2013
Hughes, Chris W.; Elipot, Shane; Maqueda, Miguel Angel Morales; Loder, John W.	Test of a Method for Monitoring the Geostrophic Meridional Overturning Circulation Using Only Boundary Measurements	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	4	2013
Mangi, Stephen C.	The Impact of Offshore Wind Farms on Marine Ecosystems: A Review Taking an Ecosystem Services Perspective	PROCEEDINGS OF THE IEEE	5	2013
Moate, Benjamin D.; Thorne, Peter D.	Scattering from suspended sediments having different and mixed mineralogical compositions: Comparison of laboratory measurements and theoretical predictions	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	6	2013
O'Brien, Robert C.; Cipollini, Paolo; Blundell, Jeffrey R.	Manifestation of oceanic Rossby waves in long-term multiparametric satellite datasets	REMOTE SENSING OF ENVIRONMENT	5	2013
Zalesny, V. B.; Gusev, A. V.; Ivchenko, V. O.; Tamsalu, R.; Aps, R.	Numerical model of the Baltic Sea circulation	RUSSIAN JOURNAL OF NUMERICAL ANALYSIS AND MATHEMATICAL MODELLING	3	2013
Barry, Roger; Caltabiano, Antonio C.	Climate Studies of Ocean-Atmosphere Interactions Get	SEA TECHNOLOGY	0	2013

作者	题目	刊名	被引 次数	发表年份
Morozov, Evgeny; Pozdnyakov, Dmitry; Smyth, Tim; Sychev, Vitaly; Grassl, Hartmut	New Focus Space-borne study of seasonal, multi-year, and decadal phytoplankton dynamics in the Bay of Biscay	INTERNATIONAL JOURNAL OF REMOTE SENSING	4	2013
Neil, Claire; Cunningham, Alex; McKee, David; Polton, Jeff A.	Remote sensing of seasonal stratification dynamics in the southern Irish Sea	REMOTE SENSING OF ENVIRONMENT	4	2012
Unger, Andrea; Schulte, Sven; Klemann, Volker; Dransch, Doris	A Visual Analysis Concept for the Validation of Geoscientific Simulation Models	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	6	2012
Brito, Mario; Griffiths, Gwyn; Ferguson, James; Hopkin, David; Mills, Richard; Pederson, Richard; MacNeil, Erin	A Behavioral Probabilistic Risk Assessment Framework for Managing Autonomous Underwater Vehicle Deployments	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	6	2012
Tokmakian, Robin; Challenor, Peter; Andrianakis, Yiannis	On the Use of Emulators with Extreme and Highly Nonlinear Geophysical Simulators	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2012
Erbe, Christine; MacGillivray, Alexander; Williams, Rob	Mapping cumulative noise from shipping to inform marine spatial planning	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	28	2012
Read, K. A.; Carpenter, L. J.; Arnold, S. R.; Beale, R.; Nightingale, P. D.; Hopkins, J. R.; Lewis, A. C.; Lee, J. D.; Mendes, L.; Pickering, S. J.	Multiannual Observations of Acetone, Methanol, and Acetaldehyde in Remote Tropical Atlantic Air: Implications for Atmospheric OVOC Budgets and Oxidative Capacity	ENVIRONMENTAL SCIENCE & TECHNOLOGY	12	2012
Beaton, Alexander D.; Cardwell, Christopher L.; Thomas, Rupert S.; Sieben, Vincent J.;	Lab-on-Chip Measurement of Nitrate and Nitrite for In Situ Analysis of Natural Waters	ENVIRONMENTAL SCIENCE	22	2012

作者	题目	刊名	被引 次数	发表年份
Legiret, Francois-Eric; Waugh, Edward M.; Statham, Peter J.; Mowlem, Matthew C.; Morgan, Hywel		&TECHNOLOGY		
Murton, Bramley J.; Huehnerbach, Veit; Garrard, Jo	Exploring Ultradeep Hydrothermal Vents In the Cayman Trough by ROV	SEA TECHNOLOGY	0	2012
Heller, Valentin; Moalemi, Mahtab; Kinnear, Robert D.; Adams, Rorik A.	Geometrical Effects on Landslide-Generated Tsunamis	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	4	2012
Southall, Brandon L.; Moretti, David; Abraham, Bruce; Calambokidis, John; DeRuiter, Stacy L.; Tyack, Peter L.	Marine Mammal Behavioral Response Studies in Southern California: Advances in Technology and Experimental Methods	MARINE TECHNOLOGY SOCIETY JOURNAL	10	2012
Thompson, C. E. L.; Williams, J. J.; Metje, N.; Coates, L. E.; Pacheco, A.	Turbulence based measurements of wave friction factors under irregular waves on a gravel bed	COASTAL ENGINEERING	5	2012
Bolanos, Rodolfo; Thorne, Peter D.; Wolf, Judith	Comparison of measurements and models of bed stress, bedforms and suspended sediments under combined currents and waves	COASTAL ENGINEERING	9	2012
Tilstone, Gavin H.; Peters, Steef W. M.; van der Woerd, Hendrik Jan; Eleveld, Marieke A.; Ruddick, Kevin; Schoenfeld, Wolfgang; Krasemann, Hajo; Martinez-Vicente, Victor; Blondeau-Patissier, David; Roettgers, Ruediger; Sorensen, Kai; Jorgensen, Peter V.; Shutler, Jamie D.	Variability in specific-absorption properties and their use in a semi-analytical ocean colour algorithm for MERIS in North Sea and Western English Channel Coastal Waters	REMOTE SENSING OF ENVIRONMENT	34	2012

作者	题目	刊名	被引次数	发表年份
Brown, Jennifer M.; Chesher, Tim J.; Beveridge, Andrew J.; Shafiai, Siti H.; O'Hara Murray, Rory B.; Smyth, Thomas A. G.; Bricheno, Lucy M.; Way, Oliver G.	Briefing: Young Coastal Scientists and Engineers Conference 2011	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-MARITIME ENGINEERING	0	2012
Clarizia, Maria Paola; Gommenginger, Christine; Di Bisceglie, Maurizio; Galdi, Carmela; Srokosz, Meric A.	Simulation of L-Band Bistatic Returns From the Ocean Surface: A Facet Approach With Application to Ocean GNSS Reflectometry	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	18	2012
Volpe, Gianluca; Buongiorno Nardelli, Bruno; Cipollini, Paolo; Santoleri, Rosalia; Robinson, Ian S.	Seasonal to interannual phytoplankton response to physical processes in the Mediterranean Sea from satellite observations	REMOTE SENSING OF ENVIRONMENT	31	2012
Wimmer, Werenfrid; Robinson, Ian S.; Donlon, Craig J.	Long-term validation of AATSR SST data products using shipborne radiometry in the Bay of Biscay and English Channel	REMOTE SENSING OF ENVIRONMENT	7	2012
Robinson, Ian; Piolle, Jean-Francois; LeBorgne, Pierre; Poulter, David; Donlon, Craig; Arino, Olivier	Widening the application of AATSR SST data to operational tasks through the Medspiration Service	REMOTE SENSING OF ENVIRONMENT	0	2012
Molinari, Bob; Caltabiano, Antonio; Beswick, Catherine	CLIVAR's Ocean Observational Activities and Data	SEA TECHNOLOGY	0	2012
Huang, Xi; Pascal, Robin W.; Chamberlain, Katie; Banks, Christopher J.; Mowlem, Matthew; Morgan, Hywel	A Miniature, High Precision Conductivity and Temperature Sensor System for Ocean Monitoring	IEEE SENSORS JOURNAL	7	2011
Frajka-Williams, Eleanor; Eriksen, Charles C.; Rhines, Peter B.; Harcourt, Ramsey R.	Determining Vertical Water Velocities from Seaglider	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	10	2011

作者	题目	刊名	被引次数	发表年份
Griffiths, Gwyn; McPhail, Stephen D.	AUVs for Depth and Distance: Autosub6000 and Autosub Long Range	SEA TECHNOLOGY	2	2011
Leighton, T. G.; Finfer, D. C.; Chua, G. H.; White, P. R.; Dix, J. K.	Clutter suppression and classification using twin inverted pulse sonar in ship wakes	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	9	2011
Eastwood, Steinar; Le Borgne, Pierre; Pere, Sonia; Poulter, David	Diurnal variability in sea surface temperature in the Arctic	REMOTE SENSING OF ENVIRONMENT	15	2011
Fishwick, James; Mason, Paul; Gallienne, Chris	Long-Term Autonomous Data Buoys For Monitoring the English Channel Recently Overhauled Buoy Systems Measure Parameters Missed by Boat Surveys, Enhance Collection of Biogeochemical Data	SEA TECHNOLOGY	0	2011
Tilstone, Gavin H.; Angel-Benavides, Ingrid M.; Pradhan, Yaswant; Shutler, Jamie D.; Groom, Steve; Sathyendranath, Shubha	An assessment of chlorophyll-a algorithms available for SeaWiFS in coastal and open areas of the Bay of Bengal and Arabian Sea	REMOTE SENSING OF ENVIRONMENT	20	2011
Sheen, Katy L.; White, Nicky; Caulfield, C. P.; Hobbs, Richard W.	Estimating Geostrophic Shear from Seismic Images of Oceanic Structure	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	6	2011
Mackay, Edward B. L.; Challenor, Peter G.; Bahaj, AbuBakr S.	A comparison of estimators for the generalised Pareto distribution	OCEAN ENGINEERING	8	2011
Hurther, David; Thorne, Peter D.; Bricault, Mickael; Lemmin, Ulrich; Barnoud, Jean-Marc	A multi-frequency Acoustic Concentration and Velocity Profiler (ACVP) for boundary layer measurements of fine-scale flow and sediment transport processes	COASTAL ENGINEERING	35	2011
Mangi, Stephen C.; Rodwell, Lynda D.; Hattam, Caroline	Assessing the Impacts of Establishing MPAs on Fishermen and Fish Merchants: The Case of Lyme Bay,	AMBIO	12	2011

作者	题目	刊名	被引 次数	发表年份
	UK			
Roquet, Fabien; Charrassin, Jean-Benoit; Marchand, Stephane; Boehme, Lars; Fedak, Mike; Reverdin, Gilles; Guinet, Christophe	Delayed-Mode Calibration of Hydrographic Data Obtained from Animal-Borne Satellite Relay Data Loggers	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	21	2011
Bolanos, Rodolfo; Amoudry, Laurent O.; Doyle, Ken	Tides Effects of Instrumented Bottom Tripods on Process Measurements	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	4	2011
Haigh, Ivan; Nicholls, Robert; Wells, Neil	Rising sea levels in the English Channel 1900 to 2100	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-MARITIME ENGINEERING	18	2011
Pham, M. K.; Betti, M.; Povinec, P. P.; Benmansour, M.; Buenger, V.; Drefvelin, J.; Engeler, C.; Flemal, J. M.; Gasco, C.; Guillevic, J.; Gurriaran, R.; Groening, M.; Happel, J. D.; Herrmann, J.; Klemola, S.; Kloster, M.; Kanisch, G.; Leonard, K.; Long, S.; Nielsen, S.; Oh, J. -S.; Rieth, P. U.; Oestergren, I.; Pettersson, H.; Pinhao, N.; Pujol, L.; Sato, K.; Schikowski, J.; Varga, Z.; Vartti, V. P.; Zheng, J.	A certified reference material for radionuclides in the water sample from Irish Sea (IAEA-443)	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	12	2011
Pascal, Robin W.; Yelland, Margaret J.; Srokosz, Meric A.; Moat, Bengamin I.; Waugh, Edward M.; Comben, Daniel H.; Cansdale,	A Spar Buoy for High-Frequency Wave Measurements and Detection of Wave Breaking in the Open Ocean	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	4	2011



作者	题目	刊名	被引次数	发表年份
Alex G.; Hartman, Mark C.; Coles, David G. H.; Hsueh, Ping Chang; Leighton, Timothy G. Tyack, Peter L.; Zimmer, Walter M. X.; Moretti, David; Southall, Brandon L.; Claridge, Diane E.; Durban, John W.; Clark, Christopher W.; D'Amico, Angela; DiMarzio, Nancy; Jarvis, Susan; McCarthy, Elena; Morrissey, Ronald; Ward, Jessica; Boyd, Ian L. Brito, Mario Paulo; Griffiths, Gwyn	Beaked Whales Respond to Simulated and Actual Navy Sonar	PLOS ONE	80	2011
Stratigaki, Vasiliki; Manca, Eleonora; Prinos, Panayotis; Losada, Inigo J.; Lara, Javier L.; Sclavo, Mauro; Amos, Carl L.; Caceres, Ivan; Sanchez-Arcilla, Agustin	A Markov Chain State Transition Approach to Establishing Critical Phases for AUV Reliability	IEEE JOURNAL OF OCEANIC ENGINEERING	6	2011
	Large-scale experiments on wave propagation over Posidonia oceanica	JOURNAL OF HYDRAULIC RESEARCH	25	2011

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作者	题目	刊名	被引次数	发表年份
Firoozy, Nariman; Komarov, Alexander S.; Mojabi, Puyan; Barber, David G.; Landy, Jack C.; Scharien, Randall K.	Retrieval of Young Snow-Covered Sea-Ice Temperature and Salinity Evolution Through Radar Cross-Section Inversion	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2016

作者	题目	刊名	被引 次数	发表年份
Yu, Zi-bin; Zhao, Hang-fang; Gong, Xian-yi; Chapman, N. Ross	Time-Reversal Mirror-Virtual Source Array Method for Acoustic Imaging of Proud and Buried Targets	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2016
Zhou, Yue; Xu, Wen; Zhao, Hangfang; Chapman, N. Ross	Improving Statistical Robustness of Matched-Field Source Localization via General-Rank Covariance Matrix Matching	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2016
Moazzen, Iman; Robertson, Bryson; Wild, Peter; Rowe, Andrew; Buckham, Bradley	Impacts of large-scale wave integration into a transmission-constrained grid	RENEWABLE ENERGY	1	2016
Le Gall, Yann; Dosso, Stan E.; Socheleau, Francois-Xavier; Bonnel, Julien	Bayesian source localization with uncertain Green's function in an uncertain shallow water ocean	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2016
Coulthard, Bethany; Smith, Dan J.; Meko, David M.	Is worst-case scenario streamflow drought underestimated in British Columbia? A multi-century perspective for the south coast, derived from tree-rings	JOURNAL OF HYDROLOGY	0	2016
Gao, Jian; Liu, Changxin; Proctor, Alison	Nonlinear model predictive dynamic positioning control of an underwater vehicle with an onboard USBL system	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2016
Parkinson, Simon C.; Djilali, Ned; Krey, Volker; Fricko, Oliver; Johnson, Nils; Khan, Zarrar; Sedraoui, Khaled; Almasoud, Abdulrahman H.	Impacts of Groundwater Constraints on Saudi Arabia's Low-Carbon Electricity Supply Strategy	ENVIRONMENTAL SCIENCE & TECHNOLOGY	0	2016
Pingree-Shippee, Katherine A.; Shippee, Norman J.; Atkinson, David E.	Overview of Bering and Chukchi Sea Wave States for Four Severe Storms following Common Synoptic Tracks	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2016

作者	题目	刊名	被引 次数	发表年份
Robertson, Bryson; Bailey, Helen; Clancy, Dan; Ortiz, Juan; Buckham, Bradley	Influence of wave resource assessment methodology on wave energy production estimates	RENEWABLE ENERGY	0	2016
Zhang, Liang; Mei, Jidan; Zielinski, Adam; Cai, Ping	Accurate Acoustic Signal Parameter Estimation for Marine Geodesy Surveys	MARINE GEODESY	0	2016
Soylu, Serdar; Proctor, Alison A.; Podhorodeski, Ron P.; Bradley, Colin; Buckham, Bradley J.	Precise trajectory control for an inspection class ROV	OCEAN ENGINEERING	0	2016
Robertson, Bryson; Gharabaghi, Bahram; Hall, Kevin	Prediction of Incipient Breaking Wave-Heights Using Artificial Neural Networks and Empirical Relationships	COASTAL ENGINEERING JOURNAL	1	2015
Dosso, Stan E.; Dettmer, Jan; Wilmut, Michael J.	Efficient localization and spectral estimation of an unknown number of ocean acoustic sources using a graphics processing unit	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Gao, Jian; Proctor, Alison; Bradley, Colin	Adaptive neural network visual servo control for dynamic positioning of underwater vehicles	NEUROCOMPUTING	0	2015
Zhang, Xue; Pei, Wei; Deng, Wei; Du, Yan; Qi, Zhiping; Dong, Zuomin	Emerging smart grid technology for mitigating global warming	INTERNATIONAL JOURNAL OF ENERGY RESEARCH	0	2015
Lohrasbipeydeh, Hannan; Dakin, D. Tom; Gulliver, T. Aaron; Amindavar, Hamidreza; Zielinski, Adam	Adaptive Energy-Based Acoustic Sperm Whale Echolocation Click Detection	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2015
Peng, Zhouhua; Wang, Dan; Shi, Yang; Wang, Hao; Wang, Wei	Containment control of networked autonomous underwater vehicles with model uncertainty and ocean disturbances guided by multiple leaders	INFORMATION SCIENCES	6	2015
Geldsetzer, Torsten; Arkett, Matt; Zagon, Tom;	All-Season Compact-Polarimetry C-band SAR	CANADIAN JOURNAL	1	2015

作者	题目	刊名	被引 次数	发表年份
Charbonneau, Francois; Yackel, John J.; Scharien, Randall K.	Observations of Sea Ice	OF REMOTE SENSING		
Reikard, Gordon; Robertson, Bryson; Bidlot, Jean-Raymond	Combining wave energy with wind and solar: Short-term forecasting	RENEWABLE ENERGY	5	2015
Holland, Charles W.; Steininger, Gavin; Dosso, Stan E.	Discrimination between discrete and continuum scattering from the sub-seafloor	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Beatty, Scott J.; Hall, Matthew; Buckham, Bradley J.; Wild, Peter; Bocking, Bryce	Experimental and numerical comparisons of self-reacting point absorber wave energy converters in regular waves	OCEAN ENGINEERING	1	2015
Reikard, Gordon; Robertson, Bryson; Buckham, Bradley; Bidlot, Jean-Raymond; Hiles, Clayton	Simulating and forecasting ocean wave energy in western Canada	OCEAN ENGINEERING	3	2015
Yan, Weisheng; Chen, Wei; Cui, Rongxin; Li, Huiping	Optimal Distance between Mobile Buoy and Target for Moving Long Baseline Positioning System	JOURNAL OF NAVIGATION	1	2015
Warner, Graham A.; Dosso, Stan E.; Dettmer, Jan; Hannay, David E.	Bayesian environmental inversion of airgun modal dispersion using a single hydrophone in the Chukchi Sea	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Wang, Chi; Yin, Jingwei; Huang, Defeng; Zielinski, Adam	Experimental demonstration of differential OFDM underwater acoustic communication with acoustic vector sensor	APPLIED ACOUSTICS	3	2015
Parkinson, Simon C.; Dragoon, Ken; Reikard, Gordon; Garcia-Medina, Gabriel; Oezkan-Haller, H. Tuba; Brekken, Ted K. A.	Integrating ocean wave energy at large-scales: A study of the US Pacific Northwest	RENEWABLE ENERGY	7	2015
Muzi, Lanfranco; Siderius, Martin; Quijano,	High-resolution bottom-loss estimation using the	JOURNAL OF THE	1	2015

作者	题目	刊名	被引 次数	发表年份
Jorge E.; Dosso, Stan E.	ambient-noise vertical coherence function	ACOUSTICAL SOCIETY OF AMERICA		
Rees, Tim; Monahan, Adam	A General Numerical Method for Analyzing the Linear Stability of Stratified Parallel Shear Flows	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2014
Burton, Geoff; Melo, Luis; Warwick, Stephen; Jun, Martin; Bao, Bo; Sinton, David; Wild, Peter	Fiber refractometer to detect and distinguish carbon dioxide and methane leakage in the deep ocean	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL	1	2014
Hiles, Clayton E.; Buckham, Bradley J.; Wild, Peter; Robertson, Bryson	Wave energy resources near Hot Springs Cove, Canada	RENEWABLE ENERGY	4	2014
Robertson, Bryson R. D.; Hiles, Clayton E.; Buckham, Bradley J.	Characterizing the near shore wave energy resource on the west coast of Vancouver Island, Canada	RENEWABLE ENERGY	6	2014
Taroudakis, Michael; Smaragdakis, Costas; Chapman, N. Ross	Inversion of acoustical data from the "Shallow Water 06" experiment by statistical signal characterization	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2014
Reshitnyk, Luba; Costa, Maycira; Robinson, Cliff; Dearden, Phil	Evaluation of WorldView-2 and acoustic remote sensing for mapping benthic habitats in temperate coastal Pacific waters	REMOTE SENSING OF ENVIRONMENT	7	2014
Quijano, Jorge E.; Dosso, Stan E.; Siderius, Martin; Muzi, Lanfranco	Coherence extrapolation for underwater ambient noise	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2014
Pan, Xiang; Hui, Shu; Wen, Xu; Chapman, N.	TR-MIMO detection of a small target in a shallow water	APPLIED ACOUSTICS	0	2014

作者	题目	刊名	被引次数	发表年份
Ross	waveguide environment			
Zurkinden, A. S.; Ferri, F.; Beatty, S.; Kofoed, J. P.; Kramer, M. M.	Non-linear numerical modeling and experimental testing of a point absorber wave energy converter	OCEAN ENGINEERING	15	2014
Dosso, Stan E.	Three-dimensional localization of transient acoustic sources using an ice-mounted geophone	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2014
Rideout, Brendan P.; Dosso, Stan E.; Hannay, David E.	Underwater passive acoustic localization of Pacific walrus in the northeastern Chukchi Sea	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2013
Holbrook, W. Steven; Fer, Ilker; Schmitt, Raymond W.; Lizarralde, Daniel; Klymak, Jody M.; Helfrich, L. Cody; Kubichek, Robert	Estimating Oceanic Turbulence Dissipation from Seismic Images	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	7	2013
O'Neill, Jennifer D.; Costa, Maycira	Mapping eelgrass ( <i>Zostera marina</i> ) in the Gulf Islands National Park Reserve of Canada using high spatial resolution satellite and airborne imagery	REMOTE SENSING OF ENVIRONMENT	3	2013
Vagle, Svein; McDonald, Adrian; Klinke, Jochen	Annual CTD Profiling On Transit to Canadian Arctic Underway CTD Profiles on Moving Vessels	SEA TECHNOLOGY	0	2013
Dettmer, Jan; Dosso, Stan E.	Probabilistic two-dimensional water-column and seabed inversion with self-adapting parameterizations	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	8	2013
Chapman, N. Ross	INFERENCE OF GEOACOUSTIC MODEL PARAMETERS FROM ACOUSTIC FIELD DATA	ACOUSTICS AUSTRALIA	0	2013
Dosso, Stan E.; Wilmut, Michael J.	Bayesian tracking of multiple acoustic sources in an	JOURNAL OF THE	4	2013

作者	题目	刊名	被引 次数	发表年份
	uncertain ocean environment	ACOUSTICAL SOCIETY OF AMERICA		
Merchant, Nathan D.; Barton, Tim R.; Thompson, Paul M.; Pirotta, Enrico; Dakin, D. Tom; Dorocicz, John	Spectral probability density as a tool for ambient noise analysis	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	10	2013
Steininger, Gavin; Dettmer, Jan; Dosso, Stan E.; Holland, Charles W.	Trans-dimensional joint inversion of seabed scattering and reflection data	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	9	2013
Garrett, Chris; Cummins, Patrick	Maximum power from a turbine farm in shallow water	JOURNAL OF FLUID MECHANICS	4	2013
Barnes, Christopher R.; Best, Mairi M. R.; Johnson, Fern R.; Pautet, Lucie; Pirenne, Benoit	Challenges, Benefits, and Opportunities in Installing and Operating Cabled Ocean Observatories: Perspectives From NEPTUNE Canada	IEEE JOURNAL OF OCEANIC ENGINEERING	7	2013
Holland, Charles W.; Dettmer, Jan	In situ sediment dispersion estimates in the presence of discrete layers and gradients	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	5	2013
Quijano, Jorge E.; Dosso, Stan E.; Dettmer, Jan; Zurk, Lisa M.; Siderius, Martin	Trans-dimensional geoacoustic inversion of wind-driven ambient noise	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	5	2013
Williamson, Phillip; Wallace, Douglas W. R.; Law, Cliff S.; Boyd, Philip W.; Collos, Yves; Croot, Peter; Denman, Ken; Riebesell, Ulf; Takeda, Shigenobu; Vivian, Chris	Ocean fertilization for geoengineering: A review of effectiveness, environmental impacts and emerging governance	PROCESS SAFETY AND ENVIRONMENTAL PROTECTION	13	2012
Dosso, Stan E.; Holland, Charles W.; Sambridge,	Parallel tempering for strongly nonlinear geoacoustic	JOURNAL OF THE	24	2012

作者	题目	刊名	被引 次数	发表年份
Malcolm	inversion	ACOUSTICAL SOCIETY OF AMERICA		
Merchant, Nathan D.; Blondel, Philippe; Dakin, D. Tom; Dorocicz, John	Averaging underwater noise levels for environmental assessment of shipping	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	10	2012
Traore, Issa; Woungang, Isaac; Nakkabi, Youssef; Obaidat, Mohammad S.; Ahmed, Ahmed Awad E.; Khalilian, Bijan	Dynamic Sample Size Detection in Learning Command Line Sequence for Continuous Authentication	IEEE TRANSACTIONS ON SYSTEMS MAN AND CYBERNETICS PART B-CYBERNETICS	0	2012
Marinakis, Dimitri; Wu, Kui; Ye, Ning; Whitesides, Sue	Network Optimization for Lightweight Stochastic Scheduling in Underwater Sensor Networks	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2	2012
Li, Cuilin; Dosso, Stan E.; Dong, Hefeng; Yu, Dingyong; Liu, Lanbo	Bayesian Inversion of Multimode Interface-Wave Dispersion From Ambient Noise	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2012
Godlovitch, D.; Monahan, A.; Flato, G.	An idealised stochastic model of sea ice thickness dynamics	COLD REGIONS SCIENCE AND TECHNOLOGY	1	2012
Holland, Charles W.; Nielsen, Peter L.; Dettmer, Jan; Dosso, Stan	Resolving meso-scale seabed variability using reflection measurements from an autonomous underwater vehicle	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	13	2012
Callaghan, T. V.; Johansson, M.; Prowse, T. D.; Olsen, M. S.; Reiersen, L. -O.	Arctic Cryosphere: Changes and Impacts	AMBIO	8	2011
Vincent, Warwick F.; Callaghan, Terry V.;	Ecological Implications of Changes in the Arctic	AMBIO	23	2011



作者	题目	刊名	被引 次数	发表年份
Dahl-Jensen, Dorthe; Johansson, Margareta; Kovacs, Kit M.; Michel, Christine; Prowse, Terry; Reist, James D.; Sharp, Martin	Cryosphere			
Olsen, M. S.; Callaghan, T. V.; Reist, J. D.; Reiersen, L. O.; Dahl-Jensen, D.; Granskog, M. A.; Goodison, B.; Hovelsrud, G. K.; Johansson, M.; Kallenborn, R.; Key, J.; Klepikov, A.; Meier, W.; Overland, J. E.; Prowse, T. D.; Sharp, M.; Vincent, W. F.; Walsh, J.	The Changing Arctic Cryosphere and Likely Consequences: An Overview	AMBIO	16	2011
Aguzzi, Jacopo; Costa, Corrado; Robert, Katleen; Matabos, Marjolaine; Antonucci, Francesca; Juniper, S. Kim; Menesatti, Paolo	Automated Image Analysis for the Detection of Benthic Crustaceans and Bacterial Mat Coverage Using the VENUS Undersea Cabled Network	SENSORS	10	2011
Dosso, Stan E.; Wilmut, Michael J.	Bayesian multiple-source localization in an uncertain ocean environment	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	16	2011
O'Neill, Jennifer D.; Costa, Maycira; Sharma, Tara	Remote Sensing of Shallow Coastal Benthic Substrates: In situ Spectra and Mapping of Eelgrass ( <i>Zostera marina</i> ) in the Gulf Islands National Park Reserve of Canada	REMOTE SENSING	9	2011
Duchesne, Mathieu J.; Halliday, E. Julie; Barrie, J. Vaughn	Analyzing seismic imagery in the time-amplitude and time-frequency domains to determine fluid nature and migration pathways: A case study from the Queen Charlotte Basin, offshore British Columbia	JOURNAL OF APPLIED GEOPHYSICS	6	2011
Dong, Hefeng; Dosso, Stan E.	Bayesian Inversion of Interface-Wave Dispersion for	IEEE JOURNAL OF	8	2011

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	Seabed Shear-Wave Speed Profiles	OCEANIC ENGINEERING		

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作者	题目	刊名	被引次数	发表年份
O'Neil, Gregory W.; Knothe, Gerhard; Williams, John R.; Burlow, Noah P.; Reddy, Christopher M.	Decolorization improves the fuel properties of algal biodiesel from Isochrysis sp.	FUEL	0	2016
Gill, Gary A.; Kuo, Li-Jung; Janke, Chris J.; Park, Jiyeon; Jeters, Robert T.; Bonheyo, George T.; Pan, Horng-Bin; Wai, Chien; Khangaonkar, Tarang; Bianucci, Laura; Wood, Jordana R.; Warner, Marvin G.; Peterson, Sonja; Abrecht, David G.; Mayes, Richard T.; Tsouris, Costas; Oyola, Yatsandra; Strivens, Jonathan E.; Schlafer, Nicholas J.; Addleman, R. Shane; Chouyyok, Wilaiwan; Das, Sadananda; Kim, Jungseung; Buesseler, Ken; Breier, Crystal; D'Alessandro, Evan	The Uranium from Seawater Program at the Pacific Northwest National Laboratory: Overview of Marine Testing, Adsorbent Characterization, Adsorbent Durability, Adsorbent Toxicity, and Deployment Studies	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2	2016
Breier, C. F.; Pike, S. M.; Sebesta, F.; Tradd, K.; Breier, J. A.; Buesseler, K. O.	New applications of KNiFC-PAN resin for broad scale monitoring of radiocesium following the Fukushima Dai-ichi nuclear disaster	JOURNAL OF RADIOANALYTICAL AND NUCLEAR	0	2016

作者	题目	刊名	被引次数	发表年份
Pike, S. M.; Adekola, A. S.; Colaresi, J.; Ilie, G.; Mueller, W. F.; Yocum, K. M.; Buesseler, K. O.	Improved gamma-spectroscopy of marine samples via low background small anode germanium well detector with cosmic veto suppression	CHEMISTRY JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	1	2016
Zhang, Yanwu; Bellingham, James G.; Ryan, John P.; Kieft, Brian; Stanway, M. Jordan	Autonomous Four-Dimensional Mapping and Tracking of a Coastal Upwelling Front by an Autonomous Underwater Vehicle	JOURNAL OF FIELD ROBOTICS	0	2016
Singh, Ravi; Bandi, M. M.; Mahadevan, Amala; Mandre, Shreyas	Linear stability analysis for monami in a submerged seagrass bed	JOURNAL OF FLUID MECHANICS	0	2016
Gallagher, James; Orcutt, John; Simpson, Pauline; Wright, Dawn; Pearlman, Jay; Raymond, Lisa	Facilitating open exchange of data and information	EARTH SCIENCE INFORMATICS	0	2015
Mavor, James W., Jr.	OBSERVATION WINDOWS OF THE DEEP SUBMERSIBLE ALVIN	MARINE TECHNOLOGY SOCIETY JOURNAL	0	2015
Tomasi, Beatrice; Munaretto, Daniele; Preisig, James C.; Zorzi, Michele	Redundancy allocation in time-varying channels with long propagation delays	AD HOC NETWORKS	0	2015
Tomasi, Beatrice; Casari, Paolo; Badia, Leonardo; Zorzi, Michele	Cross-layer analysis via Markov models of incremental redundancy hybrid ARQ over underwater acoustic channels	AD HOC NETWORKS	0	2015
Pajovic, Milutin; Preisig, James C.	Performance Analysis and Optimal Design of Multichannel Equalizer for Underwater Acoustic Communications	IEEE JOURNAL OF OCEANIC ENGINEERING	2	2015
Emerson, Chris; Lynch, James F.; Abbot, Philip;	Acoustic Propagation Uncertainty and Probabilistic	IEEE JOURNAL OF	0	2015

作者	题目	刊名	被引次数	发表年份
Lin, Ying-Tsong; Duda, Timothy F.; Gawarkiewicz, Glen G.; Chen, Chi-Fang	Prediction of Sonar System Performance in the Southern East China Sea Continental Shelf and Shelfbreak Environments	OCEANIC ENGINEERING		
Brodie, K. L.; Raubenheimer, B.; Elgar, Steve; Slocum, R. K.; McNinch, J. E.	Lidar and Pressure Measurements of Inner-Surfzone Waves and Setup	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2015
Morozov, Andrey K.; Colosi, John A.	Entropy rate defined by internal wave scattering in long-range propagation	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Yellepeddi, Atulya; Preisig, James C.	Adaptive Equalization in a Turbo Loop	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	0	2015
Stanway, M. Jordan; Kinsey, James C.	Rotation Identification in Geometric Algebra: Theory and Application to the Navigation of Underwater Robots in the Field	JOURNAL OF FIELD ROBOTICS	0	2015
Frisk, George V.; Becker, Kyle M.; Rajan, Subramaniam D.; Sellers, Cynthia J.; von der Heydt, Keith; Smith, Chad M.; Ballard, Megan S.	Modal Mapping Experiment and Geoacoustic Inversion Using Sonobuoys	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2015
Stanton, Timothy K.; Chu, Dezhang; Gelb, James M.; Tipple, George L.; Baik, Kyungmin	Interpreting Echo Statistics of Three Distinct Clutter Classes Measured With a Midfrequency Active Sonar: Accounting for Number of Scatterers, Scattering	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2015

作者	题目	刊名	被引次数	发表年份
Wood, Jon D.; Schanzle, J. Anthony; Terray, Eugene A.	Statistics, and Beampattern Effects Using Low-Cost Inertial Sensors to Measure Subsurface Mooring Motions IMU Corrects Upward-Looking ADCP Measurements	SEA TECHNOLOGY	0	2015
Andres, M.; Silvano, A.; Straneo, F.; Watts, D. R.	Icebergs and Sea Ice Detected with Inverted Echo Sounders	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Wang, Zhaohui Aleck; Sonnichsen, Frederick N.; Bradley, Albert M.; Hoering, Katherine A.; Lanagan, Thomas M.; Chu, Sophie N.; Hammar, Terence R.; Camilli, Richard	In Situ Sensor Technology for Simultaneous Spectrophotometric Measurements of Seawater Total Dissolved Inorganic Carbon and pH	ENVIRONMENTAL SCIENCE & TECHNOLOGY	3	2015
Diaz Mendez, Guillermo M.; Haller, Merrick C.; Raubenheimer, Britt; Elgar, Steve; Honegger, David A.	Radar Remote Sensing Estimates of Waves and Wave Forcing at a Tidal Inlet	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2015
Dell, R. W.; Pratt, L. J.	Diffusive boundary layers over varying topography	JOURNAL OF FLUID MECHANICS	0	2015
Racault, Marie-Fanny; Raitzos, Dionysios E.; Berumen, Michael L.; Brewin, Robert J. W.; Platt, Trevor; Sathyendranath, Shubha; Hoteit, Ibrahim	Phytoplankton phenology indices in coral reef ecosystems: Application to ocean-color observations in the Red Sea	REMOTE SENSING OF ENVIRONMENT	9	2015
Van Parijs, Sofie M.; Baumgartner, Mark; Cholevviak, Danielle; Davis, Genevieve; Gedamke, Jason; Gerlach, Dana; Haver, Samara;	NEPAN: A US Northeast Passive Acoustic Sensing Network for Monitoring, Reducing Threats and the Conservation of Marine Animals	MARINE TECHNOLOGY SOCIETY JOURNAL	1	2015

作者	题目	刊名	被引 次数	发表年份
Hatch, Joshua; Hatch, Leila; Hotchkin, Cara; Izzi, Annamaria; Klinck, Holger; Matzen, Eric; Risch, Denise; Silber, Gregory K.; Thompson, Michael Jin, Xiangze; Yu, Lisan; Jackson, Darren L.; Wick, Gary A.	An Improved Near-Surface Specific Humidity and Air Temperature Climatology for the SSM/I Satellite Period	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	4	2015
Manucharyan, G. E.; Caulfield, C. P.	Entrainment and mixed layer dynamics of a surface-stress-driven stratified fluid	JOURNAL OF FLUID MECHANICS	0	2015
O'Neil, Gregory W.; Culler, Aaron R.; Williams, John R.; Burlow, Noah P.; Gilbert, Garrett J.; Carmichael, Catherine A.; Nelson, Robert K.; Swarthout, Robert F.; Reddy, Christopher M.	Production of Jet Fuel Range Hydrocarbons as a Coproduct of Algal Biodiesel by Butenolysis of Long-Chain Alkenones	ENERGY & FUELS	3	2015
Bassett, Christopher; Lavery, Andone C.; Maksym, Ted; Wilkinson, Jeremy P.	Laboratory measurements of high-frequency, acoustic broadband backscattering from sea ice and crude oil	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Zakharov, Yuriy V.; Morozov, Andrey K.	OFDM Transmission Without Guard Interval in Fast-Varying Underwater Acoustic Channels	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2015
Bhatia, Saurav; Stanton, Timothy K.; Baik, Kyungmin	Non-Rayleigh Scattering by a Randomly Oriented Elongated Scatterer Randomly Located in a Beam	IEEE JOURNAL OF OCEANIC ENGINEERING	2	2015
Kimball, Peter W.; Rock, Stephen M.	Mapping of Translating, Rotating Icebergs With an	IEEE JOURNAL OF	0	2015

作者	题目	刊名	被引次数	发表年份
	Autonomous Underwater Vehicle	OCEANIC ENGINEERING		
Chiu, Linus Y. S.; Chang, Andrea; Lin, Ying-Tsong; Liu, Char-Shine	Estimating Geoacoustic Properties of Surficial Sediments in the North Mien-Hua Canyon Region With a Chirp Sonar Profiler	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2015
Lin, Ying-Tsong; Duda, Timothy F.; Emerson, Chris; Gawarkiewicz, Glen; Newhall, Arthur E.; Calder, Brian; Lynch, James F.; Abbot, Philip; Yang, Yiing-Jang; Jan, Sen	Experimental and Numerical Studies of Sound Propagation Over a Submarine Canyon Northeast of Taiwan	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2015
Wilkinson, J. P.; Boyd, T.; Hagen, B.; Maksym, T.; Pegau, S.; Roman, C.; Singh, H.; Zabilansky, L.	Detection and quantification of oil under sea ice: The view from below	COLD REGIONS SCIENCE AND TECHNOLOGY	0	2015
Wang, Hangzhou; Chen, Ying; Song, Hong; Laney, Samuel R.	A Fiber Optic Spectrometry System for Measuring Irradiance Distributions in Sea Ice Environments	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2014
Lee, Wu-Jung; Stanton, Timothy K.	Statistics of Echoes From Mixed Assemblages of Scatterers With Different Scattering Amplitudes and Numerical Densities	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2014
Pfister, Catherine A.; Esbaugh, Andrew J.; Frieder, Christina A.; Baumann, Hannes; Bockmon, Emily E.; White, Meredith M.; Carter, Brendan R.; Benway, Heather M.; Blanchette, Carol A.; Carrington, Emily; McClintock, James	Detecting the Unexpected: A Research Framework for Ocean Acidification	ENVIRONMENTAL SCIENCE & TECHNOLOGY	11	2014

作者	题目	刊名	被引次数	发表年份
B.; McCorkle, Daniel C.; McGillis, Wade R.; Mooney, T. Aran; Ziveri, Patrizia				
Kinsey, James C.; Yang, Qingjun; Howland, Jonathan C.	Nonlinear Dynamic Model-Based State Estimators for Underwater Navigation of Remotely Operated Vehicles	IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY	0	2014
Baumgartner, Mark F.; Stafford, Kathleen M.; Winsor, Peter; StatScewich, Flank; Fratantoni, David M.	Glider-Based Passive Acoustic Monitoring in the Arctic	MARINE TECHNOLOGY SOCIETY JOURNAL	2	2014
Leslie, William R.; Karnauskas, Kristopher B.	The Equatorial Undercurrent and TAO Sampling Bias from a Decade at SEA	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2014
Hansen, Jeff E.; Janssen, Tim T.; Raubenheimer, Britt; Shi, Fengyan; Barnard, Patrick L.; Jones, Isaac S.	Observations of surfzone alongshore pressure gradients onshore of an ebb-tidal delta	COASTAL ENGINEERING	4	2014
Gros, Jonas; Nabi, Deedar; Wuerz, Birgit; Wick, Lukas Y.; Brussaard, Corina P. D.; Huisman, Johannes; van der Meer, Jan R.; Reddy, Christopher M.; Arey, J. Samuel	First Day of an Oil Spill on the Open Sea: Early Mass Transfers of Hydrocarbons to Air and Water	ENVIRONMENTAL SCIENCE & TECHNOLOGY	10	2014
Spaulding, Reggie S.; DeGrandpre, Michael D.; Beck, James C.; Hart, Robert D.; Peterson, Brittany; De Carlo, Eric H.; Drupp, Patrick S.; Hammar, Terry R.	Autonomous in Situ Measurements of Seawater Alkalinity	ENVIRONMENTAL SCIENCE & TECHNOLOGY	3	2014



作者	题目	刊名	被引次数	发表年份
White, Helen K.; Lyons, Shelby L.; Harrison, Sarah J.; Findley, David M.; Liu, Yina; Kujawinski, Elizabeth B.	Long-Term Persistence of Dispersants following the Deepwater Horizon Oil Spill	ENVIRONMENTAL SCIENCE & TECHNOLOGY LETTERS	11	2014
Jones, Benjamin A.; Colosi, John A.; Stanton, Timothy K.	Echo statistics of individual and aggregations of scatterers in the water column of a random, oceanic waveguide	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2014
Aeppli, Christoph; Nelson, Robert K.; Radovic, Jagos R.; Carmichael, Catherine A.; Valentine, David L.; Reddy, Christopher M.	Recalcitrance and Degradation of Petroleum Biomarkers upon Abiotic and Biotic Natural Weathering of Deepwater Horizon Oil	ENVIRONMENTAL SCIENCE & TECHNOLOGY	22	2014
Ruddy, Brian M.; Huettel, Markus; Kostka, Joel E.; Lobodin, Vladislav V.; Bythell, Benjamin J.; McKenna, Amy M.; Aeppli, Christoph; Reddy, Christopher M.; Nelson, Robert K.; Marshall, Alan G.; Rodgers, Ryan P.	Targeted Petroleomics: Analytical Investigation of Macondo Well Oil Oxidation Products from Pensacola Beach	ENERGY & FUELS	21	2014
Clark, David B.; Lenain, Luc; Feddersen, Falk; Boss, Emmanuel; Guza, R. T.	Aerial Imaging of Fluorescent Dye in the Near Shore	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2014
Law, Kara Lavender; Moret-Ferguson, Skye E.; Goodwin, Deborah S.; Zettler, Erik R.; De Force, Emelia; Kukulka, Tobias; Proskurowski, Giora	Distribution of Surface Plastic Debris in the Eastern Pacific Ocean from an 11-Year Data Set	ENVIRONMENTAL SCIENCE & TECHNOLOGY	36	2014
McKenna, Amy M.; Williams, Jeffrey T.; Putman,	Unprecedented Ultrahigh Resolution FT-ICR Mass	ENERGY & FUELS	14	2014

作者	题目	刊名	被引 次数	发表年份
Jonathan C.; Aeppli, Christoph; Reddy, Christopher M.; Valentine, David L.; Lemkau, Karin L.; Kellermann, Matthias Y.; Savory, Joshua J.; Kaiser, Nathan K.; Marshall, Alan G.; Rodgers, Ryan P.	Spectrometry and Parts-Per-Billion Mass Accuracy Enable Direct Characterization of Nickel and Vanadyl Porphyrins in Petroleum from Natural Seeps			
Rypina, I. I.; Kirincich, A. R.; Limeburner, R.; Udovychchenkov, I. A.	Eulerian and Lagrangian Correspondence of High-Frequency Radar and Surface Drifter Data: Effects of Radar Resolution and Flow Components	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	7	2014
Yu, Xiao; Ozdemir, C. E.; Hsu, Tian-Jian; Balachandar, S.	Numerical Investigation of Turbulence Modulation by Sediment-Induced Stratification and Enhanced Viscosity in Oscillatory Flows	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	4	2014
Huang, Jianzhong; Zhou, Shengli; Huang, Jie; Preisig, James; Freitag, Lee; Willett, Peter	Progressive intercarrier and co-channel interference mitigation for underwater acoustic multi-input multi-output orthogonal frequency-division multiplexing	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	6	2014
Gros, Jonas; Reddy, Christopher M.; Aeppli, Christoph; Nelson, Robert K.; Carmichael, Catherine A.; Arey, J. Samuel	Resolving Biodegradation Patterns of Persistent Saturated Hydrocarbons in Weathered Oil Samples from the Deepwater Horizon Disaster	ENVIRONMENTAL SCIENCE & TECHNOLOGY	10	2014
Kilgour, Morgan J.; Auster, Peter J.; Packer, David; Purcell, Michael; Packard, Gregory; Dessner, Michael; Sherrell, Andrew; Rissolo,	Use of AUVs to Inform Management of Deep-Sea Corals	MARINE TECHNOLOGY SOCIETY JOURNAL	2	2014

作者	题目	刊名	被引次数	发表年份
Dominique Fratantoni, David M.	Environmentally Adaptive Deployment of Lagrangian Instrumentation Using a Submerged Autonomous Launch Platform (SALP)	MARINE TECHNOLOGY SOCIETY JOURNAL	0	2014
Marchant, Ross; Stevens, Thomas; Choukroun, Severine; Coombes, Gavin; Santarossa, Michael; Whinney, James; Ridd, Peter	A Buoyant Tethered Sphere for Marine Current Estimation	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2014
Murphy, Chris; Walls, Jeffrey M.; Schneider, Toby; Eustice, Ryan M.; Stojanovic, Milica; Singh, Hanumant	CAPTURE: A Communications Architecture for Progressive Transmission via Underwater Relays With Eavesdropping	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2014
Petillo, Stephanie; Schmidt, Henrik	Exploiting Adaptive and Collaborative AUV Autonomy for Detection and Characterization of Internal Waves	IEEE JOURNAL OF OCEANIC ENGINEERING	3	2014
Pratt, L. J.; Rypina, I. I.; Oezgoekmen, T. M.; Wang, P.; Childs, H.; Bebieva, Y.	Chaotic advection in a steady, three-dimensional, Ekman-driven eddy	JOURNAL OF FLUID MECHANICS	5	2014
Lamborg, Carl H.; Kent, Doug B.; Swarr, Gretchen J.; Munson, Kathleen M.; Kading, Tristan; O'Connor, Alison E.; Fairchild, Gillian M.; LeBlanc, Denis R.; Wiatrowski, Heather A.	Mercury Speciation and Mobilization in a Wastewater-Contaminated Groundwater Plume	ENVIRONMENTAL SCIENCE & TECHNOLOGY	3	2013
Furey, Heather H.; de Jong, M. Femke; Valdes, James R.; Bower, Amy S.	Eddy Seeding in the Labrador Sea: A Submerged Autonomous Launch Platform Application	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2013
Jackson, Keith; Wilkinson, Jeremy; Maksym, Ted;	A Novel and Low-Cost Sea Ice Mass Balance Buoy	JOURNAL OF	8	2013

作者	题目	刊名	被引 次数	发表年份
Meldrum, David; Beckers, Justin; Haas, Christian; Mackenzie, David		ATMOSPHERIC AND OCEANIC TECHNOLOGY		
Peterson, Richard N.; Breier, John A.; Harmon, Lindsay R.; Brusa, Jamie; Hutchins, Patrick R.	Development of a sparging chamber for field radon analysis	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	0	2013
Watts, D. Randolph; Kennelly, Maureen A.; Donohue, Kathleen A.; Tracey, Karen L.; Chereskin, Teresa K.; Weller, Robert A.; Victoria, Ivan	Four Current Meter Models Compared in Strong Currents in Drake Passage	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2013
Heaney, Kevin D.; Campbell, Richard L.; Murray, James J.; Baggeroer, Arthur B.; Scheer, Eddie K.; Stephen, Ralph A.; D'Spain, Gerald L.; Mercer, James A.	Deep water towed array measurements at close range	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2013
Freeman, Simon E.; D'Spain, Gerald L.; Lynch, Stephen D.; Stephen, Ralph A.; Heaney, Kevin D.; Murray, James J.; Baggeroer, Arthur B.; Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.	Estimating the horizontal and vertical direction-of-arrival of water-borne seismic signals in the northern Philippine Sea	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2013
Stephen, Ralph A.; Bolmer, S. Thompson; Udovydchenkov, Ilya A.; Worcester, Peter F.; Dzieciuch, Matthew A.; Andrew, Rex K.; Mercer, James A.; Colosi, John A.; Howe, Bruce M.	Deep seafloor arrivals in long range ocean acoustic propagation	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2013

作者	题目	刊名	被引次数	发表年份
Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.; Andrew, Rex K.; Dushaw, Brian D.; Baggeroer, Arthur B.; Heaney, Kevin D.; D'Spain, Gerald L.; Colosi, John A.; Stephen, Ralph A.; Kemp, John N.; Howe, Bruce M.; Van Uffelen, Lora J.; Wage, Kathleen E.	The North Pacific Acoustic Laboratory deep-water acoustic propagation experiments in the Philippine Sea	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	7	2013
Udovydchenkov, Ilya A.; Brown, Michael G.; Duda, Timothy F.; Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.; Andrew, Rex K.; Howe, Bruce M.; Colosi, John A.	Weakly dispersive modal pulse propagation in the North Pacific Ocean	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2013
Li, Quanlong; Wang, Fengzhen; Wang, Zhaohui Aleck; Yuan, Dongxing; Dai, Minhan; Chen, Jinshun; Dai, Junwei; Hoering, Katherine A.	Automated Spectrophotometric Analyzer for Rapid Single-Point Titration of Seawater Total Alkalinity	ENVIRONMENTAL SCIENCE & TECHNOLOGY	8	2013
Potter, John R.; Porter, Michael B.; Preisig, James C.	UComms: A Conference and Workshop on Underwater Communications, Channel Modeling, and Validation	IEEE JOURNAL OF OCEANIC ENGINEERING	3	2013
Deane, Grant B.; Preisig, James C.; Lavery, Andone C.	The Suspension of Large Bubbles Near the Sea Surface by Turbulence and Their Role in Absorbing Forward-Scattered Sound	IEEE JOURNAL OF OCEANIC ENGINEERING	3	2013
Tomasi, Beatrice; Toso, Giovanni; Casari, Paolo; Zorzi, Michele	Impact of Time-Varying Underwater Acoustic Channels on the Performance of Routing Protocols	IEEE JOURNAL OF OCEANIC ENGINEERING	4	2013
Baumgartner, Mark F.; Fratantoni, David M.; Hurst, Thomas P.; Brown, Moira W.; Cole, Tim	Real-time reporting of baleen whale passive acoustic detections from ocean gliders	JOURNAL OF THE ACOUSTICAL	7	2013

作者	题目	刊名	被引 次数	发表年份
V. N.; Van Parijs, Sofie M.; Johnson, Mark		SOCIETY OF AMERICA		
Ozdemir, Celalettin E.; Hsu, Tian-Jian; Balachandar, S.	Direct numerical simulations of instability and boundary layer turbulence under a solitary wave	JOURNAL OF FLUID MECHANICS	3	2013
Brown, Michael G.; Udovydchenkov, Ilya A.	Underwater communication using weakly dispersive modal pulses	ACOUSTICAL PHYSICS	1	2013
Kunz, Clayton; Singh, Hanumant	Map Building Fusing Acoustic and Visual Information using Autonomous Underwater Vehicles	JOURNAL OF FIELD ROBOTICS	8	2013
Aeppli, Christoph; Reddy, Christopher M.; Nelson, Robert K.; Kellermann, Matthias Y.; Valentine, David L.	Recurrent Oil Sheens at the Deepwater Horizon Disaster Site Fingerprinted with Synthetic Hydrocarbon Drilling Fluids	ENVIRONMENTAL SCIENCE & TECHNOLOGY	11	2013
Holbrook, W. Steven; Fer, Ilker; Schmitt, Raymond W.; Lizarralde, Daniel; Klymak, Jody M.; Helfrich, L. Cody; Kubichek, Robert	Estimating Oceanic Turbulence Dissipation from Seismic Images	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	7	2013
Siegel, D. A.; Behrenfeld, Mj.; Maritorea, S.; McClain, C. R.; Antoine, D.; Bailey, S. W.; Bontempi, P. S.; Boss, E. S.; Dierssen, H. M.; Doney, S. C.; Eplee, R. E., Jr.; Evans, R. H.; Feldman, G. C.; Fields, E.; Franz, B. A.; Kuring, N. A.; Mengelt, C.; Nelson, N. B.; Patt, F. S.; Robinson, W. D.; Sarmiento, J. L.; Swan, C. M.; Werdell, P. J.; Westberry, T. K.; Wilding, J. G.; Yoder, J. A.	Regional to global assessments of phytoplankton dynamics from the SeaWiFS mission	REMOTE SENSING OF ENVIRONMENT	58	2013

作者	题目	刊名	被引次数	发表年份
Wang, Zhaohui Aleck; Chu, Sophie N.; Hoering, Katherine A.	High-Frequency Spectrophotometric Measurements of Total Dissolved Inorganic Carbon in Seawater	ENVIRONMENTAL SCIENCE & TECHNOLOGY	9	2013
Zettler, Erik R.; Mincer, Tracy J.; Amaral-Zettler, Linda A.	Life in the "Plastisphere": Microbial Communities on Plastic Marine Debris	ENVIRONMENTAL SCIENCE & TECHNOLOGY	83	2013
Hakim, Aradea R.; Cowles, Geoffrey W.; Churchill, James H.	The Impact of Tidal Stream Turbines on Circulation and Sediment Transport in Muskeget Channel, MA	MARINE TECHNOLOGY SOCIETY JOURNAL	0	2013
Schlezinger, David R.; Taylor, Craig D.; Howes, Brian L.	Assessment of Zooplankton Injury and Mortality Associated With Underwater Turbines for Tidal Energy Production	MARINE TECHNOLOGY SOCIETY JOURNAL	1	2013
Kirincich, Anthony	Toward Real-Time, Remote Observations of the Coastal Wind Resource Using High-Frequency Radar	MARINE TECHNOLOGY SOCIETY JOURNAL	1	2013
Schneider, Toby; Schmidt, Henrik	Model-Based Adaptive Behavior Framework for Optimal Acoustic Communication and Sensing by Marine Robots	IEEE JOURNAL OF OCEANIC ENGINEERING	3	2013
Lentz, S. J.; Churchill, J. H.; Marquette, C.; Smith, J.	Evaluation and Recommendations for Improving the Accuracy of an Inexpensive Water Temperature Logger	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2013
Xu, Xiaoka; Zhou, Shengli; Morozov, Andrey K.; Preisig, James C.	Per-survivor processing for underwater acoustic communications with direct-sequence spread spectrum	JOURNAL OF THE ACOUSTICAL	11	2013

作者	题目	刊名	被引 次数	发表年份
Ashton, Andrew D.; Hutton, Eric W. H.; Kettner, Albert J.; Xing, Fei; Kallumadikal, Jisamma; Nienhuis, Jaap; Giosan, Liviu	Progress in coupling models of coastline and fluvial dynamics	SOCIETY OF AMERICA COMPUTERS & GEOSCIENCES	7	2013
Henderson, P. B.; Morris, P. J.; Moore, W. S.; Charette, M. A.	Methodological advances for measuring low-level radium isotopes in seawater	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	7	2013
White, Brian L.; Helfrich, Karl R.	Rapid gravitational adjustment of horizontal shear flows	JOURNAL OF FLUID MECHANICS	2	2013
Lin, Ying-Tsong; Duda, Timothy F.; Newhall, Arthur E.	THREE-DIMENSIONAL SOUND PROPAGATION MODELS USING THE PARABOLIC-EQUATION APPROXIMATION AND THE SPLIT-STEP FOURIER METHOD	JOURNAL OF COMPUTATIONAL ACOUSTICS	4	2013
Chiu, Linus Y. S.; Reeder, D. Benjamin; Chang, Yuan-Ying; Chen, Chi-Fang; Chiu, Ching-Sang; Lynch, James F.	Enhanced acoustic mode coupling resulting from an internal solitary wave approaching the shelfbreak in the South China Sea	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2013
Li, Jianlong; Zhou, Hui	Tracking of time-evolving sound speed profiles in shallow water using an ensemble Kalman-particle filter	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2013
Bigorre, Sebastien P.; Weller, Robert A.; Edson,	A Surface Mooring for Air-Sea Interaction Research in	JOURNAL OF	8	2013



作者	题目	刊名	被引 次数	发表年份
James B.; Ware, Jonathan D.	the Gulf Stream. Part II: Analysis of the Observations and Their Accuracies	ATMOSPHERIC AND OCEANIC TECHNOLOGY		
Papale, Elena; Azzolin, Marta; Cascao, Irma; Gannier, Alexandre; Lammers, Marc O.; Martin, Vidal M.; Oswald, Julie; Perez-Gil, Monica; Prieto, Rui; Silva, Monica A.; Giacoma, Cristina	Geographic variability in the acoustic parameters of striped dolphin's ( <i>Stenella coeruleoalba</i> ) whistles	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	9	2013
White, Helen K.; Xu, Li; Hartmann, Paul; Quinn, James G.; Reddy, Christopher M.	Unresolved Complex Mixture (UCM) in Coastal Environments Is Derived from Fossil Sources	ENVIRONMENTAL SCIENCE & TECHNOLOGY	6	2013
Longworth, Brett E.; Robinson, Laura F.; Roberts, Mark L.; Beaupre, Steven R.; Burke, Andrea; Jenkins, William J.	Carbonate as sputter target material for rapid C-14 AMS	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	4	2013
Lin, Ying-Tsong; McMahon, Kara G.; Lynch, James F.; Siegmann, William L.	Horizontal ducting of sound by curved nonlinear internal gravity waves in the continental shelf areas	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	2	2013
Tervo, Outi M.; Christoffersen, Mads F.; Simon, Malene; Miller, Lee A.; Jensen, Frants H.; Parks,	High Source Levels and Small Active Space of High-Pitched Song in Bowhead Whales ( <i>Balaena</i>	PLOS ONE	3	2012

作者	题目	刊名	被引次数	发表年份
Susan E.; Madsen, Peter T.	mysticetus)			
Deane, Grant B.; Preisig, James C.; Tindle, Chris T.; Lavery, Andone; Stokes, M. Dale	Deterministic forward scatter from surface gravity waves	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	12	2012
Talley, Wayne K.; Yip, Tsz Leung; Jin, Di	Determinants of vessel-accident bunker spills	TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT	1	2012
White, Brian L.; Helfrich, Karl R.	A general description of a gravity current front propagating in a two-layer stratified fluid	JOURNAL OF FLUID MECHANICS	11	2012
Bingham, Brian; Kraus, Nicholas; Howe, Bruce; Freitag, Lee; Ball, Keenan; Koski, Peter; Gallimore, Eric	Passive and active acoustics using an autonomous wave glider	JOURNAL OF FIELD ROBOTICS	6	2012
Udovydchenkov, Ilya A.; Stephen, Ralph A.; Duda, Timothy F.; Bolmer, S. Thompson; Worcester, Peter F.; Dzieciuch, Matthew A.; Mercer, James A.; Andrew, Rex K.; Howe, Bruce M.	Bottom interacting sound at 50 km range in a deep ocean environment	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2012
Lemaire, Benjamin; Debier, Cathy; Calderon, Pedro Buc; Thome, Jean Pierre; Stegeman, John; Mork, Jarle; Rees, Jean Francois	Precision-Cut Liver Slices To Investigate Responsiveness of Deep-Sea Fish to Contaminants at High Pressure	ENVIRONMENTAL SCIENCE & TECHNOLOGY	1	2012
Weller, Robert A.; Bigorre, Sebastien P.; Lord, Jeffrey; Ware, Jonathan D.; Edson, James B.	A Surface Mooring for Air-Sea Interaction Research in the Gulf Stream. Part I: Mooring Design and	JOURNAL OF ATMOSPHERIC AND	10	2012

作者	题目	刊名	被引次数	发表年份
	Instrumentation	OCEANIC TECHNOLOGY		
Kirincich, Anthony R.; de Paolo, Tony; Terrill, Eric	Improving HY Radar Estimates of Surface Currents Using Signal Quality Metrics, with Application to the MVCO High-Resolution Radar System	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	8	2012
Aeppli, Christoph; Carmichael, Catherine A.; Nelson, Robert K.; Lemkau, Karin L.; Graham, William M.; Redmond, Molly C.; Valentine, David L.; Reddy, Christopher M.	Oil Weathering after the Deepwater Horizon Disaster Led to the Formation of Oxygenated Residues	ENVIRONMENTAL SCIENCE & TECHNOLOGY	67	2012
Hoh, Eunha; Dodder, Nathan G.; Lehotay, Steven J.; Pangallo, Kristin C.; Reddy, Christopher M.; Maruya, Keith A.	Nontargeted Comprehensive Two-Dimensional Gas Chromatography/Time-of-Flight Mass Spectrometry Method and Software for Inventorying Persistent and Bioaccumulative Contaminants in Marine Environments	ENVIRONMENTAL SCIENCE & TECHNOLOGY	28	2012
Elgar, Steve; Raubenheimer, Britt; Thomson, Jim; Moulton, Melissa	Resonances in an Evolving Hole in the Swash Zone	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	0	2012
Webster, Sarah E.; Eustice, Ryan M.; Singh, Hanumant; Whitcomb, Louis L.	Advances in single-beacon one-way-travel-time acoustic navigation for underwater vehicles	INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH	31	2012
Udovydchenkov, Ilya A.; Brown, Michael G.;	Modal analysis of the range evolution of broadband	JOURNAL OF THE	5	2012

作者	题目	刊名	被引 次数	发表年份
Duda, Timothy F.; Mercer, James A.; Andrew, Rex K.; Worcester, Peter F.; Dzieciuch, Matthew A.; Howe, Bruce M.; Colosi, John A.	wavefields in the North Pacific Ocean: Low mode numbers	ACOUSTICAL SOCIETY OF AMERICA		
Udovydchenkov, Ilya A.; Brown, Michael G.; Duda, Timothy F.	Piecewise coherent mode processing of acoustic data recorded on two horizontally separated vertical line arrays	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2012
Hollinger, Geoffrey A.; Choudhary, Sunav; Qarabaqi, Parastoo; Murphy, Christopher; Mitra, Urbashi; Sukhatme, Gaurav S.; Stojanovic, Milica; Singh, Hanumant; Hover, Franz	Underwater Data Collection Using Robotic Sensor Networks	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	30	2012
Wang, Zhaohui; Zhou, Shengli; Preisig, James C.; Pattipati, Krishna R.; Willett, Peter	Clustered Adaptation for Estimation of Time-Varying Underwater Acoustic Channels	IEEE TRANSACTIONS ON SIGNAL PROCESSING	7	2012
Foote, Kenneth G.; Hastings, Mardi C.; Ketten, Darlene R.; Lin, Ying-Tsong; Reidenberg, Joy S.; Rye, Kent	Sonar-induced pressure fields in a post-mortem common dolphin	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2012
Duda, Timothy F.; Collis, Jon M.; Lin, Ying-Tsong; Newhall, Arthur E.; Lynch, James F.; DeFerrari, Harry A.	Horizontal coherence of low-frequency fixed-path sound in a continental shelf region with internal-wave activity	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	12	2012
Newhall, Arthur E.; Lin, Ying-Tsong; Lynch,	Long distance passive localization of vocalizing sei	JOURNAL OF THE	10	2012

作者	题目	刊名	被引次数	发表年份
James F.; Baumgartner, Mark F.; Gawarkiewicz, Glen G.	whales using an acoustic normal mode approach	ACOUSTICAL SOCIETY OF AMERICA		
Plueddemann, A. J.; Kukulya, A. L.; Stokey, R.; Freitag, Lee	Autonomous Underwater Vehicle Operations Beneath Coastal Sea Ice	IEEE-ASME TRANSACTIONS ON MECHATRONICS	6	2012
Jensen, Frants H.; Beedholm, Kristian; Wahlberg, Magnus; Bejder, Lars; Madsen, Peter T.	Estimated communication range and energetic cost of bottlenose dolphin whistles in a tropical habitat	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	19	2012
Ross, Tetjana; Lavery, Andone C.	Acoustic scattering from density and sound speed gradients: Modeling of oceanic pycnoclines	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	1	2012
von Reden, Karl F.; Roberts, Mark L.; McIntyre, Cameron P.; Burton, Joshua R.	Design and reality: Continuous-flow accelerator mass spectrometry (CFAMS)	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	4	2011
Roberts, M. L.; von Reden, K. F.; McIntyre, C. P.; Burton, J. R.	Progress with a gas-accepting ion source for Accelerator Mass Spectrometry	NUCLEAR INSTRUMENTS	5	2011

作者	题目	刊名	被引 次数	发表年份
		&METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS		
Wan, Hong; Chen, Rong-Rong; Choi, Jun Won; Singer, Andrew C.; Preisig, James C.; Farhang-Boroujeny, Behrouz	Markov Chain Monte Carlo Detection for Frequency-Selective Channels Using List Channel Estimates	IEEE JOURNAL OF SELECTED TOPICS IN SIGNAL PROCESSING	7	2011
Kirincich, Anthony R.; Rosman, Johanna H.	A Comparison of Methods for Estimating Reynolds Stress from ADCP Measurements in Wavy Environments	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2011
Schulz, E. W.; Grosenbaugh, M. A.; Pender, L.; Greenslade, D. J. M.; Trull, T. W.	Mooring Design Using Wave-State Estimate from the Southern Ocean	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2011
Choi, Jun Won; Riedl, Thomas J.; Kim, Kyeongyeon; Singer, Andrew C.; Preisig, James C.	Adaptive Linear Turbo Equalization Over Doubly Selective Channels	IEEE JOURNAL OF OCEANIC ENGINEERING	14	2011
Frosch, Robert A.	A Spatial Configuration Effect on the Probability of Detection	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2011

作者	题目	刊名	被引次数	发表年份
Garau, Bartolome; Ruiz, Simon; Zhang, Weifeng G.; Pascual, Ananda; Heslop, Emma; Kerfoot, John; Tintore, Joaquin	Thermal Lag Correction on Slocum CTD Glider Data	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	24	2011
Aretxabaleta, Alfredo L.; Smith, Keston W.	Analyzing state-dependent model-data comparison in multi-regime systems	COMPUTATIONAL GEOSCIENCES	1	2011
Duda, Timothy F.; Lin, Ying-Tsong; Reeder, D. Benjamin	Observationally constrained modeling of sound in curved ocean internal waves: Examination of deep ducting and surface ducting at short range	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	6	2011
Okkonen, Stephen R.; Ashjian, Carin J.; Campbell, Robert G.; Clarke, Janet T.; Moore, Sue E.; Taylor, Kevin D.	Satellite observations of circulation features associated with a bowhead whale feeding 'hotspot' near Barrow, Alaska	REMOTE SENSING OF ENVIRONMENT	13	2011
Chiu, Linus Y. S.; Lin, Ying-Tsong; Chen, Chi-Fang; Duda, Timothy F.; Calder, Brian	Focused sound from three-dimensional sound propagation effects over a submarine canyon	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	4	2011
Gorrell, L.; Raubenheimer, B.; Elgar, Steve; Guza, R. T.	SWAN predictions of waves observed in shallow water onshore of complex bathymetry	COASTAL ENGINEERING	23	2011
Baumgartner, Mark F.; Mussoline, Sarah E.	A generalized baleen whale call detection and classification system	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	26	2011
Sen Gupta, Ananya	Connecting Array Processing and Sparse Optimization in	SEA TECHNOLOGY	0	2011

作者	题目	刊名	被引 次数	发表年份
	Oceanography Compressive Sensing Array Framework May Provide an Efficient Way To Study Large Areas With Sparsely Distributed Information of Interest			
Tyack, Peter L.; Zimmer, Walter M. X.; Moretti, David; Southall, Brandon L.; Claridge, Diane E.; Durban, John W.; Clark, Christopher W.; D'Amico, Angela; DiMarzio, Nancy; Jarvis, Susan; McCarthy, Elena; Morrissey, Ronald; Ward, Jessica; Boyd, Ian L.	Beaked Whales Respond to Simulated and Actual Navy Sonar	PLOS ONE	80	2011
Kujawinski, Elizabeth B.; Soule, Melissa C. Kido; Valentine, David L.; Boysen, Angela K.; Longnecker, Krista; Redmond, Molly C.	Fate of Dispersants Associated with the Deepwater Horizon Oil Spill	ENVIRONMENTAL SCIENCE & TECHNOLOGY	184	2011
Ward, Jessica; Jarvis, Susan; Moretti, David; Morrissey, Ronald; DiMarzio, Nancy; Johnson, Mark; Tyack, Peter; Thomas, Len; Marques, Tiago	Beaked whale ( <i>Mesoplodon densirostris</i> ) passive acoustic detection in increasing ambient noise	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	6	2011
Halliday, Elizabeth; Gast, Rebecca J.	Bacteria in Beach Sands: An Emerging Challenge in Protecting Coastal Water Quality and Bather Health	ENVIRONMENTAL SCIENCE & TECHNOLOGY	48	2011
Eustice, Ryan M.; Singh, Hanumant; Whitcomb, Louis L.	Synchronous-Clock, One-Way-Travel-Time Acoustic Navigation for Underwater Vehicles	JOURNAL OF FIELD ROBOTICS	17	2011
Juyal, Priyanka; McKenna, Amy M.; Yen, Andrew; Rodgers, Ryan P.; Reddy, Christopher M.; Nelson, Robert K.; Andrews, A. Ballard;	Analysis and Identification of Biomarkers and Origin of Color in a Bright Blue Crude Oil	ENERGY & FUELS	16	2011



作者	题目	刊名	被引 次数	发表年份
Atolia, Esha; Allenson, Stephan J.; Mullins, Oliver C.; Marshall, Alan G.				
Stimpert, Alison K.; Au, Whitlow W. L.; Parks, Susan E.; Hurst, Thomas; Wiley, David N.	Common humpback whale ( <i>Megaptera novaeangliae</i> ) sound types for passive acoustic monitoring	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	19	2011

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作者	题目	刊名	被引 次数	发表年份
Zhang, X. W.; Uzuoka, R.; Tang, X. W.; Shao, Q.	Study of Seabed Pullout Resistance on a Quadrate Foundation Using Adaptive Time-Stepping Method	MARINE GEORESOURCES & GEOTECHNOLOGY	0	2016
Feng, Liyan; Tian, Jiangping; Long, Wuqiang; Gong, Weixin; Du, Baoguo; Li, Dan; Chen, Lei	Decreasing NO <sub>x</sub> of a Low-Speed Two-Stroke Marine Diesel Engine by Using In-Cylinder Emission Control Measures	ENERGIES	0	2016
Wang Yan; Zou Zhi-li	Longshore currents over barred beach with mild slope	CHINA OCEAN ENGINEERING	0	2016
Chen Yan-fei; Zhang Juan; Zhang Hong; Li Xin; Zhou Jing; Cao Jing	Ultimate bending capacity of strain hardening steel pipes	CHINA OCEAN ENGINEERING	0	2016
Zheng Jin-hai; Xiong Meng-jie; Wang Gang	Trapping mechanism of submerged ridge on trans-oceanic tsunami propagation	CHINA OCEAN ENGINEERING	0	2016
Zhao, Guang; Su, Xiaohui; Cao, Yao; Su,	Experiments on the hydrodynamic performance of	INTERNATIONAL JOURNAL OF	0	2016

作者	题目	刊名	被引 次数	发表年份
Juncong; Liu, Yan	horizontal axis tidal current turbine and desalination of sea water	ENERGY RESEARCH		
Huang, Wenfeng; Lei, Ruibo; Han, Hongwei; Li, Zhijun	Physical structures and interior melt of the central Arctic sea ice/snow in summer 2012	COLD REGIONS SCIENCE AND TECHNOLOGY	0	2016
Zhou, Hao; Pan, Haixia; Xu, Jianqiang; Xu, Weiping; Liu, Lifan	Acclimation of a marine microbial consortium for efficient Mn(II) oxidation and manganese containing particle production	JOURNAL OF HAZARDOUS MATERIALS	0	2016
Wang, Wen-hua; Wang, Lin-lin; Du, Ya-zhen; Yao, Yu-xin; Huang, Yi	Numerical and experimental analysis on motion performance of new sandglass-type floating body in waves	MARINE STRUCTURES	0	2016
Cao, Tieshan; Zhao, Jie; Cheng, Congqian; Li, Huifang	The Application of Stress-Relaxation Test to Life Assessment of T911/T22 Weld Metal	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	0	2016
Liu, Jun; Lu, Lihui; Hu, Yuxia	Keying behavior of gravity installed plate anchor in clay	OCEAN ENGINEERING	0	2016
Liu, Yong; Li, Yu-cheng	Predictive formulas in terms of Keulegan-Carpenter numbers for the resistance coefficients of perforated walls in Jarlan-type caissons	OCEAN ENGINEERING	0	2016
Su Chen-liang; Li Xin; Zhou Jing	Failure pressure analysis of corroded moderate-to-high strength pipelines	CHINA OCEAN ENGINEERING	0	2016
Guo Wei; Kang Hai-gui; Chen Bing; Xie Yu; Wang Yin	Numerical and experimental study of the 3D effect on connecting arm of vertical axis tidal current turbine	CHINA OCEAN ENGINEERING	0	2016
Liu, Kun; Liang, Haizhi; Ou, Jinping	Numerical Investigation of a Tuned Heave Plate Energy-Harvesting System of a Semi-Submersible	ENERGIES	0	2016

作者	题目	刊名	被引 次数	发表年份
	Platform			
Liu, Dianyong; Ma, Yuxiang; Dong, Guohai; Perlin, Marc	Detuning and wave breaking during nonlinear surface wave focusing	OCEAN ENGINEERING	0	2016
Wu, Wenhua; Wang, Yanlin; Tang, Da; Yue, Qianjin; Du, Yu; Fan, Zheliang; Lin, Yang; Zhang, Yantao	Design, implementation and analysis of full coupled monitoring system of FPSO with soft yoke mooring system	OCEAN ENGINEERING	0	2016
Gao, Junliang; Ma, Xiaozhou; Dong, Guohai; Wang, Gang; Ma, Yuxiang	Numerical study of transient harbor resonance induced by solitary waves	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT	0	2016
Yu, Haitao; Yao, Nianmin; Wang, Tong; Li, Guangshun; Gao, Zhenguo; Tan, Guozhen	WDFAD-DBR: Weighting depth and forwarding area division DBR routing protocol for UASNs	AD HOC NETWORKS	0	2016
Song, Yue; Huang, Guoxing; Zhang, Ningchuan; Pei, Yuguo	Experimental study on the mooring tension of tunnel element during immersion standby	OCEAN ENGINEERING	0	2016
Zhang, Xinyu; Lin, Jun; Guo, Zijian; Liu, Tieshu	Vessel transportation scheduling optimization based on channel-berth coordination	OCEAN ENGINEERING	0	2016
Wang, L. L.; Sun, Y. W.; Gao, Y. Z.; Guo, D. M.	Preparation of durable underwater superoleophobic Ti6Al4V surfaces by electrochemical etching	SURFACE ENGINEERING	1	2016
Tang, Minggang; Lu, Qingzhen; Yan, Jun; Yue, Qianjin	Buckling collapse study for the carcass layer of flexible pipes using a strain energy equivalence method	OCEAN ENGINEERING	0	2016
Wang, Wenyuan; Guo, Zijian; Peng, Yun;	A numerical study of the effects of the T-shaped	OCEAN ENGINEERING	1	2016

作者	题目	刊名	被引 次数	发表年份
Zhang, Qi	baffles on liquid sloshing in horizontal elliptical tanks			
Wang, Guoyu; Ren, Bing; Wang, Yongxue	Experimental study on hydrodynamic performance of arc plate breakwater	OCEAN ENGINEERING	0	2016
Ren, Bing; Wen, Hongjie; Dong, Ping; Wang, Yongxue	Improved SPH simulation of wave motions and turbulent flows through porous media	COASTAL ENGINEERING	0	2016
Pan Yanfei; Yang Haibo; Meng Yingying; Liu Jiao; Shen Peili; Wu Peichun; Cao Xupeng; Xue Song	The utilization of natural soda resource of Ordos in the cultivation of <i>Nannochloropsis oceanica</i>	BIORESOURCE TECHNOLOGY	0	2016
Song, Yue; Huang, Guoxing; Pei, Yuguo; Zhang, Ningchuan; Wang, Yongxue	Experimental Study on the Hoist Tensions Between the Immersing Tunnel Element and Floating pontoons Under Irregular Waves	COASTAL ENGINEERING JOURNAL	0	2015
Wei, Zhi-jun; Yue, Qian-jin	Experimental Investigation of Non-similarity Slamming Phenomena in Geometrically Similar Tanks	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2015
Ji, Xinran; Liu, Shuxue; Bingham, Harry B.; Li, Jinxuan	Multi-directional random wave interaction with an array of cylinders	OCEAN ENGINEERING	0	2015
Zheng, Xiang Yuan; Li, Hongbin; Rong, Weidong; Li, Wei	Joint earthquake and wave action on the monopile wind turbine foundation: An experimental study	MARINE STRUCTURES	0	2015
Tang, Minggang; Yan, Jun; Chen, Jinlong; Yang, Zhixun; Yue, Qianjin	Nonlinear analysis and multi-objective optimization for bend stiffeners of flexible riser	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	1	2015
Liang, Haizhi; Li, Luyu; Ou, Jinping	Coupled control of the horizontal and vertical plane motions of a semi-submersible platform by a dynamic positioning system	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2015
Xu, Ning; Yue, Qianjin; Bi, Xiangjun;	Experimental study of dynamic conical ice force	COLD REGIONS SCIENCE AND	0	2015

作者	题目	刊名	被引次数	发表年份
Tuomo, Karna; Zhang, Dayong		TECHNOLOGY		
Wang Gang; Zheng Jin-hai; Liang Qiu-hua; Zhang Wei; Huang Cheng	Theoretical analysis of harbor resonance in harbor with an exponential bottom profile	CHINA OCEAN ENGINEERING	0	2015
Yang Hong-qi; Li Mu-guo; Liu Shu-xue; Zhang Qun; Wang Jing	A piston-type active absorbing wavemaker system with delay compensation	CHINA OCEAN ENGINEERING	0	2015
Zhang, Wen-Shou; Li, Dong-Dong	Active control of axial dynamic response of deepwater risers with Linear Quadratic Gaussian controllers	OCEAN ENGINEERING	0	2015
Wang, Shiping; Duan, Wenyang; Wang, Qianxi	The bursting of a toroidal bubble at a free surface	OCEAN ENGINEERING	0	2015
Chong, Zheng Rong; Chan, Adeline Hui Min; Babu, Ponnivalavan; Yang, Mingjun; Linga, Praveen	Effect of NaCl on methane hydrate formation and dissociation in porous media	JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING	0	2015
Yu, Haitao; Yao, Nianmin; Liu, Jun	An adaptive routing protocol in underwater sparse acoustic sensor networks	AD HOC NETWORKS	2	2015
Peng, Zhouhua; Wang, Dan; Wang, Wei; Liu, Lu	Containment control of networked autonomous underwater vehicles: A predictor-based neural DSC design	ISA TRANSACTIONS	0	2015
Dai, Jian-Ying; Cheng, Ling; He, Qing-Feng; Xiu, Zhi-Long	High acetoin production by a newly isolated marine Bacillus subtilis strain with low requirement of oxygen supply	PROCESS BIOCHEMISTRY	2	2015
Jiang, Sheng-chao; Teng, Bin; Bai, Wei; Gou, Ying	Numerical simulation of coupling effect between ship motion and liquid sloshing under wave action	OCEAN ENGINEERING	0	2015
Tang, Da; Sun, Xu; Yue, Qianjin; Shi, Zhongmin; Feng, Jiaguo	Research of complex modal parameters extraction of a multi-degree-of-freedom structure based on similarity	OCEAN ENGINEERING	0	2015

作者	题目	刊名	被引 次数	发表年份
Li, Mingwu; Ni, Qiao; Wang, Lin	search Nonlinear dynamics of an underwater slender beam with two axially moving supports	OCEAN ENGINEERING	1	2015
Lu, Lin; Jiang, Sheng-chao; Zhao, Ming; Tang, Guo-qiang	Two-dimensional viscous numerical simulation of liquid sloshing in rectangular tank with/without baffles and comparison with potential flow solutions	OCEAN ENGINEERING	3	2015
Ren, Nianxin; Gao, Zhen; Moan, Torgeir; Wan, Ling	Long-term performance estimation of the Spar-Torus-Combination (STC) system with different survival modes	OCEAN ENGINEERING	0	2015
Gao, Junliang; Ma, Xiaozhou; Dong, Guohai; Wang, Gang; Ma, Yuxiang	Improvements on the normal mode decomposition method used in harbor resonance	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT	1	2015
Wang, Wenyan; Peng, Yun; Song, Xiangqun; Zhou, Yong	Impact of Navigational Safety Level on Seaport Fairway Capacity	JOURNAL OF NAVIGATION	0	2015
Song, Jinlong; Lu, Yao; Luo, Jie; Huang, Shuai; Wang, Long; Xu, Wenji; Parkin, Ivan P.	Barrel-Shaped Oil Skimmer Designed for Collection of Oil from Spills	ADVANCED MATERIALS INTERFACES	4	2015
Liang, Hui; Faltinsen, Odd M.; Shao, Yan-Lin	Application of a 2D harmonic polynomial cell (HPC) method to singular flows and lifting problems	APPLIED OCEAN RESEARCH	0	2015
Zong, Zhi; Wang, Jia-xia; Zhou, Li; Zhang, Gui-yong	Fully nonlinear 3D interaction of bubble dynamics and a submerged or floating structure	APPLIED OCEAN RESEARCH	0	2015
Tang, Da; Xu, Chuanchuan; Yue, Qianjin;	Single point mooring system modal parameter	APPLIED OCEAN RESEARCH	0	2015

作者	题目	刊名	被引 次数	发表年份
Wu, Wenhua; Shi, Zhongmin; Feng, Jianguo	identification based on empirical mode decomposition and time-varying autoregressive model			
Chen, Deling; Yang, Xiangchun; Cao, Wenjing; Guo, Yuxi; Sun, Yaqin; Xiu, Zhilong	Three-liquid-phase salting-out extraction of effective components from waste liquor of processing sea cucumber	FOOD AND BIOPRODUCTS PROCESSING	0	2015
Chen, Bing; Lu, Lin; Greated, Clive A.; Kang, Haigui	Investigation of wave forces on partially submerged horizontal cylinders by numerical simulation	OCEAN ENGINEERING	0	2015
Li Mei-qiu; Duan Meng-lan; Huang Yi	Investigation on cutting stability of jacket in decommissioning process	CHINA OCEAN ENGINEERING	0	2015
Dong, Leilei; Tu, Sanshan; Huang, Yi; Dong, Guohai; Zhang, Qi	A model for the biaxial dynamic bending of unbonded flexible pipes	MARINE STRUCTURES	0	2015
Peng, Zhouhua; Wang, Dan; Shi, Yang; Wang, Hao; Wang, Wei	Containment control of networked autonomous underwater vehicles with model uncertainty and ocean disturbances guided by multiple leaders	INFORMATION SCIENCES	6	2015
Cui, Zhendong; Zhao, Ming; Teng, Bin; Cheng, Liang	Two-dimensional numerical study of vortex-induced vibration and galloping of square and rectangular cylinders in steady flow	OCEAN ENGINEERING	0	2015
Wang, Yan; Zou, Zhili	An experimental and numerical study of bimodal velocity profile of longshore currents over mild-slope barred beaches	OCEAN ENGINEERING	0	2015
Ma, Yongbin; Zhang, Yahui; Kennedy, David	A hybrid wave propagation and statistical energy analysis on the mid-frequency vibration of built-up plate systems	JOURNAL OF SOUND AND VIBRATION	2	2015
Xu, Ning; Yue, Qianjin; Zhang, Dayong;	Comparison and Cause Analysis of Ice-Induced	INTERNATIONAL JOURNAL OF	0	2015

作者	题目	刊名	被引 次数	发表年份
Qu, Yan; Yuan, Shuai; Liu, Xueqin; Chen, Weibin	Structural Vibrations on Different Ice-Breaking Cones	OFFSHORE AND POLAR ENGINEERING		
Yin, Yu-mei; Cui, Hong-yu; Hong, Ming; Zhao, De-you	Prediction of the vertical vibration of ship hull based on grey relational analysis and SVM method	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2015
Lyu, Zhenwang; Ma, Kun; Liu, Fei	Military ship's subdivision optimization for reinforcement of anti-wind capacity after damage	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	20
Li, Hongnan; Zhang, Peng; Song, Gangbing; Patil, Devendra; Mo, Yilung	Robustness study of the pounding tuned mass damper for vibration control of subsea jumpers	SMART MATERIALS AND STRUCTURES	1	2015
Zhang, Xin-Yu; Ji, Ming-Jun; Yao, Shun; Chen, Xiang	Optimising Feeder Routing for Container Ships through an Electronic Chart Display and Information System	JOURNAL OF NAVIGATION	0	2015
Li, Jinxuan; Yang, Jiqing; Liu, Shuxue; Ji, Xinran	Wave groupiness analysis of the process of 2D freak wave generation in random wave trains	OCEAN ENGINEERING	0	2015
Tang, Da; Wang, Zhihao; Yue, Qianjin; Shi, Zhongmin; Feng, Jiaguo	Modal analysis of multi-degree-of-freedom dynamic system based on non-stationary response data	JOURNAL OF SOUND AND VIBRATION	0	2015
Yan, K.; Zou, Z. L.; Zhou, Y. L.	Generation and evolution features of L-2-type crescent waves in laboratory conditions	OCEAN ENGINEERING	0	2015
Jiang, Wen-Ying; Lin, Yan; Chen, Ming; Yu, Yan-Yun	A co-evolutionary improved multi-ant colony optimization for ship multiple and branch pipe route design	OCEAN ENGINEERING	0	2015
Dong, Leilei; Huang, Yi; Dong, Guohai; Zhang, Qi; Liu, Gang	Bending behavior modeling of unbonded flexible pipes considering tangential compliance of interlayer contact interfaces and shear deformations	MARINE STRUCTURES	1	2015
Liu, Chunguang; Hao, Ertong; Zhang,	Optimization and application of a crashworthy device	APPLIED OCEAN RESEARCH	0	2015



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Shibo	for the monopile offshore wind turbine against ship impact			
Bai Xiao-dong; Zhao Yun-peng; Dong Guo-hai; Li Yu-cheng	Hydrodynamic analysis of elastic floating collars in random waves	CHINA OCEAN ENGINEERING	0	2015
Bi Chun-wei; Zhao Yun-peng; Dong Guo-hai	Numerical study on the hydrodynamic characteristics of biofouled full-scale net cage	CHINA OCEAN ENGINEERING	0	2015
Zhao Yun-peng; Wang Xin-xin; Decew, Jud; Tsukrov, Igor; Bai Xiao-dong; Bi Chun-wei	Comparative study of two approaches to model the offshore fish cages	CHINA OCEAN ENGINEERING	1	2015
Yu, Yan; Huang, Siyue; Wang, Jie; Ou, Jinping	Design of Wireless Logging Instrument System for Monitoring Oil Drilling Platform	IEEE SENSORS JOURNAL	1	2015
Zhao, Xuefeng; Li, Weijie; Zhou, Lei; Song, Gangbing; Ba, Qin; Ho, Siu Chun Michael; Ou, Jinping	Application of support vector machine for pattern classification of active thermometry-based pipeline scour monitoring	STRUCTURAL CONTROL & HEALTH MONITORING	1	2015
Du, Yu; Wu, Wenhua; Tang, Da; Yue, Qianjin; Li, Feng; Xie, Ribin	A novel underwater measurement method for mooring system using self-contained technique	ADVANCES IN MECHANICAL ENGINEERING	0	2015
Jiang Feng; Tang Xiao-cheng; Jin Zhao; Zhang Li; Chen Hong-zhou	Numerical method for wave forces acting on partially perforated caisson	CHINA OCEAN ENGINEERING	0	2015
Chen Yan-fei; Zhang Juan; Zhang Hong; Liu Xiao-ben; Li Xin; Zhou Jing; Cao Jing	Ultimate load capacity of offshore pipeline with arbitrary shape corrosion defects	CHINA OCEAN ENGINEERING	0	2015
Zhao, Ming; Vaidya, Shailesh; Zhang, Qin; Cheng, Liang	Local scour around two pipelines in tandem in steady current	COASTAL ENGINEERING	1	2015
Zhao, Jiafei; Zhu, Zihao; Song, Yongchen; Liu, Weiguo; Zhang, Yi; Wang, Dayong	Analyzing the process of gas production for natural gas hydrate using depressurization	APPLIED ENERGY	21	2015

作者	题目	刊名	被引 次数	发表年份
Ren, Bing; He, Ming; Dong, Ping; Wen, Hongjie	Nonlinear simulations of wave-induced motions of a freely floating body using WCSPH method	APPLIED OCEAN RESEARCH	3	2015
Tang, Minggang; Yang, Chan; Yan, Jun; Yue, Qianjin	Validity and limitation of analytical models for the bending stress of a helical wire in unbonded flexible pipes	APPLIED OCEAN RESEARCH	0	2015
Wei, Zhi-Jun; Faltinsen, Odd Magnus; Lugni, Claudio; Yue, Qian-Jin	Sloshing-induced slamming in screen-equipped rectangular tanks in shallow-water conditions	PHYSICS OF FLUIDS	1	2015
Ning, De-zhi; Zhuo, Xiao-ling; Hou, Tian-cong; Teng, Bin	Numerical Investigation of Focused Waves on Uniform Currents	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2015
Fang, Kezhao; Liu, Zhongbo; Zou, Zhili	Efficient computation of coastal waves using a depth-integrated, non-hydrostatic model	COASTAL ENGINEERING	2	2015
Tang, Jun; Shen, Shaodong; Wang, Hui	Numerical model for coastal wave propagation through mild slope zone in the presence of rigid vegetation	COASTAL ENGINEERING	1	2015
Cheng, Yong; Zhai, Gangjun; Ou, Jinping	Numerical and experimental analysis of hydroelastic response on a very large floating structure edged with a pair of submerged horizontal plates	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2015
Wang, Yihe; Hu, Xiaofei; Zhao, Ziqi; Yue, Qianjin; Xu, Ning	Failure mode of the ice sheet loading at the junction of the upward and downward breaking cones	OCEAN ENGINEERING	0	2015
Cong, Peiwen; Gou, Ying; Teng, Bin; Zhang, Kang; Huang, Yifan	Model experiments on wave elevation around a four-cylinder structure	OCEAN ENGINEERING	0	2015
Li Jin-xuan; Liu Shu-xue	Focused wave properties based on a high order spectral method with a non-periodic boundary	CHINA OCEAN ENGINEERING	1	2015
Cai, Shaobin; Yao, Nianmin; Gao,	A reliable data transfer protocol based on twin paths	EURASIP JOURNAL ON	0	2015

作者	题目	刊名	被引 次数	发表年份
Zhenguo	and network coding for underwater acoustic sensor network	WIRELESS COMMUNICATIONS AND NETWORKING		
Zhao, DongSheng; Liu, YuJun; Wang, XianDong; Ji, ZhuoShang	The Calculation and Measurement of Welding Residual Stress for Invar Steel of a Liquefied Natural Gas Carrier's Containment System	JOURNAL OF SHIP PRODUCTION AND DESIGN	0	2015
Feng, Xin; Wu, Wenjing; Li, Xingyu; Zhang, Xiaowei; Zhou, Jing	Experimental investigations on detecting lateral buckling for subsea pipelines with distributed fiber optic sensors	SMART STRUCTURES AND SYSTEMS	1	2015
Liu, Jun; Tian, Jianlong; Yi, Ping	Impact forces of submarine landslides on offshore pipelines	OCEAN ENGINEERING	1	2015
Zhao, Yun-Peng; Bai, Xiao-Dong; Dong, Guo-Hai; Bi, Chun-Wei; Gui, Fu-Kun	Numerical analysis of the elastic response of a floating collar in waves	OCEAN ENGINEERING	0	2015
Zhang, Xiangfeng; Yue, Qianjin; Zhang, Wenshou	The Model Test of Deep Water S-Lay Stinger Using Dynamical Substructure Method	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2015
Chen, Yanfei; Zhang, Juan; Zhang, Hong; Li, Xin; Zhou, Jing	Re-examination of natural frequencies of marine risers by variational iteration method	OCEAN ENGINEERING	2	2015
Jiang, Meirong; Ren, Bing; Wang, Guoyu	Laboratory study on the hydrodynamic and structural characteristic of violent sloshing in elastic tanks	SHIPS AND OFFSHORE STRUCTURES	0	2015
Ji, Shunying; Di, Shaocheng; Liu, Shewen	Analysis of ice load on conical structure with discrete element method	ENGINEERING COMPUTATIONS	0	2015
Xue, Zhijia; Tang, Xiaowei; Yang, Qing; Wan, Yong; Yang, Gang	Comparison of Electro-Osmosis Experiments on Marine Sludge with Different Electrode Materials	DRYING TECHNOLOGY	1	2015

作者	题目	刊名	被引 次数	发表年份
Yu, Yan-Yun; Lin, Yan; Chen, Ming; Li, Kai	A new method for ship inner shell optimization based on parametric technique	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	0	2015
Yu, Zhaolong; Hu, Zhiqiang; Wang, Ge	Plastic mechanism analysis of structural performances for stiffeners on bottom longitudinal web girders during a shoal grounding accident	MARINE STRUCTURES	4	2015
Xie, Peng; Zhao, Yan; Yue, Qianjin; Palmer, Andrew C.	Dynamic loading history and collapse analysis of the pipe during deepwater S-lay operation	MARINE STRUCTURES	1	2015
Ji, Xinran; Liu, Shuxue; Li, Jinxuan; Jia, Wei	Experimental investigation of the interaction of multidirectional irregular waves with a large cylinder	OCEAN ENGINEERING	2	2015
Liu, Zhongbo; Fang, Kezhao	Discussion of "A 2DH nonlinear Boussinesq-type wave model of improved dispersion, shoaling, and wave generation characteristics" by Chondros and Memos	COASTAL ENGINEERING	0	2015
Fan, Tianhui; Qiao, Dongsheng; Ou, Jinping	DYNAMIC EFFECTS OF EQUIVALENT TRUNCATED MOORING SYSTEMS FOR A SEMI-SUBMERSIBLE PLATFORM	BRODOGRADNJA	0	2014
Cheng, Yong; Zhai, Gang-jun; Ou, Jinping	Time-domain numerical and experimental analysis of hydroelastic response of a very large floating structure edged with a pair of submerged horizontal plates	MARINE STRUCTURES	1	2014
Ning De-zhi; Lin Hong-xing; Teng Bin; Zou Qing-ping	Higher harmonics induced by waves propagating over a submerged obstacle in the presence of uniform current	CHINA OCEAN ENGINEERING	0	2014
Song, Yue; Huang, Guoxing; Pei, Yuguo;	Dynamic Responses of Immersing Tunnel Element	INTERNATIONAL JOURNAL OF	2	2014

作者	题目	刊名	被引 次数	发表年份
Shi, Xianying; Zhang, Ningchuan; Lin, Liyang	During Freeboard Elimination	OFFSHORE AND POLAR ENGINEERING		
Sun, Wei; Li, Xiaojie; Hokamoto, Kazuyuki	Fabrication of graded density impactor via underwater shock wave and quasi-isentropic compression testing at two-stage gas gun facility	APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING	0	2014
Dong, Guohai; Chen, Hongzhou; Ma, Yuxiang	Parameterization of nonlinear shallow water waves over sloping bottoms	COASTAL ENGINEERING	1	2014
Song, Jinlong; Huang, Shuai; Lu, Yao; Bu, Xiangwei; Mates, Joseph E.; Ghosh, Aritra; Ganguly, Ranjan; Carmalt, Claire J.; Parkin, Ivan P.; Xu, Wenji; Megaridis, Constantine M.	Self-Driven One-Step Oil Removal from Oil Spill on Water via Selective-Wettability Steel Mesh	ACS APPLIED MATERIALS & INTERFACES	38	2014
Fan, Tianhui; Qiao, Dongsheng; Ou, Jinping	Innovative approach to design truncated mooring system based on static and damping equivalent	SHIPS AND OFFSHORE STRUCTURES	2	2014
Lu, Qingzhen; Yang, Zhixun; Yan, Jun; Yue, Qianjin	Design of Cross-Sectional Layout of Steel Tube Umbilical	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2014
Ren, Bing; Jin, Zhao; Gao, Rui; Wang, Yong-xue; Xu, Zhi-lin	SPH-DEM Modeling of the Hydraulic Stability of 2D Blocks on a Slope	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2014
Liao, Jianjun; Lin, Shiwei; Liu, Kai; Yang, Yue; Zhang, RuiRui; Du, Wencai; Li, Xiaogan	Organic electrochemical transistor based biosensor for detecting marine diatoms in seawater medium	SENSORS AND ACTUATORS B-CHEMICAL	4	2014

作者	题目	刊名	被引 次数	发表年份
Xu, Tiao-Jian; Dong, Guo-Hai; Li, Yu-Cheng; Guo, Wei-Jun	Numerical study of a self-submersible single-point mooring gravity cage in combined wave-current flow	APPLIED OCEAN RESEARCH	0	2014
Li, Hai-tao; Wang, Qi-bin; Zong, Zhi; Sun, Lei; Liang, Hui	Stochastic hydroelastic analysis of a very large floating structure using pseudo-excitation method	APPLIED OCEAN RESEARCH	0	2014
Ai, Congfang; Ding, Weiye; Jin, Sheng	A general boundary-fitted 3D non-hydrostatic model for nonlinear focusing wave groups	OCEAN ENGINEERING	0	2014
Yang, Zhiwen; Liu, Shuxue; Bingham, Harry B.; Li, Jinxuan	Second-order coupling of numerical and physical wave tanks for 2D irregular waves. Part I: Formulation, implementation and numerical properties	COASTAL ENGINEERING	1	2014
Yang, Zhiwen; Liu, Shuxue; Bingham, Harry B.; Li, Jinxuan	Second-order coupling of numerical and physical wave tanks for 2D irregular waves. Part II: Experimental validation in two-dimensions	COASTAL ENGINEERING	0	2014
Shen, L. D.; Zou, Z. L.	A theoretical solution to dispersion coefficients in wave field	OCEAN ENGINEERING	0	2014
Qiao, Dongsheng; Yan, Jun; Ou, Jinping	Fatigue analysis of deepwater hybrid mooring line under corrosion effect	POLISH MARITIME RESEARCH	0	2014
Yin, Yumei; Zhao, Deyou; Cui, Hongyu; Hong, Ming	PREDICTING METHOD OF NATURAL FREQUENCY FOR SHIP'S OVERALL VERTICAL VIBRATION	BRODOGRADNJA	0	2014
Li, Hongkun; Zhang, Xiaowen; He, Delu; Zhou, Peilin	An investigation into frequency resolution estimation model for impact signal analysis by using Hilbert spectrum and condition classification for marine diesel engine	JOURNAL OF VIBROENGINEERING	0	2014
Wang, Yihe; Yue, Qianjin; Xu, Ning;	Ice Forces on Jack-up Legs due to Ice Crushing	INTERNATIONAL JOURNAL OF	0	2014

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Zhang, Dayong		OFFSHORE AND POLAR ENGINEERING		
Chen, Xiaobo; Li, Jing; Chen, JianYun	Nonlinear wave and currents loads analysis of offshore wind turbines	KSCIE JOURNAL OF CIVIL ENGINEERING	0	2014
Gao, Zhenguo; Hu, Zhiqiang; Wang, Ge; Jiang, Zhe	An analytical method of predicting the response of FPSO side structures to head-on collision	OCEAN ENGINEERING	1	2014
Liu Chun-guang; Sun Guo-shuai	Calculation and experiment for dynamic response of bridge in deep water under seismic excitation	CHINA OCEAN ENGINEERING	0	2014
Yu Bo; Ma Yu-xiang; Ma Xiao-zhou; Dong Guo-hai	Laboratory study of the nonlinear transformation of irregular waves over a mild slope	CHINA OCEAN ENGINEERING	0	2014
Zhou, B.; Han, X.; Tan, S-K; Liu, Y.; Wei, Z.	NUMERICAL AND EXPERIMENTAL STUDY ON PLATE FORMING USING THE TECHNIQUE OF LINE HEATING	INTERNATIONAL JOURNAL OF MARITIME ENGINEERING	0	2014
Tang Guolei; Guo Zijian; Yu Xuhui; Song Xiangqun; Du Pengcheng	SPAC to Improve Port Performance for Seaports with Very Long One-Way Entrance Channels	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2014
Sun, L.; Liu, C. F.; Zong, Z.; Dong, X. L.	Fatigue damage analysis of the deepwater riser from VIV using pseudo-excitation method	MARINE STRUCTURES	2	2014
Zhang Xiangfeng; Yue Qianjin; Zhang Wenshou; Xie Peng	Study on the design of a model experiment for deep-sea S-laying	OCEAN ENGINEERING	1	2014
Xiao Ying; Yin Fu-liang	Blind equalization based on RLS algorithm using adaptive forgetting factor for underwater acoustic channel	CHINA OCEAN ENGINEERING	2	2014
Ren, Bing; Wen, Hongjie; Dong, Ping;	Numerical simulation of wave interaction with porous	COASTAL ENGINEERING	5	2014

作者	题目	刊名	被引 次数	发表年份
Wang, Yongxue	structures using an improved smoothed particle hydrodynamic method			
Li, Hai-tao; Li, Jing; Zong, Zhi; Chen, Zhen	Numerical studies on sloshing in rectangular tanks using a tree-based adaptive solver and experimental validation	OCEAN ENGINEERING	3	2014
Liang, Cheng-hao; Wang, Hua; Huang, Nai-bao	Effects of Sulphate-reducing Bacteria on Corrosion Behaviour of 2205 Duplex Stainless Steel	JOURNAL OF IRON AND STEEL RESEARCH INTERNATIONAL	3	2014
Qiao, Dong-Sheng; Ou, Jin-Ping	TRUNCATED MODEL TESTS FOR MOORING LINES OF A SEMI-SUBMERSIBLE PLATFORM AND ITS EQUIVALENT COMPENSATED METHOD	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY-TAIWAN	0	2014
Luo Qiang; Luan Mao-tian; Yang Yun-ming; Wang Zhong-tao; Zhao Shou-zheng	Numerical analysis and centrifuge modeling of shallow foundations	CHINA OCEAN ENGINEERING	0	2014
Huang Yi; Zhen Xing-wei; Zhang Qi; Wang Wen-hua	Optimum design and global analysis of flexible jumper for an innovative subsurface production system in ultra-deep water	CHINA OCEAN ENGINEERING	1	2014
Tang Ming-gang; Yan Jun; Wang Ye; Yue Qian-jin	Tensile stiffness analysis on ocean dynamic power umbilical	CHINA OCEAN ENGINEERING	1	2014
Zhao, Jun; Duan, Menglan; Zhang, Aixia; Wang, Fei; Zhang, Minghui	Bearing capacity of square spudcan of jack-up rig based on a three-dimensional failure mechanism	SHIPS AND OFFSHORE STRUCTURES	0	2014
Ren, Jun; Han, Pingping; Wei, Houliang; Jia, Lingyun	Fouling-Resistant Behavior of Silver Nanoparticle-Modified Surfaces against the Bioadhesion of Microalgae	ACS APPLIED MATERIALS & INTERFACES	7	2014



作者	题目	刊名	被引 次数	发表年份
Qiao, Dongsheng; Yan, Jun; Ou, Jinping	EFFECTS OF MOORING LINE WITH BUOYS SYSTEM ON THE GLOBAL RESPONSES OF A SEMI-SUBMERSIBLE PLATFORM	BRODOGRADNJA	0	2014
Bian, Jinyao; Wang, Minjie; Zhao, Danyang; Xian, Qinchuan	Water discharge time from the conical surface of an underwater launched vehicle	OCEAN ENGINEERING	0	2014
Wang, Yihe; Yue, Qianjin; Bi, Xiangjun	Field test system for investigating dynamic ice forces on jacket structures and platform safety guarantee in the Bohai Sea	OCEAN ENGINEERING	0	2014
Song, Yongchen; Yang, Lei; Zhao, Jiafei; Liu, Weiguo; Yang, Mingjun; Li, Yanghui; Liu, Yu; Li, Qingping	The status of natural gas hydrate research in China: A review	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	25	2014
Yang Zhi-wen; Liu Shu-xue; Li Jin-xuan	An improved coupling of numerical and physical models for simulating wave propagation	CHINA OCEAN ENGINEERING	0	2014
Gui Fu-kun; Zhao Yun-peng; Xu Tiao-jian; Guan Chang-tao	Numerical simulation of dynamic response of a net cage for flatfish in waves	CHINA OCEAN ENGINEERING	0	2014
Liu Jun; Yu Long; Zhou Hui; Kong Xian-jing	Bearing capacity and critical punch-through depth of spudcan on sand overlying clay	CHINA OCEAN ENGINEERING	0	2014
Li, Ming-Chang; Si, Qi; Liang, Shu-Xiu; Sun, Zhao-Chen	MULTIPLE OBJECTIVES FOR GENETICALLY OPTIMIZED COUPLED INVERSION METHOD FOR JET MODELS IN FLOWING AMBIENT FLUID	ENGINEERING APPLICATIONS OF COMPUTATIONAL FLUID MECHANICS	2	2014
Lv, Wei; Li, Xiaojiao; Feng, Enmin	A Parameter Identification Method to Determine Salinity of Sea Ice Using Temperature and Thickness Observations	INTERNATIONAL JOURNAL OF THERMOPHYSICS	0	2014

作者	题目	刊名	被引 次数	发表年份
Sun, Wei; Li, Xiaojie; Yan, Honghao; Hokamoto, Kazuyuki	Effect of Initial Hardness on Interfacial Features in Underwater Explosive Welding of Tool Steel SKS3	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	1	2014
Xu, Ning; Yue, Qianjin	Dynamic Ice Force Analysis on a Conical Structure Based on Direct Observation and Measurement	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	2	2014
Lei, Song; Zhang, Wen-Shou; Lin, Jia-Hao; Yue, Qian-Jin; Kennedy, D.; Williams, F. W.	Frequency domain response of a parametrically excited riser under random wave forces	JOURNAL OF SOUND AND VIBRATION	1	2014
Qi, Chang; Yang, Shu; Yang, Li-Jun; Han, Shou-Hong; Lu, Zhen-Hua	Dynamic Response and Optimal Design of Curved Metallic Sandwich Panels under Blast Loading	SCIENTIFIC WORLD JOURNAL	0	2014
Qiao, Dongsheng; Ou, Jinping	Mooring Line Damping Estimation for a Floating Wind Turbine	SCIENTIFIC WORLD JOURNAL	0	2014
Wang, Bao-Min; Jia, Yuan; Zhang, Ting-Ting	RESEARCH ON CHLORIDE ION PENETRATION AND COMPRESSIVE STRENGTH OF OCEAN HIGH PERFORMANCE CONCRETE DOPED WITH NANO-SiO <sub>2</sub>	REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS	0	2014
Lin, Hong-Xing; Ning, De-Zhi; Zou, Qing-Ping; Teng, Bin; Chen, Li-Fen	Current Effects on Nonlinear Wave Scattering by a Submerged Plate	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	1	2014
Wang, Wen-hua; Huang, Yi; Wang, Yan-ying	Further Application of Surface Capturing Method and Cartesian Cut Cell Mesh on Hydroelastic Water-Entry Problems of Free-Falling Elastic Wedge	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2014

作者	题目	刊名	被引次数	发表年份
Lv, Wei; Li, Xiaojiao; Feng, Enmin	Parameter Identification for Salinity in a Quasilinear Thermodynamic System of Sea Ice	MATHEMATICAL PROBLEMS IN ENGINEERING	1	2014
Zhou, Jinghai; Sun, Li; Li, Hongnan	Study on Dynamic Response Measurement of the Submarine Pipeline by Full-Term FBG Sensors	SCIENTIFIC WORLD JOURNAL	1	2014
Bi, J. Y.; Zong, Z.	Regression Analysis of Principal Dimensions and Speed of Aircraft Carriers	POLISH MARITIME RESEARCH	0	2014
Guan, Feng; Duan, Menglan; Ma, Weiguo; Zhou, Zhihong; Yi, Xianzhong	An experimental study of mechanical behavior of coiled tubing in pipelines	APPLIED OCEAN RESEARCH	0	2014
Zhang, Nu; Zong, Zhi; Zhang, Wenpeng	Dynamic response of a surface ship structure subjected to an underwater explosion bubble	MARINE STRUCTURES	4	2014
Wang, Liang; Shi, Yantao; Bai, Xiaogong; Xing, Yujin; Zhang, Hong; Wang, Lin; Guo, Wei; Wang, Ning; Ma, Tingli; Graetzel, Michael	From marine plants to photovoltaic devices	ENERGY & ENVIRONMENTAL SCIENCE	7	2014
Cong PeiWen; Gou Ying; Teng Bin	Effect of pontoons on free surface elevation around a TLP platform	SCIENCE CHINA-TECHNOLOGICAL SCIENCES	0	2014
Cheng, Liang; Yeow, Kervin; Zang, Zhipeng; Li, Fangjun	3D scour below pipelines under waves and combined waves and currents	COASTAL ENGINEERING	8	2014
Li, Jinxuan; Wang, Zhanhang; Liu, Shuxue	Experimental study of interactions between multi-directional focused wave and vertical circular cylinder, part II: Wave force	COASTAL ENGINEERING	6	2014
Zhang Zhi-qiang; Luan Mao-tian; Wang Ke	Flow field analysis of submerged horizontal plate type breakwater	CHINA OCEAN ENGINEERING	1	2013

作者	题目	刊名	被引 次数	发表年份
Bai, Wei; Teng, Bin	Simulation of second-order wave interaction with fixed and floating structures in time domain	OCEAN ENGINEERING	3	2013
Lam, Wei-Haur; Bhatia, Aalisha	Folding tidal turbine as an innovative concept toward the new era of turbines	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	2	2013
Xie, Peng; Yue, Qianjin; Palmer, Andrew C.	Cyclic plastic deformation of overbend pipe during deepwater S-lay operation	MARINE STRUCTURES	3	2013
Li, Xin; Li, Ming-gao; Zhou, Jing	Experimental study of the hydrodynamic force on a pipeline subjected to vertical seabed movement	OCEAN ENGINEERING	0	2013
Huang, Guoxing; Law, Adrian W. K.	Wave-Induced Drift of Large Floating Objects in Regular Waves	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	4	2013
Fang, Kezhao; Zou, Zhili; Dong, Ping; Liu, Zhongbo; Gui, Qinqin; Yin, Jiwei	An efficient shock capturing algorithm to the extended Boussinesq wave equations	APPLIED OCEAN RESEARCH	6	2013
Liang, Hui; Zong, Zhi; Zou, Li	Nonlinear lifting theory for unsteady WIG in proximity to incident water waves. Part 2: Three-dimension	APPLIED OCEAN RESEARCH	1	2013
Liang, Hui; Zong, Zhi; Zou, Li	Nonlinear lifting theory for unsteady WIG in proximity to incident water waves. Part 1: Two-dimension	APPLIED OCEAN RESEARCH	1	2013
Xue Mi-an; Lin Peng-zhi; Zheng Jin-hai; Ma Yu-xiang; Yuan Xiao-li; Viet-Thanh Nguyen	Effects of perforated baffle on reducing sloshing in rectangular tank: Experimental and numerical study	CHINA OCEAN ENGINEERING	3	2013
Li Jin-xuan; Li Peng-fei; Liu Shu-xue	Observations of freak waves in random wave field in 2D experimental wave flume	CHINA OCEAN ENGINEERING	1	2013

作者	题目	刊名	被引 次数	发表年份
Qiao, Dongsheng; Ou, Jinping	Global responses analysis of a semi-submersible platform with different mooring models in South China Sea	SHIPS AND OFFSHORE STRUCTURES	2	2013
Wan, Chun; Bai, Feng-Wu; Zhao, Xin-Qing	Effects of nitrogen concentration and media replacement on cell growth and lipid production of oleaginous marine microalga <i>Nannochloropsis oceanica</i> DUT01	BIOCHEMICAL ENGINEERING JOURNAL	12	2013
Zhou, B. Z.; Ning, D. Z.; Teng, B.; Bai, W.	Numerical investigation of wave radiation by a vertical cylinder using a fully nonlinear HOBEM	OCEAN ENGINEERING	8	2013
Wang, Shengyong; Yue, Qianjin; Zhang, Dayong	Ice-induced non-structure vibration reduction of jacket platforms with isolation cone system	OCEAN ENGINEERING	5	2013
Yu, Yan-Yun; Lin, Yan	Optimization of ship inner shell to improve the safety of seagoing transport ship	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	1	2013
Dong, Leilei; Huang, Yi; Zhang, Qi; Liu, Gang	An Analytical Model to Predict the Bending Behavior of Unbonded Flexible Pipes	JOURNAL OF SHIP RESEARCH	2	2013
Liu, Huan-Wen; Wang, Qiu-Yue; Tang, Guo-Ji	Exact Solution to the Modified Mild-Slope Equation for Wave Scattering by a Cylinder with an Idealized Scour Pit	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	2	2013
Liu, Yuxiao; Li, Xin; Zhou, Jing; Song, Hualing	Postbuckling Analysis of Snaked-Lay Pipelines Based on a New Deformation Shape	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2013
Shi, Xian-ying; Yang, Yang; Zhang,	EXPERIMENTAL STUDY ON THE MOTIONS OF	JOURNAL OF MARINE SCIENCE	0	2013

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Ning-chuan; Huang, Yu-xin	A MOORING SHIP IN MIXED WAVES	AND TECHNOLOGY-TAIWAN		
Xu, Tiao-Jian; Zhao, Yun-Peng; Dong, Guo-Hai; Gui, Fu-Kun	Analysis of hydrodynamic behavior of a submersible net cage and mooring system in waves and current	APPLIED OCEAN RESEARCH	1	2013
Wang Gang; Viet Thanh Nguyena; Zheng Jin-hai; Dong Guo-hai; Ma Xiao-zhou; Ma Yu-xiang	Disintegration of linear edge waves	CHINA OCEAN ENGINEERING	1	2013
Dong, Guohai; Gao, Junliang; Ma, Xiaozhou; Wang, Gang; Ma, Yuxiang	Numerical study of low-frequency waves during harbor resonance	OCEAN ENGINEERING	7	2013
Li, Jinxuan; Liu, Shuxue; Zhao, Min; Teng, Bin	Experimental investigation of the hydrodynamic characteristics of heave plates using forced oscillation	OCEAN ENGINEERING	3	2013
Cui Cheng; Zhang Ning-chuan; Zuo Shu-hua; Fang Zhuo	A study on kinematics characteristics of freak wave	CHINA OCEAN ENGINEERING	0	2013
Liu Jun-yu; Lin Gao; Li Xiao-chuan; Xu Feng-lin	Evaluation of stress intensity factors for multiple cracked circular disks under crack surface tractions with SBFEM	CHINA OCEAN ENGINEERING	3	2013
Su, Jie; Yang, Bo; Du, Ling; Ji, Shunying	Monitoring Thin Ice Thickness by Upward-looking Sonar in Bohai Sea	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2013
Li, Binbin; Huang, Zhenhua; Low, Ying Min; Ou, Jinping	Experimental and numerical study of the effects of heave plate on the motion of a new deep draft multi-spar platform	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	2	2013
Li, Miao; Zhang, Hong; Guan, Hong; Lin, Gao	Three-dimensional investigation of wave-pile group interaction using the scaled boundary finite element method. Part I: Theoretical developments	OCEAN ENGINEERING	1	2013

作者	题目	刊名	被引 次数	发表年份
Li, Miao; Guan, Hong; Zhang, Hong; Liu, Jun	Three-dimensional investigation of wave-pile group interaction using the scaled boundary finite element method-Part II: Application results	OCEAN ENGINEERING	1	2013
Bi, J. Y.; Zong, Z.	Model Test of Influence of Propeller Arrangements Aboard a Four Propeller Boat	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2013
Cheng, Xiaofei; Wang, Yongxue; Wang, Guoyu	Influence of Proximity of the Seabed on Hydrodynamic Forces on a Submarine Piggyback Pipeline Under Wave Action	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2013
Tang, Jun; Causon, Derek; Mingham, Clive; Qian, Ling	Numerical study of vegetation damping effects on solitary wave run-up using the nonlinear shallow water equations	COASTAL ENGINEERING	6	2013
Zhao, Yun-Peng; Bi, Chun-Wei; Dong, Guo-Hai; Gui, Fu-Kun; Cui, Yong; Guan, Chang-Tao; Xu, Tiao-Jian	Numerical simulation of the flow around fishing plane nets using the porous media model	OCEAN ENGINEERING	9	2013
Kang Hai-gui; Zhang Jing; Sun Ying-wei; Guo Wei	Derivation of reliability index vector formula for series system and its application	CHINA OCEAN ENGINEERING	0	2013
Liu Jun; Lin Gao; Zhong Hong	An elastoplastic damage constitutive model for concrete	CHINA OCEAN ENGINEERING	0	2013
Zong, Zhi; Zhao, Yanjie; Li, Haitao	A numerical study of whole ship structural damage resulting from close-in underwater explosion shock	MARINE STRUCTURES	10	2013
Dong, Lei-lei; Huang, Yi; Zhang, Qi; Liu,	Taper design and non-linear analysis of bend stiffeners	SHIPS AND OFFSHORE	1	2013

作者	题目	刊名	被引 次数	发表年份
Gang	at the riservessel interface	STRUCTURES		
Yang, Shu; Qi, Chang	Multiobjective optimization for empty and foam-filled square columns under oblique impact loading	INTERNATIONAL JOURNAL OF IMPACT ENGINEERING	25	2013
Liang, H.; Zhou, L.; Zong, Z.; Sun, L.	An analytical investigation of two-dimensional and three-dimensional biplanes operating in the vicinity of a free surface	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	3	2013
Xu, Junfeng; Li, Keqiu; Min, Geyong	Asymmetric multi-path division communications in underwater acoustic networks with fading channels	JOURNAL OF COMPUTER AND SYSTEM SCIENCES	1	2013
Chen, Z.; Zong, Z.; Li, H. T.; Li, J.	An investigation into the pressure on solid walls in 2D sloshing using SPH method	OCEAN ENGINEERING	15	2013
Zhao, Xuefeng; Li, Weijie; Song, Gangbing; Zhu, Zuo; Du, Jun	Scour Monitoring System for Subsea Pipeline Based on Active Thermometry: Numerical and Experimental Studies	SENSORS	5	2013
Yan, Z. M.; Chen, M. L.; Yang, L.; Yang, J.; Gao, H.; Li, T. J.	Influence of rotating magnetic field on horizontal continuous casting of CuNi10Fe1Mn alloy hollow billet: from solidification structures to segregation of Ni and growth morphologies of Ni rich phase	INTERNATIONAL JOURNAL OF CAST METALS RESEARCH	0	2013
Yue, Qianjin; Lu, Qingzhen; Yan, Jun; Zheng, Jiexin; Palmer, Andrew	Tension behavior prediction of flexible pipelines in shallow water	OCEAN ENGINEERING	3	2013
Yao, Jinbao; Xia, He; Bao, Zhenming; Ke, Shuiping; Li, Yahui	Structural Damage Identification of Pipe Based on GA and SCE-UA Algorithm	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2013
Hu, Jun; Hu, Shan; Kang, Fei; Zhang, Jianhua	Real-Time Dry Beach Length Monitoring for Tailings Dams Based on Visual Measurement	MATHEMATICAL PROBLEMS IN ENGINEERING	1	2013
Zhao, Xuefeng; Li, Weijie; Zhou, Lei;	Active Thermometry Based DS18B20 Temperature	INTERNATIONAL JOURNAL OF	2	2013



作者	题目	刊名	被引 次数	发表年份
Song, Gang-Bing; Ba, Qin; Ou, Jinping	Sensor Network for Offshore Pipeline Scour Monitoring Using K-Means Clustering Algorithm	DISTRIBUTED SENSOR NETWORKS		
Xing, Yan; Ai, Congfang; Jin, Sheng	A three-dimensional hydrodynamic and salinity transport model of estuarine circulation with an application to a macrotidal estuary	APPLIED OCEAN RESEARCH	2	2013
Zhao, Yun-Peng; Gui, Fu-kun; Xu, Tiao-Jian; Chen, Xiao-Fang; Cui, Yong	Numerical analysis of dynamic behavior of a box-shaped net cage in pure waves and current	APPLIED OCEAN RESEARCH	2	2013
Chen, Jing; Huo, Junzhou; Zhang, Ya; Zhang, Dayong; Zhang, Weiyang; Lin, Yan	Heuristic Solution Strategy for the Sequential Ballast Water Exchange Problem	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	1	2013
Yang, Zhiwen; Liu, Shuxue; Bingham, Harry B.; Li, Jinxuan	Second-order theory for coupling 2D numerical and physical wave tanks: Derivation, evaluation and experimental validation	COASTAL ENGINEERING	6	2013
Qiao, Dongsheng; Li, Binbin; Ou, Jinping	Comparative Analysis on Coupling Effects between an Innovative Deep Draft Platform and Different Mooring Models	BRODOGRADNJA	1	2012
Wang, Sheng-yong; Yue, Qian-jin	Vibration Reduction of Bucket Foundation Platform with Fixed Ice-Breaking Cone in the Bohai Sea	JOURNAL OF COLD REGIONS ENGINEERING	0	2012
Zhang, N.; Zong, Z.	Hydro-elastic-plastic dynamic response of a ship hull girder subjected to an underwater bubble	MARINE STRUCTURES	2	2012
Zhang Ai-xia; Duan Meng-lan; Li Hai-ming; Zhao Jun; Wang Jian-jun	Prediction methods of spudcan penetration for jack-up units	CHINA OCEAN ENGINEERING	0	2012
Chen, Bing; Su, Tsung-chow	Investigation of Flow Past Circular Cylinder Near Planar Boundary	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR	2	2012

作者	题目	刊名	被引 次数	发表年份
Li, Yanghui; Song, Yongchen; Liu, Weiguo; Yu, Feng; Wang, Rui; Nie, Xiongfei	Analysis of Mechanical Properties and Strength Criteria of Methane Hydrate-Bearing Sediments	ENGINEERING INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	8	2012
Ren, Nianxin; Li, Yugang; Ou, Jinping	The wind-wave tunnel test of a tension-leg platform type floating offshore wind turbine	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	5	2012
Cui, Cheng; Zhang, Ning Chuan; Yu, Yu Xiu; Li, Jing Bo	Numerical study on the effects of uneven bottom topography on freak waves	OCEAN ENGINEERING	6	2012
Xu, Junfeng; Li, Keqiu; Min, Geyong; Lin, Kai; Qu, Wenyu	Energy-Efficient Tree-Based Multipath Power Control for Underwater Sensor Networks	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	8	2012
Yu, Long; Hu, Yuxia; Liu, Jun; Randolph, Mark F.; Kong, Xianjing	Numerical study of spudcan penetration in loose sand overlying clay	COMPUTERS AND GEOTECHNICS	8	2012
Wang, Jinhua; Shen, Yongming	On the development and verification of a parametric parallel unstructured-grid finite-volume wind wave model for coupling with ocean circulation models	ENVIRONMENTAL MODELLING & SOFTWARE	4	2012
Cong, Pei-Wen; Gou, Ying; Teng, Bin	A new approach to low-frequency QTF and its application in predicting slow drift force	OCEAN ENGINEERING	0	2012
Yan, Zheng; Wang, Jun	Model Predictive Control for Tracking of Underactuated Vessels Based on Recurrent Neural Networks	IEEE JOURNAL OF OCEANIC ENGINEERING	15	2012
Qi, Chang; Yang, Shu; Dong, Fangliang	Crushing analysis and multiobjective crashworthiness optimization of tapered square tubes under oblique impact loading	THIN-WALLED STRUCTURES	39	2012

作者	题目	刊名	被引 次数	发表年份
Qian, Guanglei; Zhou, Jiti; Zhang, Jinsong; Chen, Congcong; Jin, Ruofei; Liu, Wantao	Microfiltration performance with two-phase flow	SEPARATION AND PURIFICATION TECHNOLOGY	3	2012
Cheng, Xiaofei; Wang, Yongxue; Wang, Guoyu	Hydrodynamic Forces on a Large Pipeline and a Small Pipeline in Piggyback Configuration under Wave Action	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2012
Liu Si; Liu Shu-xue; Li Jin-xuan; Sun Zhong-bin	Physical simulation of multidirectional irregular wave groups	CHINA OCEAN ENGINEERING	0	2012
Zhang Ri-xi; Zhang Qi; Huang Yi	Design and analysis of tapered stress joint for Top Tensioned Riser system	CHINA OCEAN ENGINEERING	0	2012
Lam, W. H.; Robinson, D. J.; Hamill, G. A.; Zhao, J. F.; Jia, M.	Time-averaged velocity and turbulence intensity at the initial downstream flow from a six-bladed ship propeller	OCEAN ENGINEERING	3	2012
Liu, Ying-yi; Teng, Bin; Cong, Pei-wen; Liu, Chang-feng; Gou, Ying	Analytical study of wave diffraction and radiation by a submerged sphere in infinite water depth	OCEAN ENGINEERING	4	2012
Zhao, Xue-Feng; Ba, Qin; Li, Le; Gong, Peng; Ou, Jin-Ping	A three-index estimator based on active thermometry and a novel monitoring system of scour under submarine pipelines	SENSORS AND ACTUATORS A-PHYSICAL	5	2012
Wang, Wenhua; Yu, Qingxu; Jiang, Xinsheng	High sensitivity diaphragm-based extrinsic Fabry-Perot interferometric optical fiber underwater ultrasonic sensor	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	2	2012
Chen, R.; Gaudin, C.; Cassidy, M. J.	Investigation of the vertical uplift capacity of deep water mudmats in clay	CANADIAN GEOTECHNICAL JOURNAL	11	2012

作者	题目	刊名	被引 次数	发表年份
Xu, Junfeng; Li, Keqiu; Min, Geyong	Reliable and Energy-Efficient Multipath Communications in Underwater Sensor Networks	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	19	2012
Rao Yong-hong; Liang Shu-xiu; Yu Yu-xiu	A Method to Determine the Incident Wave Boundary Conditions and Its Application	CHINA OCEAN ENGINEERING	1	2012
Liu Jun; Lin Gao; Li Jian-bo	Short-Crested Waves Interaction with A Concentric Porous Cylinder System with Partially Porous Outer Cylinder	CHINA OCEAN ENGINEERING	1	2012
Jiang Lan-lan; Song Yong-chen; Liu Yu; Dou Bin-lin; Zhu Ning-jun; Zhao Jia-fei; Buliti, Abudula	Measurement of fluid flow in pipe and porous media by high-resolution magnetic resonance imaging	CHINA OCEAN ENGINEERING	1	2012
Li, Jinxuan; Wang, Zhanhang; Liu, Shuxue	Experimental study of interactions between multi-directional focused wave and vertical circular cylinder, Part I: Wave run-up	COASTAL ENGINEERING	9	2012
Zhang, Xue-biao; Yang, Yu-long; Liu, Yu-jun	The Numerical Analysis of Temperature Field During Moveable Induction Heating of Steel Plate	JOURNAL OF SHIP PRODUCTION AND DESIGN	1	2012
Sun, W.; Chen, T.; Zhang, X.	Research on pre-controllable safety factors of a wind power gearbox transmission based on reliability optimisation design	JOURNAL OF MARINE ENGINEERING AND TECHNOLOGY	0	2012
Xue, Kaihua; Zhao, Jiafei; Song, Yongchen; Liu, Weiguo; Lam, Weihaur; Zhu, Yiming; Liu, Yu; Cheng, Chuanxiao; Liu, Di	Direct Observation of THF Hydrate Formation in Porous Microstructure Using Magnetic Resonance Imaging	ENERGIES	8	2012
Ren, Nianxin; Li, Yugang; Ou, Jinping	The Effect of Additional Mooring Chains on the	ENERGIES	7	2012

作者	题目	刊名	被引 次数	发表年份
	Motion Performance of a Floating Wind Turbine with a Tension Leg Platform			
Ai, Congfang; Jin, Sheng	A multi-layer non-hydrostatic model for wave breaking and run-up	COASTAL ENGINEERING	12	2012
Li Jin-xuan; Liu Dian-yong; Liu Shu-xue	Numerical Investigation of the Effect of Current on Wave Focusing	CHINA OCEAN ENGINEERING	1	2012
Chen Chang-ping; Zhao Yun-peng; Li Yu-cheng; Dong Guo-hai; Zheng Yan-na	Numerical Analysis of Hydrodynamic Behaviors of Two Net Cages with Grid Mooring System Under Wave Action	CHINA OCEAN ENGINEERING	0	2012
Liu, Yong; Li, Hua-Jun; Li, Yu-Cheng	A new analytical solution for wave scattering by a submerged horizontal porous plate with finite thickness	OCEAN ENGINEERING	12	2012
Pan, Chengsheng; Jia, Liangchen; Cai, Ruiyan; Ding, Yuanming	MODELING AND SIMULATION OF CHANNEL FOR UNDERWATER COMMUNICATION NETWORK	INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL	2	2012
Wang, Yanlin; Yue, Qianjin; Bi, Xiangjun	Ice Force Measurement Technology of Jacket Platform in Bohai Sea	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2012
Huang, Wenfeng; Li, Zhijun; Han, Hongwei; Niu, Fujun; Lin, Zhanju; Lepparanta, Matti	Structural analysis of thermokarst lake ice in Beiluhe Basin, Qinghai-Tibet Plateau	COLD REGIONS SCIENCE AND TECHNOLOGY	6	2012
Xu, Zhantang; Yang, Yuezhong; Sun, Zhaohua; Li, Zhijun; Cao, Wenxi; Ye, Haibin	In situ measurement of the solar radiance distribution within sea ice in Liaodong Bay, China	COLD REGIONS SCIENCE AND TECHNOLOGY	1	2012

作者	题目	刊名	被引 次数	发表年份
Li, Yanghui; Song, Yongchen; Liu, Weiguo; Yu, Feng	Experimental Research on the Mechanical Properties of Methane Hydrate-Ice Mixtures	ENERGIES	13	2012
Zhao, Ming; Zhu, Xiaosong; Cheng, Liang; Teng, Bin	Experimental study of local scour around subsea caissons in steady currents	COASTAL ENGINEERING	4	2012
Liu, Jun; Lin, Gao; Li, Jianbo	Short-crested waves interaction with a concentric cylindrical structure with double-layered perforated walls	OCEAN ENGINEERING	11	2012
Sun, Wei; Li, Xiaojie; Yan, Honghao; Wang, Xiaohong	An Alternative Thin-Plate Welding Technology Using Underwater Shock Wave	JOURNAL OF ADHESION SCIENCE AND TECHNOLOGY	2	2012
Gao, Rui; Ren, Bing; Wang, Guoyu; Wang, Yongxue	Numerical modelling of regular wave slamming on subface of open-piled structures with the corrected SPH method	APPLIED OCEAN RESEARCH	10	2012
Yang, M.; Teng, B.; Ning, D.; Shi, Z.	Coupled dynamic analysis for wave interaction with a truss spar and its mooring line/riser system in time domain	OCEAN ENGINEERING	13	2012
Ren, Chunping; Zou, Zhili; Qiu, Dahong	Experimental study of the instabilities of alongshore currents on plane beaches	COASTAL ENGINEERING	1	2012
Guo Chuan-sheng; Zhang Ning-chuan; Li Yan-yang; Li Jing-bo; Fang Zhuo; Cui Cheng	Experimental study on the performance of twin plate breakwater	CHINA OCEAN ENGINEERING	1	2011
Sun Da-peng; Bao Wei-bin; Wu Hao; Li Yu-cheng	An improved numerical simulation mode of nonlinear wave with consideration of high order terms	CHINA OCEAN ENGINEERING	0	2011
Wang Ke; Zhang Xi; Gao Xin	Study on scattering wave force of horizontal and vertical plate type breakwaters	CHINA OCEAN ENGINEERING	1	2011

作者	题目	刊名	被引 次数	发表年份
Lu, Jiang; Umeda, Naoya; Ma, Kun	Predicting parametric rolling in irregular head seas with added resistance taken into account	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	3	2011
Liu, C. F.; Teng, B.; Gou, Y.; Sun, L.	A 3D time-domain method for predicting the wave-induced forces and motions of a floating body	OCEAN ENGINEERING	2	2011
Wang, Gang; Dong, Guohai; Perlin, Marc; Ma, Xiaozhou; Ma, Yuxiang	Numerical investigation of oscillations within a harbor of constant slope induced by seafloor movements	OCEAN ENGINEERING	5	2011
Yu, Feng; Song, Yongchen; Li, Yanghui; Liu, Weiguo; Lam, Weihaur	Analysis of Stress-Strain Behavior and Constitutive Relation of Methane Hydrate-Bearing Sediments with Various Porosity	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	5	2011
Zhang, N.; Zong, Z.	The effect of rigid-body motions on the whipping response of a ship hull subjected to an underwater bubble	JOURNAL OF FLUIDS AND STRUCTURES	12	2011
Zhang Bao-ji; Ma Kun	Study on Hull Form Optimization for Minimum Resistance Based on Niche Genetic Algorithms	JOURNAL OF SHIP PRODUCTION AND DESIGN	0	2011
Xu, Ning; Yue, Qianjin; Qu, Yan; Bi, Xiangjun; Palmer, Andrew	Results of Field Monitoring on Ice Actions on Conical Structures	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	2	2011
Liu, Yong; Li, Hua-jun; Li, Yu-cheng; He, Shi-yan	A new approximate analytic solution for water wave scattering by a submerged horizontal porous disk	APPLIED OCEAN RESEARCH	0	2011
Li, Kai; Li, Sheng; Zhao, De-you	Numerical analysis and visualisation of energy flow by intensity vector method for a fluid-loaded structure	JOURNAL OF MARINE ENGINEERING AND TECHNOLOGY	0	2011
Lu, Lin; Teng, Bin; Sun, Liang; Chen,	Modelling of multi-bodies in close proximity under	OCEAN ENGINEERING	11	2011

作者	题目	刊名	被引 次数	发表年份
Bing	water waves-Fluid forces on floating bodies			
Xu, Tiao-Jian; Dong, Guo-Hai; Zhao, Yun-Peng; Li, Yu-Cheng; Gui, Fu-Kun	Analysis of hydrodynamic behaviors of gravity net cage in irregular waves	OCEAN ENGINEERING	8	2011
Lu, Jiang; Umeda, Naoya; Ma, Kun	Theoretical study on the effect of parametric rolling on added resistance in regular head seas	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	1	2011
Wang Da-guo; Zou Zhi-li; Tham, Leslie George	A 3-D time-domain coupled model for nonlinear waves acting on a box-shaped ship fixed in a harbor	CHINA OCEAN ENGINEERING	3	2011
Cui Lei; Tong Fei-fei; Shi Feng	Numerical simulation of wave-induced currents combined with parabolic mild-slope equation in curvilinear coordinates	CHINA OCEAN ENGINEERING	2	2011
Song, Ji-ning; Lu, Lin; Teng, Bin; Park, Han-il; Tang, Guo-qiang; Wu, Hao	Laboratory tests of vortex-induced vibrations of a long flexible riser pipe subjected to uniform flow	OCEAN ENGINEERING	11	2011
Zhang, Xue-biao; Liu, Yu-jun; Yang, Yu-long; Ji, Zhuo-shang; Deng, Yan-ping	Technical Parameter Analysis of High-Frequency Induction Heating Applied to Steel Plate Bending	JOURNAL OF SHIP PRODUCTION AND DESIGN	1	2011
Ma, Yuxiang; Dong, Guohai; Ma, Xiaozhou	Separation of obliquely incident and reflected irregular waves by the Monet wavelet transform	COASTAL ENGINEERING	1	2011
Huang, Zhenhua; Li, Yucheng; Liu, Yong	Hydraulic performance and wave loadings of perforated/slotted coastal structures: A review	OCEAN ENGINEERING	35	2011
Zhang, Dayong; Yue, Qianjin	Major challenges of offshore platforms design for shallow water oil and gas field in moderate ice conditions	OCEAN ENGINEERING	4	2011
Liu, Yong; Li, Yu-cheng	Wave interaction with a wave absorbing double curtain-wall breakwater	OCEAN ENGINEERING	9	2011
Lam, Wei-Haur; Song, Yongchen;	Investigation of a ship's propeller jet using momentum	CANADIAN JOURNAL OF CIVIL	5	2011



作者	题目	刊名	被引 次数	发表年份
Raghunathan, Srinivasan; Hamill, Gerard; Robinson, Desmond	decay and energy decay	ENGINEERING		
Sun, L.; Dong, G. H.; Zong, Z.; Zhao, Y. P.; Liu, C. F.	Numerical analysis of the effects on a floating structure induced by ship waves	JOURNAL OF SHIP RESEARCH	1	2011
Yu, Feng; Song, Yongchen; Liu, Weiguo; Li, Yanghui; Lam, Weihaur	Analyses of stress strain behavior and constitutive model of artificial methane hydrate	JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	8	2011
Liu Wenyan; Liu Jibin; Wang Lai; Mu Wenguang; Hu Yinhong	Weldability of Copper-bearing Aging Steel	CHINESE JOURNAL OF MECHANICAL ENGINEERING	0	2011
Zhang, X. L.; Jeng, D. S.; Luan, M. T.	Dynamic response of a porous seabed around pipeline under three-dimensional wave loading	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	7	2011
Song, Z. J.; Teng, B.; Gou, Y.; Lu, L.; Shi, Z. M.; Xiao, Y.; Qu, Y.	Comparisons of internal solitary wave and surface wave actions on marine structures and their responses	APPLIED OCEAN RESEARCH	9	2011
Wang, Licheng; Ueda, Tamon	Mesoscale modeling of water penetration into concrete by capillary absorption	OCEAN ENGINEERING	21	2011
Xu, Ning; Yue, Qianjin; Guo, Fengwei; Qu, Yan	Mitigation of Ice-induced Vibrations by Adding Cones	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	1	2011
Yu, L.; Liu, J.; Kong, X-J.; Hu, Y.	Numerical study on plate anchor stability in clay	GEOTECHNIQUE	10	2011
Wang, Gang; Dong, Guohai; Perlin, Marc; Ma, Xiaozhou; Ma, Yuxiang	An analytic investigation of oscillations within a harbor of constant slope	OCEAN ENGINEERING	14	2011
Wang Ke; Zhang Zhi-qiang; Xu Wang	Transmitted and Reflected Coefficients for Horizontal or Vertical Plate Type Breakwater	CHINA OCEAN ENGINEERING	2	2011
Li Yang-hui; Song Yong-chen; Yu Feng; Liu Wei-guo; Zhao Jia-fei	Experimental Study on Mechanical Properties of Gas Hydrate-Bearing Sediments Using Kaolin Clay	CHINA OCEAN ENGINEERING	19	2011

作者	题目	刊名	被引次数	发表年份
Duan Meng-lan; Wang Yi; Estefen, Segen; He Ning; Li Li-na; Chen Bang-min	An Installation System of Deepwater Risers by An S-Lay Vessel	CHINA OCEAN ENGINEERING	6	2011
Lam, W.; Hamill, G. A.; Song Yong-chen; Robinson, D. J.; Raghunathan, S.	Experimental Investigation of the Decay from A Ship's Propeller	CHINA OCEAN ENGINEERING	5	2011
Wang, H. L.; Song, Y. P.	Fatigue capacity of plain concrete under fatigue loading with constant confined stress	MATERIALS AND STRUCTURES	3	2011
Lam, W.; Hamil, G. A.; Song, Y. C.; Robinson, D. J.; Raghunathan, S.	A review of the equations used to predict the velocity distribution within a ship's propeller jet	OCEAN ENGINEERING	18	2011

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作者	题目	刊名	被引次数	发表年份
Suna, P. N.; Colagrossi, A.; Marrone, S.; Zhang, A. M.	Detection of Lagrangian Coherent Structures in the SPH framework	COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING	0	2016
Zhao, B. B.; Ertekin, R. C.; Duan, W. Y.; Webster, W. C.	New Internal-Wave Model in a Two-Layer Fluid	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2016
Zhao, B. B.; Duan, W. Y.; Demirbilek, Z.; Ertekin, R. C.; Webster, W. C.	A comparative study between the IGN-2 equations and the fully nonlinear, weakly dispersive Boussinesq equations	COASTAL ENGINEERING	0	2016

作者	题目	刊名	被引 次数	发表年份
Liu, Yachong; Han, Fenglei; Lu, Yu	Stability and capsizing analysis of nonlinear ship rolling in wind and stochastic beam seas	APPLIED OCEAN RESEARCH	0	2016
Wang, Bo; Su, Yumin; Wan, Lei	A Sea-Sky Line Detection Method for Unmanned Surface Vehicles Based on Gradient Saliency	SENSORS	0	2016
Ma Yong; Zhang Liang; Zhang Zhi-yang; Han Duan-feng	Optimization of blade motion of vertical axis turbine	CHINA OCEAN ENGINEERING	0	2016
Liang, Xiao; Li, Ye; Peng, Zhouhua; Zhang, Jundong	Nonlinear dynamics modeling and performance prediction for underactuated AUV with fins	NONLINEAR DYNAMICS	1	2016
Wang, Hongwei; Ma, Gang; Sun, Liping; Kang, Zhuang	Truncation Design and Model Testing of a Deepwater FPSO Mooring System	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2016
Hu, Jian; Zhou, Li	Further study on level ice resistance and channel resistance for an icebreaking vessel	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	0	2016
Ahad, Fazl E.; Shi, Dongyan; Rehman, Anees Ur	Analytical approaches to vibration analysis of circular, annular and sectorial plates subjected to classical and arbitrary boundary conditions - a literature survey	JOURNAL OF VIBROENGINEERING	0	2016
Guo, Zhiqun; Ma, Qingwei; Hu, Xiaofeng	Seakeeping Analysis of a Wave-Piercing Catamaran Using URANS-Based Method	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2016
Ben, Yueyang; Huang, Lei; Yang, Xiaolong	A rapid damping method for a marine strapdown INS	OCEAN ENGINEERING	0	2016

作者	题目	刊名	被引 次数	发表年份
Ye, Xiu-Fen; Li, Peng; Zhang, Jian-Guo; Shi, Jian; Guo, Shu-Xiang	A feature-matching method for side-scan sonar images based on nonlinear scale space	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2016
Jiang, Yi; Sun, Hanbing; Zou, Jin; Hu, Ankang; Yang, Jinglei	Analysis of tunnel hydrodynamic characteristics for planing trimaran by model tests and numerical simulations	OCEAN ENGINEERING	0	2016
Liu, Zhiquan; Jin, Hongzhang; Grimble, Michael J.; Katebi, Reza	Ship forward speed loss minimization using nonlinear course keeping and roll motion controllers	OCEAN ENGINEERING	0	2016
Zhao, Yunxin; Xing, Wen; Yuan, Huarun; Shi, Peng	A collaborative control framework with multi-leaders for AUVs based on unscented particle filter	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS	0	2016
Cao, Zhongyi; Zhang, Dianlun; Sun, Dajun; Yong, Jun	A method for testing phased array acoustic Doppler velocity log on land	APPLIED ACOUSTICS	0	2016
Yu, Haitao; Yao, Nianmin; Wang, Tong; Li, Guangshun; Gao, Zhenguo; Tan, Guozhen	WDFAD-DBR: Weighting depth and forwarding area division DBR routing protocol for UASNs	AD HOC NETWORKS	0	2016
Zhao Xinhua; Sun Yao; Qi Zengkun; Han Minyan	Catastrophe characteristics and control of pitching supercavitating vehicles at fixed depths	OCEAN ENGINEERING	0	2016
Ma, Zhongli; Wen, Jie; Zhang, Cheng; Liu, Quanyong; Yan, Danniang	An effective fusion defogging approach for single sea fog image	NEUROCOMPUTING	0	2016
Zhang, Liang; Mei, Jidan; Zielinski, Adam; Cai, Ping	Accurate Acoustic Signal Parameter Estimation for Marine Geodesy Surveys	MARINE GEODESY	0	2016
Sun, Hanbing; Jing, Fengmei; Jiang, Yi; Zou, Jin; Zhuang, Jiayuan; Ma, Weijia	MOTION PREDICTION OF CATAMARAN WITH A SEMI-SUBMERSIBLE BOW IN WAVE	POLISH MARITIME RESEARCH	0	2016
Jiao, Jialong; Ren, Huilong; Sun, Shuzheng; Adenya, Christiaan Adika	Experimental Investigation of Wave-Induced Ship Hydroelastic Vibrations by Large-Scale Model	SHOCK AND VIBRATION	0	2016

作者	题目	刊名	被引 次数	发表年份
Zhao, Ningbo; Wen, Xueyou; Li, Shuying	Measurement in Coastal Waves An Evaluation of the Application of Nanofluids in Intercooled Cycle Marine Gas Turbine Intercooler	JOURNAL OF ENGINEERING FOR GAS TURBINES AND POWER-TRANSACTIONS OF THE ASME	0	2016
Zhang, Mingjun; Yin, Baoji; Liu, Weixin; Liu, Xing	Thruster fault feature extraction for autonomous underwater vehicle in time-varying ocean currents based on single-channel blind source separation	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART I-JOURNAL OF SYSTEMS AND CONTROL ENGINEERING	0	2016
Ma, Lu; Qiao, Gang; Liu, Songzuo	A Combined Doppler Scale Estimation Scheme for Underwater Acoustic OFDM System	JOURNAL OF COMPUTATIONAL ACOUSTICS	1	2015
Yin, Yanling; Liu, Songzuo; Qiao, Gang; Yang, Yue	OFDM Demodulation Using Virtual Time Reversal Processing in Underwater Acoustic Communications	JOURNAL OF COMPUTATIONAL ACOUSTICS	0	2015
Chen, Yang; Yin, Jingwei; Zou, Ling; Yang, Dan; Cao, Yuan	Null subcarriers based Doppler scale estimation with polynomial interpolation for multicarrier communication over ultrawideband underwater acoustic channels	JOURNAL OF SYSTEMS ENGINEERING AND ELECTRONICS	0	2015
Yin, Jingwei; Du, Pengyu; Yang, Guang; Zhou, Huanling	Space-division multiple access for CDMA multiuser underwater acoustic communications	JOURNAL OF SYSTEMS ENGINEERING AND ELECTRONICS	0	2015
Zhang, Mingjun; Yin, Baoji; Liu, Xing; Guo, Jia	Thruster fault identification method for autonomous underwater vehicle using peak region energy and least square grey relational grade	ADVANCES IN MECHANICAL ENGINEERING	0	2015

作者	题目	刊名	被引 次数	发表年份
Hou, L. X.; Wang, C. H.; Hu, A. K.; Han, F. L.	Wake-adapted design of fixed guide vane type energy saving device for marine propeller	OCEAN ENGINEERING	0	2015
Wang, Yujia; Zhang, Mingjun'; Wilson, Philip A.; Liu, Xing	Adaptive neural network-based backstepping fault tolerant control for underwater vehicles with thruster fault	OCEAN ENGINEERING	0	2015
Li, Ye; Jiang, Yanqing; Cao, Jian; Wang, Bo; Li, Yiming	AUV docking experiments based on vision positioning using two cameras	OCEAN ENGINEERING	1	2015
Han, Rui; Zhang, Aman; Liu, Yunlong	Numerical investigation on the dynamics of two bubbles	OCEAN ENGINEERING	2	2015
Guo, Z. Q.; Ma, Q. W.; Yang, J. L.	A seakeeping analysis method for a high-speed partial air cushion supported catamaran (PACSCAT)	OCEAN ENGINEERING	0	2015
Chen Peng-yun; Li Ye; Su Yu-min; Chen Xiao-long; Jiang Yan-qing	Underwater terrain positioning method based on least squares estimation for AUV	CHINA OCEAN ENGINEERING	0	2015
Sun, Tao; Ye, Nan; Xu, Yuehan; Wang, Guohui; Yuan, Minghui	Study of New Exhaust Ejector for Marine Gas Turbine	JOURNAL OF ENGINEERING FOR GAS TURBINES AND POWER-TRANSACTIONS OF THE ASME	0	2015
Sun, Hai; Kim, Eun Soo; Bernitsas, Marinos P.; Bernitsas, Michael M.	Virtual Spring-Damping System for Flow-Induced Motion Experiments	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	2	2015
Sun, Yao; Pan, Jie; Yang, Tiejun	Effect of a fluid layer on the sound radiation of a plate and its active control	JOURNAL OF SOUND AND VIBRATION	0	2015
Lan, Hai; Wen, Shuli; Hong, Ying-Yi; Yu,	Optimal sizing of hybrid PV/diesel/battery in ship	APPLIED ENERGY	2	2015

作者	题目	刊名	被引 次数	发表年份
David C.; Zhang, Lijun	power system			
Shen, Jing; Liu, Fushun; Li, Huajun; Xu, Li; Liang, Bingchen	Assessment of the damages occurring between two adjacent measurements for an aging offshore platform	OCEAN ENGINEERING	0	2015
Ye Xi; Yao Xiongliang; Han Rui	Dynamics of cavitation bubbles in acoustic field near the rigid wall	OCEAN ENGINEERING	1	2015
Wang, Shiping; Duan, Wenyang; Wang, Qianxi	The bursting of a toroidal bubble at a free surface	OCEAN ENGINEERING	0	2015
Sun Yongwei; Chen Jizhi; Liu Jun	STUDY ON HYDROGEN EMBRITTLEMENT SUSCEPTIBILITY OF 1000 MPa GRADE 0Cr16Ni5Mo STEEL	ACTA METALLURGICA SINICA	0	2015
Yang, Nana; Das, Purnendu K.; Yao, Xiongliang	Application of response surface method for reliability analysis of stiffened laminated plates	SHIPS AND OFFSHORE STRUCTURES	0	2015
Zhao, Qing-xin; Guo, Chun-yu; Zhao, Da-gang	Study on self-propulsion experiment of ship model with energy-saving devices based on numerical simulation methods	SHIPS AND OFFSHORE STRUCTURES	0	2015
Yu, Haitao; Yao, Nianmin; Liu, Jun	An adaptive routing protocol in underwater sparse acoustic sensor networks	AD HOC NETWORKS	2	2015
Wang, Qiuying; Diao, Ming; Gao, Wei; Zhu, Minghong; Xiao, Shu	Integrated navigation method of a marine strapdown inertial navigation system using a star sensor	MEASUREMENT SCIENCE AND TECHNOLOGY	0	2015
Liu, Diantao; Zhou, Song; Lei, Yuefeng; Feng, Yongming	Experimental Study and Model Analysis of Sodium Desulfurization in Marine Application	JOURNAL OF CHEMICAL ENGINEERING OF JAPAN	0	2015
Zhang, Mingjun; Liu, Xing; Yin, Baoji; Liu, Weixin	Adaptive terminal sliding mode based thruster fault tolerant control for underwater vehicle in	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND	0	2015

作者	题目	刊名	被引 次数	发表年份
Yan Zhe-Ping; Yu Hao-Miao; Li Ben-Yin	time-varying ocean currents Bottom-following control for an underactuated unmanned undersea vehicle using integral-terminal sliding mode control	APPLIED MATHEMATICS JOURNAL OF CENTRAL SOUTH UNIVERSITY	0	2015
Wang, Qiuying; Li, Yibing; Diao, Ming; Gao, Wei; Qi, Zhao	Performance enhancement of INS/CNS integration navigation system based on particle swarm optimization back propagation neural network	OCEAN ENGINEERING	1	2015
Yang, Xu; Saevik, Svein; Sun, Liping	Numerical analysis of buckling failure in flexible pipe tensile armor wires	OCEAN ENGINEERING	0	2015
Xu, S. J.; Han, D. F.; Ma, Q. W.	Hydrodynamic forces and moments acting on a remotely operate vehicle with an asymmetric shape moving in a vertical plane	EUROPEAN JOURNAL OF MECHANICS B-FLUIDS	0	2015
Chen, Pengyun; Li, Ye; Su, Yumin; Chen, Xiaolong; Jiang, Yanqing	Review of AUV Underwater Terrain Matching Navigation	JOURNAL OF NAVIGATION	0	2015
Han, Xiao; Yin, Jing-wei; Yu, Ge; Du, Peng-yu	Experimental demonstration of single carrier underwater acoustic communication using a vector sensor	APPLIED ACOUSTICS	0	2015
Zhang, Youwen; Liu, Lu; Sun, Dajun; Cui, Hongyu	Single-carrier underwater acoustic communication combined with channel shortening and dichotomous coordinate descent recursive least squares with variable forgetting factor	IET COMMUNICATIONS	0	2015
Zhou, Jinxi; Zhou, Song; Liu, Diantao; Zhang, Hefu	Study on Removing SO <sub>2</sub> and NO <sub>x</sub> Simultaneously in Ships Emissions by Wet Scrubbing Based on Natrium-Alkali Method	JOURNAL OF CHEMICAL ENGINEERING OF JAPAN	0	2015



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Yan, Zheping; Yu, Haomiao; Zhang, Wei; Li, Benyin; Zhou, Jijia	Globally finite-time stable tracking control of underactuated UUVs	OCEAN ENGINEERING	0	2015
Xu, Weijun; Duan, Wenyang; Han, Duanfeng	Investigation into the dynamic collapse behaviour of a bulk carrier under extreme wave loads	OCEAN ENGINEERING	0	2015
Tang, Pingpeng; Zhang, Rubo; Liu, Deli; Huang, Lihua; Liu, Guanqun; Deng, Tingquan	Local reactive obstacle avoidance approach for high-speed unmanned surface vehicle	OCEAN ENGINEERING	0	2015
Zhang, Zhong-lin; Wang, Li-quan; Ci, Hou-yan	An apparatus design and testing of a flexible pipe-laying in submarine context	OCEAN ENGINEERING	0	2015
Sun, Yu; Su, Yu-min; Hu, Hai-zhou	Experimental Study and Numerical Simulation on Hydrodynamic Performance of a Twisted Rudder	MARINE TECHNOLOGY SOCIETY JOURNAL	0	2015
Sun, Lin; Chen, Baowei; Li, Haisen; Zhou, Tian; Li, Ruo	Time Reversal Acoustic Communication Using Filtered Multitone Modulation	SENSORS	0	2015
Dong, Zaopeng; Wan, Lei; Li, Yueming; Liul, Tao; Zhane, Guocheng	Trajectory tracking control of underactuated USV based on modified backstepping approach	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	2	2015
Li Ye; Jiang Yan-qing; Wang Lei-feng; Cao Jian; Zhang Guo-cheng	Intelligent PID guidance control for AUV path tracking	JOURNAL OF CENTRAL SOUTH UNIVERSITY	0	2015
Xu, Jian; Wang, Man; Qiao, Lei	Dynamical sliding mode control for the trajectory tracking of underactuated unmanned underwater vehicles	OCEAN ENGINEERING	2	2015
Zhang, Ming-jun; Wang, Yu-jia; Xu, Jian-an; Liu, Zheng-chen	Thruster fault diagnosis in autonomous underwater vehicle based on grey qualitative simulation	OCEAN ENGINEERING	2	2015
Li, Ye; Wei, Cong; Wu, Qi; Chen,	Study of 3 dimension trajectory tracking of	OCEAN ENGINEERING	0	2015

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Pengyun; Jiang, Yanqing; Li, Yiming	underactuated autonomous underwater vehicle			
Li, Zhi-Fu; Ren, Hui-Long; Tong, Xiao-Wang; Li, Hui	A precise computation method of transient free surface Green function	OCEAN ENGINEERING	1	2015
Huang, Yu; Wu, Lihua; Li, Dequan	Theoretical Research on Full Attitude Determination Using Geomagnetic Gradient Tensor	JOURNAL OF NAVIGATION	0	2015
Duan, W. Y.; Chen, J. K.; Zhao, B. B.	Second-order Taylor expansion boundary element method for the second-order wave radiation problem	APPLIED OCEAN RESEARCH	0	2015
Cao Jian; Zhuang Jiayuan; Xu Feng; Yin Jianchuan; Zou Zaojian; Yu Hao; Xiao Tao; Yang Luchun	Parametric estimation of ship maneuvering motion with integral sample structure for identification	APPLIED OCEAN RESEARCH	0	2015
Kang, Zhuang; Zhang, Li; Zhang, Xiang	Analysis on J lay of SCR based on catenary and large deflection beam theory	OCEAN ENGINEERING	2	2015
Zhang, Xiaoyu; Han, Yuntao; Bai, Tao; Wei, Yanhui; Ma, Kemao	H-infinity controller design using LMIs for high-speed underwater vehicles in presence of uncertainties and disturbances	OCEAN ENGINEERING	1	2015
Mohamad, Salaheldin A.; Lu, Xiqun; Zheng, Qun	Numerical modeling of lubrication of piston ring of two-stroke marine diesel engine considering the effect of multi-scale grooves on the cylinder liner	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART J-JOURNAL OF ENGINEERING TRIBOLOGY	0	2015
Ma, Shan; Duan, Wen Y.; Han, Xu L.	Dynamic Asynchronous Coupled Analysis and Experimental Study for a Turret Moored FPSO in Random Seas	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2015
Dong, Zaopeng; Wan, Lei; Li, Yueming;	Point Stabilization for an Underactuated AUV in the	INTERNATIONAL JOURNAL OF	0	2015

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Liu, Tao; Zhuang, Jiayuan; Zhang, Guocheng	Presence of Ocean Currents	ADVANCED ROBOTIC SYSTEMS		
Pang, Fu-zhen; Wu, Chuang; Miao, Xu-hong; Song, Hong-bao	Transferred boundary similarity method and application to the prediction of ship vibration and radiated noise	NOISE CONTROL ENGINEERING JOURNAL	0	2015
Xu, Jian; Wang, Man; Zhang, Gengshi	Trajectory tracking control of an underactuated unmanned underwater vehicle synchronously following mother submarine without velocity measurement	ADVANCES IN MECHANICAL ENGINEERING	0	2015
Dai, Shaoshi; Younis, Bassam A.; Sun, Liping	OpenFOAM predictions of hydrodynamics loads on full-scale TLP	OCEAN ENGINEERING	0	2015
Lan Chao-feng; Li Feng-chen; Chen Huan; Lu Di; Yang De-sen; Zhang Meng	Theoretical and experimental study on the acoustic wave energy after the nonlinear interaction of acoustic waves in aqueous media	CHINA OCEAN ENGINEERING	0	2015
Sun, Shu-zheng; Ren, Hui-long; Zhao, Xiao-dong; Li, Ji-de	EXPERIMENTAL STUDY OF TWO LARGE-SCALE MODELS' SEAKEEPING PERFORMANCE IN COASTAL WAVES	BRODOGRADNJA	2	2015
Tian, Xinna; Xiao, Youhong; Zhou, Peilin; Zhang, Wenping	Optimization of the location of injector in urea-selective catalytic reduction system	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2015
Wang, Lin-Lin; Wang, Hong-Jian; Pan, Li-Xin	H-infinity control for path tracking of autonomous underwater vehicle motion	ADVANCES IN MECHANICAL ENGINEERING	0	2015
Hu, Jian; Zhou, Li	Experimental and numerical study on ice resistance for icebreaking vessels	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	1	2015

作者	题目	刊名	被引 次数	发表年份
Zhao, B. B.; Ertekin, R. C.; Duan, W. Y.; Kim, J. W.	Particle-Trajectory Calculations under a Solitary Wave by High-Level IGW Equations	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2015
Gao, Wei; Yang, Jian; Liu, Ju; Shi, Hongyang; Xu, Bo	Moving Horizon Estimation for Cooperative Localisation with Communication Delay	JOURNAL OF NAVIGATION	0	2015
Wang, Chi; Yin, Jingwei; Huang, Defeng; Zielinski, Adam	Experimental demonstration of differential OFDM underwater acoustic communication with acoustic vector sensor	APPLIED ACOUSTICS	3	2015
Gao, Wei; Lu, Baofeng; Yu, Chunyang	Forward and backward processes for INS compass alignment	OCEAN ENGINEERING	2	2015
Sun, Pengnan; Ming, Furen; Zhang, Aman	Numerical simulation of interactions between free surface and rigid body using a robust SPH method	OCEAN ENGINEERING	2	2015
Li Shuai; Li Yun-bo; Zhang A-man	Numerical analysis of the bubble jet impact on a rigid wall	APPLIED OCEAN RESEARCH	5	2015
Liu, Shifei; Atia, Mohamed Maher; Karamat, Tashfeen B.; Noureldin, Aboelmagd	A LiDAR-Aided Indoor Navigation System for UGVs	JOURNAL OF NAVIGATION	2	2015
Ye Xi; Zhang A-man; Zeng Dong-rui	Motion characteristics of cavitation bubble near the rigid wall with the driving of acoustic wave	CHINA OCEAN ENGINEERING	0	2015
Fathallah, Elsayed; Qi, Hui; Tong, Lili; Helal, Mahmoud	Design optimization of lay-up and composite material system to achieve minimum buoyancy factor for composite elliptical submersible pressure hull	COMPOSITE STRUCTURES	0	2015
Fathallah, Elsayed; Qi, Hui; Tong, Lili;	Numerical investigation of the dynamic response of	COMPOSITE STRUCTURES	1	2015

作者	题目	刊名	被引 次数	发表年份
Helal, Mahmoud	optimized composite elliptical submersible pressure hull subjected to non-contact underwater explosion			
Cai, Shaobin; Yao, Nianmin; Gao, Zhenguo	A reliable data transfer protocol based on twin paths and network coding for underwater acoustic sensor network	EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING	0	2015
Mohamad, Salaheldin A.; Lu, Xiqun; Zheng, Qun	Effect of Cylinder Liner Oil Grooves Shape on Two-Stroke Marine Diesel Engine's Piston Ring Friction Force	ADVANCES IN MECHANICAL ENGINEERING	1	2015
Gao, Wei; Zhang, Ya; Wang, Jianguo	Research on Initial Alignment and Self-Calibration of Rotary Strapdown Inertial Navigation Systems	SENSORS	2	2015
Wang, Liquan; Gong, Hanyang; Xing, Xiaodong; Yuan, Jinru	Rigid dynamic performance simulation of an offshore pipeline plough	OCEAN ENGINEERING	0	2015
Zhang, Songsong; Ouyang, Xiao; Li, Jie; Gao, Shan; Han, Shihui; Liu, Lianhe; Wei, Hao	Underwater Drag-Reducing Effect of Superhydrophobic Submarine Model	LANGMUIR	5	2015
Tian, Xinna; Xiao, Youhong; Zhou, Peilin; Zhang, Wenping; Chu, Zhenhao; Zheng, Wei	Study on the mixing performance of static mixers in selective catalytic reduction (SCR) systems	JOURNAL OF MARINE ENGINEERING AND TECHNOLOGY	0	2015
Xia, Guoqing; Pang, Chengcheng; Xue, Jingjing	Fuzzy neural network-based robust adaptive control for dynamic positioning of underwater vehicles with input dead-zone	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	0	2015
Liu, Chang; Zhao, Yuxin; Gao, Feng; Liu, Liqiang	Three-Dimensional Path Planning Method for Autonomous Underwater Vehicle Based on Modified Firefly Algorithm	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2015

作者	题目	刊名	被引 次数	发表年份
Li Zhi-Fu; Shi Yuyun; Ren HuiLong; Hui, Li; Ashraf, Muhammad Aqeel	SIMULATION OF IRREGULAR WAVES IN A NUMERICAL WAVE TANK	POLISH MARITIME RESEARCH	1	2015
Deng, Rui; Duan, Wenyang; Ma, Shan; Ma, Yong	NUMERICAL RESEARCH OF THE VISCOUS EFFECT OF THE BILGE KEEL ON THE DAMPING MOMENT	POLISH MARITIME RESEARCH	0	2015
Chen, Miao; Han, Duanfeng	MULTI-GRID MODEL FOR CROWD'S EVACUATION IN SHIPS BASED ON CELLULAR AUTOMATA	POLISH MARITIME RESEARCH	0	2015
Zhang, B.; Wanga, Z.; Wang, T.; Yu, H. J.	DESIGN METHOD OF WINCH DRIVEN BY CONTACTLESS MAGNETIC COUPLING UNDER DEEPWATER	POLISH MARITIME RESEARCH	0	2015
Jiao, Jialong; Ren, Huilong; Adenya, Christiaan Adika	Experimental and Numerical Analysis of Hull Girder Vibrations and Bow Impact of a Large Ship Sailing in Waves	SHOCK AND VIBRATION	1	2015
Ying, Yulong; Cao, Yunpeng; Li, Shuying; Li, Jingchao	Nonlinear Steady-State Model Based Gas Turbine Health Status Estimation Approach with Improved Particle Swarm Optimization Algorithm	MATHEMATICAL PROBLEMS IN ENGINEERING	1	2015
Ma, Weijia; Sun, Hanbing; Sun, Huawei; Zou, Jin; Zhuang, Jiayuan	TEST STUDIES OF THE RESISTANCE AND SEAKEEPING PERFORMANCE OF A TRIMARAN PLANING HULL	POLISH MARITIME RESEARCH	1	2015
Gao, Wei; Li, Jingchun; Zhou, Guangtao; Li, Qian	Adaptive Kalman Filtering with Recursive Noise Estimator for Integrated SINS/DVL Systems	JOURNAL OF NAVIGATION	0	2015
Gao, Wei; Liu, Yalong; Xu, Bo	Robust Huber-Based Iterated Divided Difference Filtering with Application to Cooperative	SENSORS	1	2014

作者	题目	刊名	被引 次数	发表年份
Zheng Xing; Ma Qing-wei; Duan Wen-yang	Localization of Autonomous Underwater Vehicles Comparative study of different SPH schemes on simulating violent water wave impact flows	CHINA OCEAN ENGINEERING	0	2014
Jin, Guangyuan; Yan, Changqi; Sun, Licheng; Wang, Yang; Yan, Chaoxing	Research on frictional resistance of bubbly flow in rolling rectangular ducts	NUCLEAR ENGINEERING AND DESIGN	1	2014
Guo, Weiya; Xia, Xuezhi; Wang Xiaofei	A remote sensing ship recognition method based on dynamic probability generative model	EXPERT SYSTEMS WITH APPLICATIONS	4	2014
Sun Tao; Liu Na; Wang Zhongyi; Ye Nan	Numerical Simulation on the Controllable Two Stage Exhaust Ejector of Gas Turbine	JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS	0	2014
Sun Tao; Yuan Ming-hui; Chu Shu-Guang; Luan Yi-Gang	Performance Analysis of Marine Gas Turbine Elbow Type Exhaust Volute	JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS	0	2014
Xiao Wei; Yao Xiong-liang; Guo Jun	Wall effect of underwater explosion load based on wave motion theories	CHINA OCEAN ENGINEERING	1	2014
Zhang Ming-jun; Wu Juan; Chu Zhen-zhong	Multi-fault diagnosis for autonomous underwater vehicle based on fuzzy weighted support vector domain description	CHINA OCEAN ENGINEERING	2	2014
Jing, Fengmei; Sheng, Qihu; Zhang, Liang	Experimental research on tidal current vertical axis turbine with variable-pitch blades	OCEAN ENGINEERING	0	2014
Zhao, Xin-hua; Sun, Yao; Zhao, Guo-liang; Fan, Jia-li	mu-Synthesis robust controller design for the supercavitating vehicle based on the BTT strategy	OCEAN ENGINEERING	1	2014
Ben, Yueyang; Yang, Jiaolong; Yin, Donghan; Li, Qian	System reset of strapdown INS for pipeline inspection gauge	OCEAN ENGINEERING	0	2014

作者	题目	刊名	被引 次数	发表年份
Chu, Zhen-zhong; Zhang, Ming-jun	Fault reconstruction of thruster for autonomous underwater vehicle based on terminal sliding mode observer	OCEAN ENGINEERING	4	2014
Liu, Sheng; Xing, Bowen; Li, Bing; Gu, Mingming	Ship information system: overview and research trends	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	0	2014
Wang, Z.; Zhang, B.; Sui, L. -M.; Yu, H. -J.	Backpack pipe clamp based on resin matrix composite	MATERIALS RESEARCH INNOVATIONS	0	2014
Cao, X. Y.; Ming, F. R.; Zhang, A. M.	Sloshing in a rectangular tank based on SPH simulation	APPLIED OCEAN RESEARCH	4	2014
Jin Ye-qing; Pang Fu-zhen; Yang Fei; Li Guang-ming	A general model for analysis of sound radiation from orthogonally stiffened laminated composite plates	CHINA OCEAN ENGINEERING	0	2014
Li Ye; Jiang Yan-qing; Ma Shan; Chen Peng-yun; Li Yi-ming	Inverse speed analysis and low speed control of underwater vehicle	JOURNAL OF CENTRAL SOUTH UNIVERSITY	1	2014
Wang Shi-ping; Chu Wen-hua; Zhang A-man	Experimental study on bubble pulse features under the combined action of horizontal and vertical walls	CHINA OCEAN ENGINEERING	1	2014
Xing, Dianchuan; Yan, Changqi; Sun, Licheng	Flow fluctuation behaviors of single-phase forced circulation under rolling conditions	OCEAN ENGINEERING	2	2014
Huang Hai; Wan Lei; Chang Wen-tian; Pang Yong-jie; Jiang Shu-qiang	A Fault-tolerable Control Scheme for an Open-frame Underwater Vehicle	INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS	0	2014
Tian, X.; Xiao, Y.; Zhou, P.; Zhang, W.; Luo, X.	Investigation on performance of V2O5-WO3-TiO2-cordierite catalyst modified with Cu, Mn and Ce for urea-SCR of NO	MATERIALS RESEARCH INNOVATIONS	5	2014
Gu, Yunqing; Zhao, Gang; Zheng, Jinxing;	Experimental and numerical investigation on drag	OCEAN ENGINEERING	7	2014



作者	题目	刊名	被引 次数	发表年份
Li, Zhaoyuan; Liu, Wenbo; Muhammad, F. K.	reduction of non-smooth bionic jet surface			
Yu, Fei; Sun, Qian	Angular Rate Optimal Design for the Rotary Strapdown Inertial Navigation System	SENSORS	1	2014
Guo Chun-yu; Zhao Da-gang; Sun Yu	Numerical simulation and experimental research on hydrodynamic performance of propeller with varying shaft depths	CHINA OCEAN ENGINEERING	1	2014
Ming, Fu-ren; Sun, Peng-nan; Zhang, A-man	Investigation on charge parameters of underwater contact explosion based on axisymmetric SPH method	APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION	2	2014
Gao, Yanbin; Guan, Lianwu; Wang, Tingjun	Optimal artificial fish swarm algorithm for the field calibration on marine navigation	MEASUREMENT	3	2014
Han, Xiao; Yin, Jingwei; Du, Pengyu; Zhang, Xiao	Experimental demonstration of underwater acoustic communication using bionic signals	APPLIED ACOUSTICS	0	2014
Li, Shaodan; Tan, Sichao; Gao, Puzhen; Xu, Chao	Experimental research of bubble number density and bubble size in narrow rectangular channel under rolling motion	NUCLEAR ENGINEERING AND DESIGN	2	2014
Zhang Xue-wei; Zhang Liang; Wang Feng; Zhao Dong-ya; Pang Cheng-yan	Research on the unsteady hydrodynamic characteristics of vertical axis tidal turbine	CHINA OCEAN ENGINEERING	0	2014
Lin Yi; Hu An-kang; Xiong Fei; Jiang Wei	Discussion on key points of wind load of jack-up unit	CHINA OCEAN ENGINEERING	0	2014
Chen, Pengyun; Li, Ye; Su, Yumin; Chen, Xiaolong	The Improved Kriging Interpolation Algorithm for Local Underwater Terrain Based on Fractal Compensation	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2014

作者	题目	刊名	被引 次数	发表年份
Li, Jinghua; Li, Lingyao; Yang, Boxin; Zhou, Qinghua	Development of a Collaborative Scheduling System of Offshore Platform Project Based on Multiagent Technology	ADVANCES IN MECHANICAL ENGINEERING	0	2014
He, Tao; Lu, Xiqun; Zou, Dequan; Guo, Yibin; Li, Wanyou; Huang, Minli	Thermomechanical Fatigue Life Prediction for a Marine Diesel Engine Piston considering Ring Dynamics	ADVANCES IN MECHANICAL ENGINEERING	0	2014
Xu, Bo; Xiao, Yong Ping; Gao, Wei; Zhang, Yong Gang; Liu, Ya Long; Liu, Yang	Dual-Model Reverse CKF Algorithm in Cooperative Navigation for USV	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2014
Wang, Weiyang; Xu, Zhiqiang; Tang, Rui; Li, Shuying; Wu, Wei	Fault Detection and Diagnosis for Gas Turbines Based on a Kernelized Information Entropy Model	SCIENTIFIC WORLD JOURNAL	0	2014
Yan, Zheping; Deng, Chao; Chi, Dongnan; Chen, Tao; Hou, Shuping	Path Planning Method for UUV Homing and Docking in Movement Disorders Environment	SCIENTIFIC WORLD JOURNAL	0	2014
Zhao, Ning-bo; Wen, Xue-you; Li, Shu-ying	Dynamic Time-Delay Characteristics and Structural Optimization Design of Marine Gas Turbine Intercooler	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2014
Fathallah, Elsayed; Qi, Hui; Tong, Lili; Helal, Mahmoud	Design Optimization of Composite Elliptical Deep-Submersible Pressure Hull for Minimizing the Buoyancy Factor	ADVANCES IN MECHANICAL ENGINEERING	0	2014
Wang, Yuanhui; Zou, Chuntai; Ding, Fuguang; Dou, Xianghui; Ma, Yanqin; Liu, Yanwen	Structural Reliability Based Dynamic Positioning of Turret-Moored FPSOs in Extreme Seas	MATHEMATICAL PROBLEMS IN ENGINEERING	1	2014
Zhang, Yong-Gang; Huang, Yu-Long; Wu, Zhe-Min; Li, Ning	Moving State Marine SINS Initial Alignment Based on High Degree CKF	MATHEMATICAL PROBLEMS IN ENGINEERING	1	2014

作者	题目	刊名	被引 次数	发表年份
Zhang, Wei; Chen, Haitian; Chen, Tao; Yan, Zheping; Ren, Hongliang	Research on Coordinated Robotic Motion Control Based on Fuzzy Decoupling Method in Fluidic Environments	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2014
Zhang, Xun; Hu, Xinglin; Zhao, Yang; Tang, Zhaodong	Study on Application of T-S Fuzzy Observer in Speed Switching Control of AUVs Driven by States	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2014
Gao, Wei; Zhang, Ya; Wang, Jianguo	A Strapdown Inertial Navigation System/Beidou/Doppler Velocity Log Integrated Navigation Algorithm Based on a Cubature Kalman Filter	SENSORS	9	2014
Dai, Yuntao; Liu, Liqiang; Feng, Shanshan	On the Identification of Coupled Pitch and Heave Motions Using Opposition-Based Particle Swarm Optimization	MATHEMATICAL PROBLEMS IN ENGINEERING	1	2014
Su, Xiaoyu; Jin, Hongzhang; Shen, Wei; Gu, Yunbiao	Delay-Range-Dependent H-infinity Control for Automatic Mooring Positioning System with Time-Varying Input Delay	SHOCK AND VIBRATION	0	2014
Li, Zonglin; Yao, Nianmin; Gao, Qin	Relative Distance Based Forwarding Protocol for Underwater Wireless Networks	INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS	2	2014
Liu, Yunlong; Zhang, Aman; Tian, Zhaoli	Approximation of underwater explosion bubble by singularities based on BEM	OCEAN ENGINEERING	7	2014
Yan, Zheping; Wu, Di; Zhou, Jijia; Hao, Lichao	Recursive Subspace Identification of AUV Dynamic Model under General Noise Assumption	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2014
Zhao, B. B.; Duan, W. Y.; Ertekin, R. C.	Application of higher-level GN theory to some wave transformation problems	COASTAL ENGINEERING	12	2014

作者	题目	刊名	被引 次数	发表年份
Huang, Yu; Wu, Li-Hua; Sun, Feng	Underwater Continuous Localization Based on Magnetic Dipole Target Using Magnetic Gradient Tensor and Draft Depth	IEEE GEOSCIENCE AND REMOTE SENSING LETTERS	2	2014
Pan, Fumin; Zheng, Hongtao; Liu, Qingzhen; Yang, Ren	Design and performance calculations of chemically recuperated gas turbine on ship	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART A-JOURNAL OF POWER AND ENERGY	1	2013
Liu, Zhiquan; Jin, Hongzhang	Extended radiated energy method and its application to a ship roll stabilisation control system	OCEAN ENGINEERING	2	2013
Zhang, A. M.; Ming, F. R.; Wang, S. P.	Coupled SPHS-BEM method for transient fluid-structure interaction and applications in underwater impacts	APPLIED OCEAN RESEARCH	2	2013
Sun Wei; Sun Feng; Wang Da-xue	High precision fiber SINS with spin technology	CHINA OCEAN ENGINEERING	0	2013
Ren Xian-gang; Bai Yong	Comparison study of jack-up drilling unit's dynamic behaviour	SHIPS AND OFFSHORE STRUCTURES	1	2013
Kang, Zhuang; Jia, Lusheng	An experiment study of a cylinder's two degree of freedom VIV trajectories	OCEAN ENGINEERING	3	2013
Wang, Wenming; Wang, Liquan; Wang, Caidong	Deep-sea structure pose measurements error analysis and experimental study	OCEAN ENGINEERING	1	2013
Zhang, A. M.; Wang, S. P.; Wu, G. X.	Simulation of bubble motion in a compressible liquid based on the three dimensional wave equation	ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS	13	2013
Zhang, A-man; Cao, Xue-yan; Ming, Fu-ren; Zhang, Zhi-Fan	Investigation on a damaged ship model sinking into water based on three dimensional SPH method	APPLIED OCEAN RESEARCH	12	2013
Xu, G. D.; Wu, G. X.	Hydrodynamics of a submerged hydrofoil advancing	APPLIED OCEAN RESEARCH	1	2013

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Xu, Gang; Duan, Wen-Yang	in waves Time-domain simulation of wave-structure interaction based on multi-transmitting formula coupled with damping zone method for radiation boundary condition	APPLIED OCEAN RESEARCH	2	2013
Xu, Feng; Zou, Zao-Jian; Yin, Jian-Chuan; Cao, Jian	Identification modeling of underwater vehicles' nonlinear dynamics based on support vector machines	OCEAN ENGINEERING	9	2013
Sun, Feng; Lan, Haiyu; Yu, Chunyang; El-Sheimy, Naser; Zhou, Guangtao; Cao, Tong; Liu, Hang	A Robust Self-Alignment Method for Ship's Strapdown INS Under Mooring Conditions	SENSORS	10	2013
Cai, Shaobin; Gao, Zhenguo; Yang, DeSen; Yao, Nianmin	A network coding based protocol for reliable data transfer in underwater acoustic sensor	AD HOC NETWORKS	3	2013
Yang, N.; Das, P. K.; Blake, J. I. R.; Sobey, A. J.; Sheno, R. A.	The application of reliability methods in the design of tophat stiffened composite panels under in-plane loading	MARINE STRUCTURES	1	2013
Wang, Zhong-Yi; Li, Fei; Cao, Lei; Wang, Song; Luan, Yi-Gang	Application of Porous Jump Boundary Conditions in Numerical Simulation Study of Marine Gas Turbine Exhaust Ejector	JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS	0	2013
Song Hai-yan; Shi Jie; Liu Bo-sheng	Robust source localization in shallow water based on vector optimization	CHINA OCEAN ENGINEERING	0	2013
Cai, Shaobin; Gao, Zhenguo; Yang, Desen; Zhao, Jing; Zhao, Yunlong	IPool-ADELIN: An extended ADELIN based on IPool node for reliable transport of Underwater Acoustic Sensor Networks	AD HOC NETWORKS	0	2013

作者	题目	刊名	被引 次数	发表年份
Cui, Pu; Zhang, A-man; Wang, Shi-ping; Wang, Qian-xi	Experimental investigation of bubble dynamics near the bilge with a circular opening	APPLIED OCEAN RESEARCH	3	2013
Zhang, Lijun; Zhao, Jiemei; Qi, Xue; Jia, Heming	NN-adaptive output feedback tracking control for a class of discrete-time non-affine systems with a dynamic compensator	INTERNATIONAL JOURNAL OF CONTROL	3	2013
Zhang, Lijun; Qi, Xue; Pang, Yongjie; Jiang, Dapeng	ADAPTIVE OUTPUT FEEDBACK CONTROL FOR TRAJECTORY TRACKING OF AUV IN WAVE DISTURBANCE CONDITION	INTERNATIONAL JOURNAL OF WAVELETS MULTIREOLUTION AND INFORMATION PROCESSING	0	2013
Ali, Majid; Yan Changqi; Sun Zhongning; Gu Haifeng; Wang Junlong; Mehboob, Khurram	IODINE REMOVAL EFFICIENCY IN NON-SUBMERGED AND SUBMERGED SELF-PRIMING VENTURI SCRUBBER	NUCLEAR ENGINEERING AND TECHNOLOGY	0	2013
Liu, Songzuo; Qiao, Gang; Ismail, Asim	Covert underwater acoustic communication using dolphin sounds	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	3	2013
Lan Chaofeng; Yang Desen; Lu Di; Guo Xiaoxia; Zhou Zhonghai	The Theory and Experiment of Parametric Amplification of Three-wave Nonlinear Interaction in Water	CHINESE JOURNAL OF ELECTRONICS	0	2013
Lu, Yong; Yang, Dongkai; Li, Weiqiang; Ding, Jichen; Li, Ziwei	Study on the New Methods of Ship Object Detection Based on GNSS Reflection	MARINE GEODESY	0	2013
Zhang Zhong-lin; Wang Li-quan	Design and research on the two-joint mating system of underwater vehicle	CHINA OCEAN ENGINEERING	1	2013
Lu, Xiqun; Li, Quan; Zhang, Wenping; Guo, Yibin; He, Tao; Zou, Dequan	Thermal analysis on piston of marine diesel engine	APPLIED THERMAL ENGINEERING	4	2013
Zhou, Jiajia; Tang, Zhaodong; Zhang,	Spatial Path Following for AUVs Using Adaptive	MATHEMATICAL PROBLEMS IN	2	2013

作者	题目	刊名	被引 次数	发表年份
Honghan; Jiao, Jianfang	Neural Network Controllers	ENGINEERING		
Yu, Hongyang; Yao, Nianmin; Cai, Shaobin; Han, Qilong	Analyzing the performance of Aloha in string multi-hop underwater acoustic sensor networks	EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING	3	2013
Ma, Weijia; Sun, Huawei; Zou, Jin; Yang, Heng	Test research on the resistance performance of high-speed trimaran planing hull	POLISH MARITIME RESEARCH	1	2013
Huang, Hai; Tang, Qirong; Li, Yueming; Wan, Lei; Pang, Yongjie	Dynamic Control and Disturbance Estimation of 3D Path Following for the Observation Class Underwater Remotely Operated Vehicle	ADVANCES IN MECHANICAL ENGINEERING	0	2013
Yan, Zheping; Zhao, Yufei; Hou, Shuping; Zhang, Honghan; Zheng, Yalin	Obstacle Avoidance for Unmanned Undersea Vehicle in Unknown Unstructured Environment	MATHEMATICAL PROBLEMS IN ENGINEERING	1	2013
Wang, Hongjian; Fu, Guixia; Li, Juan; Yan, Zheping; Bian, Xinqian	An Adaptive UKF Based SLAM Method for Unmanned Underwater Vehicle	MATHEMATICAL PROBLEMS IN ENGINEERING	4	2013
Yan, Zheping; Chi, Dongnan; Hou, Shuping; Zheng, Yalin	Underwater Environment SDAP Method Using Multi Single-Beam Sonars	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2013
Xie, Yehai; Lin, Xiaogong; Bian, Xinqian; Zhao, Dawei	Multiple Model Adaptive Nonlinear Observer of Dynamic Positioning Ship	MATHEMATICAL PROBLEMS IN ENGINEERING	0	2013
Fu, Mingyu; Jiao, Jianfang	A Hybrid Approach for Coordinated Formation Control of Multiple Surface Vessels	MATHEMATICAL PROBLEMS IN ENGINEERING	4	2013
Li, Qian; Ben, Yueyang; Zhu, Zhongjun; Yang, Jiaolong	A Ground Fine Alignment of Strapdown INS under a Vibrating Base	JOURNAL OF NAVIGATION	2	2013
Zhang Tie-dong; Wan Lei; Zeng Wen-jing; Xu Yu-ru	Object detection and tracking method of AUV based on acoustic vision	CHINA OCEAN ENGINEERING	3	2012
Guo, Shuxiang; Shi, Liwei; Xiao, Nan;	A biomimetic underwater microrobot with	ROBOTICS AND AUTONOMOUS	24	2012

作者	题目	刊名	被引 次数	发表年份
Asaka, Kinji	multifunctional locomotion	SYSTEMS		
Bian, Xinqian; Yan, Zheping; Chen, Tao; Yu, D. L.; Zhao, Yufei	Mission management and control of BSA-AUV for ocean survey	OCEAN ENGINEERING	3	2012
Sun, Haiou; Ye, Nan; Han, Jia; Wang, Zhongyi; Yu, Yunliang	The design and research on a gas-water mix-type marine fire hydrant	ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH	0	2012
Sun, Tao; Zhang, Yi; Wang, Zhongyi; Xu, Yuehan	Research on exhaust ejector for marine gas turbine	ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH	0	2012
Xu Feng; Zou Zao-jian; Yin Jian-chuan; Cao Jian	PARAMETRIC IDENTIFICATION AND SENSITIVITY ANALYSIS FOR AUTONOMOUS UNDERWATER VEHICLES IN DIVING PLANE	JOURNAL OF HYDRODYNAMICS	5	2012
Li Ye; Pang Yong-jie; Zhang Lei; Zhang Hong-hao	Semi-physical simulation of AUV pipeline tracking	JOURNAL OF CENTRAL SOUTH UNIVERSITY	1	2012
Zhang, A-man; Ren, Shao-fei; Li, Qing; Li, Jia	3D numerical simulation on fluid-structure interaction of structure subjected to underwater explosion with cavitation	APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION	0	2012
Zhang Tie-dong; Zeng Wen-jing; Wan Lei; Qin Zai-bai	Vision-based system of AUV for an underwater pipeline tracker	CHINA OCEAN ENGINEERING	2	2012
Wang Yanqiu; Shao Yawei; Meng Guozhe; Zhang Tao; Wang Fuhui	STUDY ON PASSIVATING TREATMENT OF Cu-Ni ALLOY IN COMPOUND PASSIVANT CONTAINING BENZOTRIAZOLE	ACTA METALLURGICA SINICA	0	2012



作者	题目	刊名	被引 次数	发表年份
Yang, T. J.; Suai, Z. J.; Sun, Y.; Zhu, M. G.; Xiao, Y. H.; Liu, X. G.; Du, J. T.; Jin, G. Y.; Liu, Z. G.	Active vibration isolation system for a diesel engine	NOISE CONTROL ENGINEERING JOURNAL	3	2012
Sun Yu-shan; Wan Lei; Gan Yong; Wang Jian-guo; Jiang Chun-meng	Design of motion control of dam safety inspection underwater vehicle	JOURNAL OF CENTRAL SOUTH UNIVERSITY	3	2012
Su Yu-min; Wang Zhao-li; Zhang Xi; Guo Bing-jie	Numerical Simulation for Hydrodynamic Characteristics of A Bionic Flapping Hydrofoil	CHINA OCEAN ENGINEERING	0	2012
Xu, Weijun; Iijima, Kazuhiro; Fujikubo, Masahiko	Parametric dependencies of the post-ultimate strength behavior of a ship's hull girder in waves	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	2	2012
Wang, Wenming; Wang, Liquan; Wang, Caidong	A novel deepwater structures pose measurement method and experimental study	MEASUREMENT	4	2012
Jia He-ming; Zhang Li-jun; Bian Xin-qian; Yan Zhe-ping; Cheng Xiang-qin; Zhou Jia-jia	A nonlinear bottom-following controller for underactuated autonomous underwater vehicles	JOURNAL OF CENTRAL SOUTH UNIVERSITY	6	2012
Zhang, Ming-jun; Chu, Zhen-zhong	Adaptive sliding mode control based on local recurrent neural networks for underwater robot	OCEAN ENGINEERING	22	2012
Zhang A-man; Yang Wen-shan; Yao Xiong-liang	Numerical simulation of underwater contact explosion	APPLIED OCEAN RESEARCH	17	2012
Xiao, Y.; Liang, T.; Zhou, P.	An investigation into the properties of V-based catalysts for Selective Catalytic Reduction of NO with NH <sub>3</sub>	JOURNAL OF MARINE ENGINEERING AND TECHNOLOGY	1	2012
Manyanga, D. O.; Duan Wen-yang	Green functions with pulsating sources in a two-layer fluid of finite depth	CHINA OCEAN ENGINEERING	1	2011
Li Ye; Pang Yong-jie; Huang Shu-ling;	Depth-trim mapping control of underwater vehicle	CHINA OCEAN ENGINEERING	1	2011

作者	题目	刊名	被引 次数	发表年份
Wan Lei	with fins			
Wang Fang; Wan Lei; Jiang Da-peng; Xu Yu-ru	Design and reliability analysis of DP-3 dynamic positioning control architecture	CHINA OCEAN ENGINEERING	0	2011
Wang Wei; Chen Geng	Analytical and numerical modeling for flexible pipes	CHINA OCEAN ENGINEERING	6	2011
Iijima, Kazuhiro; Kimura, Kazuhiro; Xu, Weijun; Fujikubo, Masahiko	Hydroelasto-plasticity approach to predicting the post-ultimate strength behavior of a ship's hull girder in waves	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	7	2011
Xue, Yanzhuo; Clelland, D.; Lee, B. S.; Han, Duanfeng	Automatic simulation of ship navigation	OCEAN ENGINEERING	6	2011
Gao, Wei; Ben, Yueyang; Zhang, Xin; Li, Qian; Yu, Fei	Rapid Fine Strapdown INS Alignment Method under Marine Mooring Condition	IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS	18	2011
Yin JingWei; Zhang Xiao; Sun LiQiang; Mei JiDan	An application of the differential spread-spectrum technique in mobile underwater acoustic communication	SCIENCE CHINA-INFORMATION SCIENCES	2	2011
Zhang, A-man; Zeng, Ling-yu; Cheng, Xiao-da; Wang, Shi-ping; Chen, Yu Xu, G. D.; Wu, G. X.; Duan, W. Y.	The evaluation method of total damage to ship in underwater explosion	APPLIED OCEAN RESEARCH	17	2011
Zhang Aman; Zhou Weixing; Wang Shiping; Feng Linhan	Axisymmetric liquid block impact on a solid surface	APPLIED OCEAN RESEARCH	2	2011
Zhong Yu-guang; Xue Kai; Zhan Yong	Dynamic response of the non-contact underwater explosions on naval equipment	MARINE STRUCTURES	11	2011
Zhang, Li-Jun; Jia, He-Ming; Qi, Xue	Modeling and analysis of panel hull block assembly system through timed colored Petri net	MARINE STRUCTURES	0	2011
	NNFFC-adaptive output feedback trajectory tracking control for a surface ship at high speed	OCEAN ENGINEERING	16	2011

作者	题目	刊名	被引次数	发表年份
Xiao, Qing; Sun, Ke; Liu, Hao; Hu, Jianxin	Computational study on near wake interaction between undulation body and a D-section cylinder	OCEAN ENGINEERING	6	2011
Huang Shuo; Duan Wen-yang; Ma Qing-wei	An Approximation to Energy Dissipation in Time Domain Simulation of Sloshing Waves Based on Linear Potential Theory	CHINA OCEAN ENGINEERING	1	2011
Pan Li-xin; Jin Hong-zhang; Wang Lin-lin	Robust Control Based on Feedback Linearization for Roll Stabilizing of Autonomous Underwater Vehicle Under Wave Disturbances	CHINA OCEAN ENGINEERING	4	2011
Yang, Nana; Das, Purnendu K.; Yao, Xiongliang	Ultimate strength and reliability assessment of laminated composite plates under axial compression	SHIPS AND OFFSHORE STRUCTURES	1	2011
Yang Liang; Su Yu-min	CFD Simulation of Flow Features and Vorticity Structures in Tuna-Like Swimming	CHINA OCEAN ENGINEERING	3	2011
Shi, Liwei; Guo, Shuxiang; Asaka, Kinji	DEVELOPMENT OF A NEW JELLYFISH-TYPE UNDERWATER MICROROBOT	INTERNATIONAL JOURNAL OF ROBOTICS & AUTOMATION	15	2011

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作者	题目	刊名	被引次数	发表年份
Vincelli, Jay M.; Calakli, Fatih; Stone, Michael A.; Forrester, Graham E.; Mellon, Timothy; Jarrell, John D.	Characterizing a Debris Field Using Digital Mosaicking and CAD Model Superimposition from Underwater Video	PHOTOGRAMMETRIC ENGINEERING AND REMOTE SENSING	0	2016
Sanjana, M. C.; Latha, G.; Potty, G. R.	Geoacoustic inversion in shallow tropical waters for	JOURNAL OF THE	0	2016

作者	题目	刊名	被引 次数	发表年份
	a silty and sandy seabed	ACOUSTICAL SOCIETY OF AMERICA		
Neill, Simon P.; Hashemi, M. Reza; Lewis, Matt J.	Tidal energy leasing and tidal phasing	RENEWABLE ENERGY	1	2016
LeBlanc, James; Shukla, Arun	Underwater explosion response of curved composite plates	COMPOSITE STRUCTURES	0	2015
Zhang, Lin; Thibodeaux, Louis; Jones, Lee; Lohmann, Rainer	Simulation of Observed PCBs and Pesticides in the Water Column during the North Atlantic Bloom Experiment	ENVIRONMENTAL SCIENCE & TECHNOLOGY	0	2015
Scowcroft, Gail A.; Coleman, Dwight F.; Hayward, Jeff; Romano, Cia	Exploring Inner Space: Engaging the Public With Ocean Scientists	MARINE TECHNOLOGY SOCIETY JOURNAL	0	2015
Bookstaver, Michelle; Bose, Arijit; Tripathi, Anubhav	Interaction of Alcanivorax borkumensis with a Surfactant Decorated Oil-Water Interface	LANGMUIR	0	2015
Bookstaver, Michelle; Godfrin, Michael P.; Bose, Arijit; Tripathi, Anubhav	An insight into the growth of Alcanivorax borkumensis under different inoculation conditions	JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	0	2015
Andres, M.; Silvano, A.; Straneo, F.; Watts, D. R.	Icebergs and Sea Ice Detected with Inverted Echo Sounders	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Codiga, Daniel L.	A Marine Autonomous Surface Craft for Long-Duration, Spatially Explicit, Multidisciplinary Water Column Sampling in Coastal and Estuarine Systems	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2015
Yablonsky, Richard M.; Ginis, Isaac; Thomas, Biju; Tallapragada, Vijay; Sheinin, Dmitry; Bernardet, Ligia	Description and Analysis of the Ocean Component of NOAA's Operational Hurricane Weather Research and Forecasting Model (HWRf)	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	4	2015

作者	题目	刊名	被引次数	发表年份
Wilkinson, J. P.; Boyd, T.; Hagen, B.; Maksym, T.; Pegau, S.; Roman, C.; Singh, H.; Zabilansky, L.	Detection and quantification of oil under sea ice: The view from below	COLD REGIONS SCIENCE AND TECHNOLOGY	0	2015
Aydin, Hakan; Lee, Ho-Saeng; Kim, Hyeon-Ju; Shin, Seung Kyoon; Park, Keunhan	Off-design performance analysis of a closed-cycle ocean thermal energy conversion system with solar thermal preheating and superheating	RENEWABLE ENERGY	3	2014
Owoseni, Olasehinde; Nyankson, Emmanuel; Zhang, Yueheng; Adams, Samantha J.; he, Jibao; McPherson, Gary L.; Bose, Arijit; Gupta, Ram B.; John, Vijay T.	Release of Surfactant Cargo from Interfacially-Active Halloysite Clay Nanotubes for Oil Spill Remediation	LANGMUIR	17	2014
Crocker, Steven E.; Nielsen, Peter L.; Miller, James H.; Siderius, Martin	Geoacoustic inversion of ship radiated noise in shallow water using data from a single hydrophone	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2014
Worst, Jessica S.; Donohue, Kathleen A.; Rossby, T.	A Comparison of Vessel-Mounted Acoustic Doppler Current Profiler and Satellite Altimeter Estimates of Sea Surface Height and Transports between New Jersey and Bermuda along the CMV Oleander Route	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2014
Ullman, David S.; Hebert, David	Processing of Underway CTD Data	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2014
Firing, Y. L.; Chereskin, T. K.; Watts, D. R.; Tracey, K. L.; Provost, C.	Computation of Geostrophic Streamfunction, Its Derivatives, and Error Estimates from an Array of CPIES in Drake Passage	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	7	2014
Nouguier, Frederic; Grilli, Stephan T.; Guerin, Charles-Antoine	Nonlinear Ocean Wave Reconstruction Algorithms Based on Simulated Spatiotemporal Data Acquired	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE	1	2014

作者	题目	刊名	被引 次数	发表年份
Zeng, Xuezhi; Belkin, Igor M.; Peng, Shiqiu; Li, Yineng	by a Flash LIDAR Camera East Hainan upwelling fronts detected by remote sensing and modelled in summer	SENSING INTERNATIONAL JOURNAL OF REMOTE SENSING	3	2014
Taylor, Jessica K. D.; Kenney, Robert D.; LeRoi, Donald J.; Kraus, Scott D.	Automated Vertical Photography for Detecting Pelagic Species in Multitaxon Aerial Surveys	MARINE TECHNOLOGY SOCIETY JOURNAL	1	2014
Watts, D. Randolph; Kennelly, Maureen A.; Donohue, Kathleen A.; Tracey, Karen L.; Chereskin, Teresa K.; Weller, Robert A.; Victoria, Ivan	Four Current Meter Models Compared in Strong Currents in Drake Passage	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2013
Reitsma, Pamela J.; Adelman, Dave; Lohmann, Rainer	Challenges of Using Polyethylene Passive Samplers to Determine Dissolved Concentrations of Parent and Alkylated PAHs under Cold and Saline Conditions	ENVIRONMENTAL SCIENCE & TECHNOLOGY	4	2013
Ale, Bhaskar; Rousseau, Carl-Ernst	Dynamic Attenuation and Compressive Characterization of Syntactic Foams	JOURNAL OF ENGINEERING MATERIALS AND TECHNOLOGY-TRANSACTIONS OF THE ASME	1	2013
Nimmala, Seshu B.; Yim, Solomon C.; Grilli, Stephan T.	An Efficient Three-Dimensional FNPF Numerical Wave Tank for Large-Scale Wave Basin Experiment Simulation	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	3	2013
Lohmann, Rainer; Klanova, Jana; Pribylova, Petra; Liskova, Hana; Yonis, Shifra; Bollinger, Kevyn	PAHs on a West-to-East Transect Across the Tropical Atlantic Ocean	ENVIRONMENTAL SCIENCE & TECHNOLOGY	13	2013

作者	题目	刊名	被引次数	发表年份
Kroes, James R.; Chen, Yuwen; Mangiameli, Paul	Estimating Demand for Container Freight Service at the Port of Davisville	INTERFACES	1	2013
Grilli, Annette R.; Insua, Tania Lado; Spaulding, Malcolm	Protocol to Include Ecosystem Service Constraints in a Wind Farm Cost Model	JOURNAL OF ENVIRONMENTAL ENGINEERING	2	2013
White, Helen K.; Xu, Li; Hartmann, Paul; Quinn, James G.; Reddy, Christopher M.	Unresolved Complex Mixture (UCM) in Coastal Environments Is Derived from Fossil Sources	ENVIRONMENTAL SCIENCE & TECHNOLOGY	6	2013
Gauch, Erin; LeBlanc, James; Shukla, Arun	Response of preloaded thin composite panels subjected to underwater explosive loading	COMPUTERS & STRUCTURES	1	2012
Hensel, Jonas; Sharma, M. S. Ravi; Baxter, Christopher D. P.; Hu, Sau-Lon James	Development of a technology type factor for jacket structures for offshore wind turbines in Rhode Island	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	2	2012
Gupta, S.; Shukla, A.	Blast Performance of Marine Foam Core Sandwich Composites at Extreme Temperatures	EXPERIMENTAL MECHANICS	7	2012
Crocker, Steven E.; Miller, James H.; Potty, Gopu R.; Osler, John C.; Hines, Paul C.	Nonlinear Inversion of Acoustic Scalar and Vector Field Transfer Functions	IEEE JOURNAL OF OCEANIC ENGINEERING	2	2012
Piecuch, Christopher G.; Rynearson, Tatiana A.	Quantifying Dispersal and Connectivity of Surface Waters Using Observational Lagrangian Measurements	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	2	2012
Li, Huajun; Li, Ping; Hu, Sau-Lon James	Modal parameter estimation for jacket-type platforms using noisy free-vibration data: Sea test study	APPLIED OCEAN RESEARCH	2	2012
Guerber, Etienne; Benoit, Michel; Grilli, Stephan T.; Buvat, Clement	A fully nonlinear implicit model for wave interactions with submerged structures in forced or free motion	ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS	7	2012

作者	题目	刊名	被引 次数	发表年份
Dempsey, J. P.; Xie, Y.; Adamson, R. M.; Farmer, D. M.	Fracture of a ridged multi-year Arctic sea ice floe	COLD REGIONS SCIENCE AND TECHNOLOGY	1	2012
Benskin, Jonathan P.; Ahrens, Lutz; Muir, Derek C. G.; Scott, Brian F.; Spencer, Christine; Rosenberg, Bruno; Tomy, Gregg; Kylin, Henrik; Lohmann, Rainer; Martin, Jonathan W.	Manufacturing Origin of Perfluorooctanoate (PFOA) in Atlantic and Canadian Arctic Seawater	ENVIRONMENTAL SCIENCE & TECHNOLOGY	11	2012
Yao, Jinglong; Belkin, Igor; Chen, Ju; Wang, Dongxiao	Thermal fronts of the southern South China Sea from satellite and in situ data	INTERNATIONAL JOURNAL OF REMOTE SENSING	2	2012
Roman, Chris; Hebert, Dave	Concept Tests for a New Wire Flying Vehicle Designed to Achieve High Horizontal Resolution Profiling in Deep Water	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2011
Lombardi, Michael	Redefining 'Depth Perception' For Scientific Diving Standards	SEA TECHNOLOGY	0	2011
Czerski, Helen; Vagle, Svein; Farmer, David M.; Hall-Patch, Nick	Improvements to the methods used to measure bubble attenuation using an underwater acoustical resonator	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	3	2011
LeBlanc, James; Shukla, Arun	Dynamic response of curved composite panels to underwater explosive loading: Experimental and computational comparisons	COMPOSITE STRUCTURES	18	2011
Hu, Sau-Lon James; Li, Ping; Vincent, Harold T.; Li, Huajun	Modal Parameter Estimation for Jacket-Type Platforms Using Free-Vibration Data	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING-ASCE	2	2011
Okkonen, Stephen R.; Ashjian, Carin J.; Campbell, Robert G.; Clarke, Janet T.; Moore,	Satellite observations of circulation features associated with a bowhead whale feeding 'hotspot'	REMOTE SENSING OF ENVIRONMENT	13	2011



作者	题目	刊名	被引 次数	发表年份
Sue E.; Taylor, Kevin D.	near Barrow, Alaska			

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作者	题目	刊名	被引 次数	发表年份
Ikoma, Tomoki; Masuda, Koichi; Omori, Hikaru; Osawa, Hiroyuki; Maeda, Hisaaki	Improvement of Performance of Wave Power Conversion Due to the Projecting Walls for Oscillating Water Column Type Wave Energy Converter	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2016
Asakawa, Kenichi; Watari, Kensuke; Ohuchi, Hidetoshi; Nakamura, Masahiko; Hyakudome, Tadahiro; Ishihara, Yasuhisa	Buoyancy engine developed for underwater gliders	ADVANCED ROBOTICS	0	2016
Choi, Jin-Kyu; Yokobiki, Takashi; Kawaguchi, Katsuyoshi	Automated Cable-Laying System ROV-Based Installation of DONET2 Ocean Floor Observatory	SEA TECHNOLOGY	0	2015
Uchida, Hiroshi; Nakano, Toshiya; Tamba, Jun; Widiatmo, Januarius V.; Yamazawa, Kazuaki; Ozawa, Satoshi; Kawano, Takeshi	Deep Ocean Temperature Measurement with an Uncertainty of 0.7mK	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2015
Damiani, A.; Cordero, R. R.; Carrasco, J.; Watanabe, S.; Kawamiya, M.; Lagun, V. E.	Changes in the UV Lambertian equivalent reflectivity in the Southern Ocean: Influence of sea ice and cloudiness	REMOTE SENSING OF ENVIRONMENT	1	2015
Choi, Jin-Kyu; Nishida, Shuhei; Yokobiki,	Automated Cable-Laying System for Thin	IEEE JOURNAL OF OCEANIC	0	2015

作者	题目	刊名	被引 次数	发表年份
Takashi; Kawaguchi, Katsuyoshi	Optical-Fiber Submarine Cable Installation	ENGINEERING		
Araya, A.; Shinohara, M.; Kanazawa, T.; Fujimoto, H.; Yamada, T.; Ishihara, T.; Iizasa, K.; Tsukioka, S.	Development and demonstration of a gravity gradiometer onboard an autonomous underwater vehicle for detecting massive seafloor deposits	OCEAN ENGINEERING	0	2015
Kobayashi, Takuya; In, Teiji; Ishikawa, Yoichi	Development of ocean dispersion concentration maps of the contaminated water released from the Fukushima Dai-ichi Nuclear Power Plant	JOURNAL OF NUCLEAR SCIENCE AND TECHNOLOGY	0	2015
Yoshikawa, Shuro; Sakaguchi, Hide; Akutagawa, Shinichi; Machijima, Yuichi; Yue, Zhao	Development of a Fiber-Optic Cable Monitoring System for Storm-Generated Bathymetric Change in the Surf Zone	COASTAL ENGINEERING JOURNAL	0	2015
Siswanto, Eko; Matsumoto, Kazuhiko; Honda, Makio C.; Fujiki, Tetsuichi; Sasaoka, Kosei; Saino, Toshiro	Reappraisal of meridional differences of factors controlling phytoplankton biomass and initial increase preceding seasonal bloom in the northwestern Pacific Ocean	REMOTE SENSING OF ENVIRONMENT	4	2015
Takagaki, Naohisa; Kurose, Ryoichi; Tsujimoto, Yuta; Komori, Satoru; Takahashi, Keiko	Effects of turbulent eddies and Langmuir circulations on scalar transfer in a sheared wind-driven liquid flow	PHYSICS OF FLUIDS	0	2015
Tanimoto, Youichi; Shimoyama, Kou; Mori, Shoichi	Continuous Daily Observation of the Marine Atmospheric Boundary Layer over the Kuroshio by a Helicopter Shuttle Service	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	0	2015
Nagai, Shin; Ishii, Reiichiro; Bin Suhaili, Affendi; Kobayashi, Hideki; Matsuoka, Masayuki; Ichie, Tomoaki; Motohka, Takeshi; Kendawang, Joseph Jawa; Suzuki, Rikie	Usability of noise-free daily satellite-observed green-red vegetation index values for monitoring ecosystem changes in Borneo	INTERNATIONAL JOURNAL OF REMOTE SENSING	3	2014

作者	题目	刊名	被引 次数	发表年份
Kawama, Itaru	Live Broadcasting Of Deep-Sea Hydrothermal Vents Shinkai 6500 Manned Sub Transmits Images in Real Time From Seafloor	SEA TECHNOLOGY	0	2014
Takagaki, Naohisa; Kurose, Ryoichi; Baba, Yuya; Nakajima, Yuichiro; Komori, Satoru	Relationship between momentum of an impinging drop and intensities of vortex rings generated below free surface	INTERNATIONAL JOURNAL OF MULTIPHASE FLOW	0	2014
Borovski, Alexander N.; Dzhola, Anatoly V.; Elokhov, Alexander S.; Grechko, Eugene I.; Kanaya, Yugo; Postlyakov, Oleg V.	First measurements of formaldehyde integral content in the atmosphere using MAX-DOAS in the Moscow region	INTERNATIONAL JOURNAL OF REMOTE SENSING	6	2014
Kawakami, Hajime; Honda, Makio C.; Watanabe, Shuichi; Sino, Toshiro	Time-series observations of Po-210 and Pb-210 radioactivity in the western North Pacific	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	1	2014
Uehara, Hitoshi; Ando, Kazuto	Studies for Prevention and Mitigation of Natural Disasters Using the K computer	FUJITSU SCIENTIFIC & TECHNICAL JOURNAL	0	2014
Siswanto, Eko; Tanaka, Katsuhisa	Phytoplankton Biomass Dynamics in the Strait of Malacca within the Period of the SeaWiFS Full Mission: Seasonal Cycles, Interannual Variations and Decadal-Scale Trends	REMOTE SENSING	0	2014
Choi, Jin-Kyu; Kondo, Hayato; Shimizu, Etsuro	Thruster fault-tolerant control of a hovering AUV with four horizontal and two vertical thrusters	ADVANCED ROBOTICS	1	2014
Liu, Yang; Saitoh, Sei-Ichi; Igarashi, Hiromichi; Hirawake, Toru	The regional impacts of climate change on coastal environments and the aquaculture of Japanese scallops in northeast Asia: case studies from Dalian, China, and Funaka Bay, Japan	INTERNATIONAL JOURNAL OF REMOTE SENSING	4	2014

作者	题目	刊名	被引次数	发表年份
Kodaira, Tsubasa; Waseda, Takuji; Nakagawa, Tetsuji; Isoguchi, Osamu; Miyazawa, Yasumasa	Measuring the Kuroshio Current Around Miyake Island, a Potential Site for Ocean-Current Power Generation	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	2	2013
Shimura, T.; Ochi, H.; Song, H. C.	Experimental demonstration of multiuser communication in deep water using time reversal	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	4	2013
Hua, Bach Lien; Menesguen, Claire; Le Gentil, Sylvie; Schopp, Richard; Marsset, Bruno; Aiki, Hidenori	Layering and turbulence surrounding an anticyclonic oceanic vortex: in situ observations and quasi-geostrophic numerical simulations	JOURNAL OF FLUID MECHANICS	5	2013
Nakamura, Masahiko; Asakawa, Kenichi; Hyakudome, Tadahiro; Kishima, Satoru; Matsuoka, Hiroki; Minami, Takuya	Hydrodynamic Coefficients and Motion Simulations of Underwater Glider for Virtual Mooring	IEEE JOURNAL OF OCEANIC ENGINEERING	2	2013
Miyazawa, Yasumasa; Murakami, Hiroshi; Miyama, Toru; Varlamov, Sergey M.; Guo, Xinyu; Waseda, Takuji; Sil, Sourav	Data Assimilation of the High-Resolution Sea Surface Temperature Obtained from the Aqua-Terra Satellites (MODIS-SST) Using an Ensemble Kalman Filter	REMOTE SENSING	1	2013
Masuda, Yoshio; Yamanaka, Yasuhiro; Sasai, Yoshikazu	Optimization of the horizontal shape of CO <sub>2</sub> injected domain and the depths of release in moving-ship type CO <sub>2</sub> ocean sequestration	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2013
Yoshida, Kazuya; Izumi, Koji; Yoshida, Hiroshi; Miura, Ryu; Ono, Fumie	Demands on Reliable and Robust Wireless Communications under Land-Sea-and-Air Extreme Environments	IEICE TRANSACTIONS ON FUNDAMENTALS OF ELECTRONICS COMMUNICATIONS AND COMPUTER SCIENCES	0	2013

作者	题目	刊名	被引次数	发表年份
Kimura, Toshinori; Araki, Eiichiro; Takayama, Hiroyuki; Kitada, Kazuya; Kinoshita, Masataka; Namba, Yasuhiro; Kyo, Masanori	Development and Performance Tests of a Sensor Suite for a Long-Term Borehole Monitoring System in Seafloor Settings in the Nankai Trough, Japan	IEEE JOURNAL OF OCEANIC ENGINEERING	1	2013
Osawa, Hiroyuki; Miyazaki, Tsuyoshi; Miyajima, Shogo	Characteristics of Hydrodynamics and Generating Output of the Offshore Floating Wave Energy Device "Mighty Whale"	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2013
Kobayashi, Taiyo; Watanabe, Kazuhiro; Tachikawa, Michihiko	Deep NINJA Collects Profiles Down to 4,000 Meters Deep-Float Project Aims to Fill in Gaps in Ocean Observations	SEA TECHNOLOGY	0	2013
Kitada, Kazuya; Araki, Eiichiro; Kimura, Toshinori; Mizuguchi, Yasuhiko; Kyo, Masanori; Saruhashi, Tomokazu; Sawada, Ikuo; Namba, Yasuhiro; Kinoshita, Masataka	Field Experimental Study on Vortex-Induced Vibration Behavior of the Drill Pipe for the Ocean Borehole Observatory Installation	IEEE JOURNAL OF OCEANIC ENGINEERING	0	2013
Provin, Christophe; Fukuba, Tatsuhiro; Okamura, Kei; Fujii, Teruo	An Integrated Microfluidic System for Manganese Anomaly Detection Based on Chemiluminescence: Description and Practical Use to Discover Hydrothermal Plumes Near the Okinawa Trough	IEEE JOURNAL OF OCEANIC ENGINEERING	8	2013
Mosca, Frederic; Matte, Guillaume; Shimura, Takuya	Low-frequency source for very long-range underwater communication	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	3	2013
Asakawa, Kenichi; Hyakudome, Tadahiro; Yoshida, Masao; Okubo, Naoyuki; Ito, Makoto;	Ceramic Pressure-Tight Housings for Ocean-Bottom Seismometers Applicable to 11-km	IEEE JOURNAL OF OCEANIC ENGINEERING	3	2012

作者	题目	刊名	被引 次数	发表年份
Terada, Ikumasa	Water Depth			
Waseda, Takuji; Tamura, Hitoshi; Kinoshita, Takeshi	Freakish sea index and sea states during ship accidents	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	5	2012
Lindsay, Dhugal J.; Yoshida, Hiroshi; Uemura, Takayuki; Yamamoto, Hiroyuki; Ishibashi, Shojiro; Nishikawa, Jun; Reimer, James D.; Beaman, Robin J.; Fitzpatrick, Richard; Fujikura, Katsunori; Maruyama, Tadashi	The Untethered Remotely Operated Vehicle PICASSO-1 and Its Deployment From Chartered Dive Vessels for Deep Sea Surveys Off Okinawa, Japan, and Osprey Reef, Coral Sea, Australia	MARINE TECHNOLOGY SOCIETY JOURNAL	6	2012
Shimura, T.; Watanabe, Y.; Ochi, H.; Song, H. C.	Long-range time reversal communication in deep water: Experimental results	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	8	2012
Yokobiki, Takashi; Iwase, Ryoichi; Momma, Hiroyasu	Underwater Repair Method for Ocean Observatory Cables JAMSTEC Deploys ROV to Repair Shunt Fault Without Using Replacement Cable or Cable Ship	SEA TECHNOLOGY	0	2012
Danioux, E.; Vanneste, J.; Klein, P.; Sasaki, H.	Spontaneous inertia-gravity-wave generation by surface-intensified turbulence	JOURNAL OF FLUID MECHANICS	18	2012
Shinmoto, Y.; Miyazaki, E.; Wada, K.; Yamao, M.	Development of a Continuous Directional Coring System for Deep-Sea Drilling	SPE DRILLING & COMPLETION	1	2012
Midorikawa, Kazunori; Washio, Yukihisa	JAMSTEC Assists Research by Developing, Operating Vessels and Robotic Vehicles	SEA TECHNOLOGY	0	2012
Thadathil, Pankajakshan; Bajish, C. C.; Behera, Swadhin; Gopalakrishna, V. V.	Drift in Salinity Data from Argo Profiling Floats in the Sea of Japan	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	3	2012
Choi, Jin-Kyu; Shiraishi, Tetsuya; Tanaka,	Safe operation of an autonomous underwater	AUTOMATION IN	2	2011

作者	题目	刊名	被引 次数	发表年份
Toshinari; Kondo, Hayato	towed vehicle: Towed force monitoring and control	CONSTRUCTION		
Prior, Mark K.; Meless, Oscar; Bittner, Paulina; Sugioka, Hiroko	Long-Range Detection and Location of Shallow Underwater Explosions Using Deep-Sound-Channel Hydrophones	IEEE JOURNAL OF OCEANIC ENGINEERING	4	2011
Uchida, Hiroshi; Shimada, Koji; Kawano, Takeshi	A Method for Data Processing to Obtain High-Quality XCTD Data	JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY	1	2011
Ochi, Hiroshi; Watanabe, Yoshitaka; Shimura, Takuya	Wideband Acoustic Communication For Short Ranges, Deep Waters, High Speeds	SEA TECHNOLOGY	0	2011
Hyakudome, Tadahiro	Design of Autonomous Underwater Vehicle	INTERNATIONAL JOURNAL OF ADVANCED ROBOTIC SYSTEMS	1	2011
Chiba, Seiki; Waki, Mikio; Sawa, T.; Yoshida, Hiroshi; Kornbluh, Roy; Pelrine, Ron	Electroactive Polymer "Artificial Muscle" Operable in Ultra-High Hydrostatic Pressure Environment	IEEE SENSORS JOURNAL	1	2011
Rao, R. R.; Girishkumar, M. S.; Ravichandran, M.; Gopalakrishna, V. V.; Thadathil, P.	Do cold, low salinity waters pass through the Indo-Sri Lanka Channel during winter?	INTERNATIONAL JOURNAL OF REMOTE SENSING	4	2011
Kawai, Yoshimi; Wada, Akiyoshi	Detection of cyclone-induced rapid increases in chlorophyll-a with sea surface cooling in the northwestern Pacific Ocean from a MODIS/SeaWiFS merged satellite chlorophyll product	INTERNATIONAL JOURNAL OF REMOTE SENSING	4	2011
Tsukioka, Satoshi	Tribology in Hatch Cover of Deep Submersible "SHINKAI 6500"	JOURNAL OF JAPANESE SOCIETY OF TRIBOLOGISTS	0	2011

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作者	题目	刊名	被引次数	发表年份
Chen, Jun; Shen, Shui-Long; Yin, Zhen-Yu; Xu, Ye-Shuang; Horpibulsuk, Suksun	Evaluation of Effective Depth of PVD Improvement in Soft Clay Deposit: A Field Case Study	MARINE GEORESOURCES & GEOTECHNOLOGY	1	2016
Zhou, Yin-Ning; Li, Jin-Jin; Luo, Zheng-Hong	Toward Efficient Water/Oil Separation Material: Effect of Copolymer Composition on pH-Responsive Wettability and Separation Performance	AICHE JOURNAL	0	2016
Li, J. H.; Zhou, Y.; Zhang, L. L.; Tian, Y.; Cassidy, M. J.; Zhang, L. M.	Random finite element method for spudcan foundations in spatially variable soils	ENGINEERING GEOLOGY	0	2016
Liu, B.; Jeng, D. -S.	Laboratory Study for Influence of Clay Content (CC) on Wave-Induced Liquefaction in Marine Sediments	MARINE GEORESOURCES & GEOTECHNOLOGY	0	2016
Liang, Dongfang; Zhang, Jingxin; Li, Tiejian; Xiao, Yang	Refined seaward boundary conditions for modelling shallow water waves in semi-enclosed water bodies	APPLIED OCEAN RESEARCH	0	2016
Wang, Yingguang	Nonlinear crest distribution for shallow water Stokes waves	APPLIED OCEAN RESEARCH	0	2016
Shen Zhi-rong; Wan De-cheng	An irregular wave generating approach based on naoe-FOAM-SJTU solver	CHINA OCEAN ENGINEERING	1	2016
Wang Hong-zhi; Zou Zao-jian	Numerical prediction of hydrodynamic forces on a	CHINA OCEAN ENGINEERING	0	2016



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	berthed ship induced by a passing ship in different waterway geometries			
Hu Zhi-qiang; Liu Yi; Wang Jin	An integrated structural strength analysis method for Spar type floating wind turbine	CHINA OCEAN ENGINEERING	0	2016
Ren Shao-fei; Xue Hong-xiang; Tang Wen-yong	Analytical and numerical models to predict the behavior of unbonded flexible risers under torsion	CHINA OCEAN ENGINEERING	0	2016
Wang, Kun; He, Jin; Shu, Ting; Liu, Zhong	Joint angle and delay estimation for underwater acoustic multicarrier CDMA systems using a vector sensor	IET RADAR SONAR AND NAVIGATION	0	2016
Li, Zhi-Min; Yang, De-Qing	Thermal postbuckling analysis of anisotropic laminated beams with tubular cross-section based on higher-order theory	OCEAN ENGINEERING	0	2016
Xiong, Xiaojun; Lin, Wensheng; Gu, Anzhong	Design and optimization of offshore natural gas liquefaction processes adopting PLNG (pressurized liquefied natural gas) technology	JOURNAL OF NATURAL GAS SCIENCE AND ENGINEERING	0	2016
Lv Yuting; Wang Liqiang; Mao Jianwei; Lu Weijie	Recent Advances of Nickel-Aluminum Bronze (NAB)	RARE METAL MATERIALS AND ENGINEERING	0	2016
Wang, Huan-huan; Jin, Xian-long	Dynamic analysis of maritime gasbag-type floating bridge subjected to moving loads	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	0	2016
Wang, Meng; Wang, Xuyang; Sun, Yuanhong; Gu, Zhimin	Tractive performance evaluation of seafloor tracked trencher based on laboratory mechanical measurements	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	0	2016
Guo, Zhiqun; Ma, Qingwei; Hu, Xiaofeng	Seakeeping Analysis of a Wave-Piercing	INTERNATIONAL JOURNAL OF	0	2016

作者	题目	刊名	被引 次数	发表年份
	Catamaran Using URANS-Based Method	OFFSHORE AND POLAR ENGINEERING		
Chen, Xi; Zhu, Renchuan; Ma, Chao; Fan, Ju	Computations of linear and nonlinear ship waves by higher-order boundary element method	OCEAN ENGINEERING	0	2016
Xiao, Longfei; Lu, Haining; Li, Xin; Tao, Longbin	Probability Analysis of Wave Run-Ups and Air Gap Response of a Deepwater Semisubmersible Platform Using LH-Moments Estimation Method	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2016
Zhang, Wei; Zou, Zaojian	Time domain simulations of the wave-induced motions of ships in maneuvering condition	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2016
Ma, Leixin; Hu, Ke; Fu, Shixiao; Moan, Torgeir; Lit, Runpei	A Hybrid Empirical-Numerical Method for Hydroelastic Analysis of a Floater-and-Net System	JOURNAL OF SHIP RESEARCH	0	2016
Liu, Jun; Wang, Zhaohui; Cui, Jun-Hong; Zhou, Shengli; Yang, Bo	A Joint Time Synchronization and Localization Design for Mobile Underwater Sensor Networks	IEEE TRANSACTIONS ON MOBILE COMPUTING	0	2016
Hu Zhi-qiang; Li Liang; Wang Jin; Hu Qiu-hao; Shen Ma-cheng	Dynamic responses of a semi-type offshore floating wind turbine during normal state and emergency shutdown	CHINA OCEAN ENGINEERING	0	2016
Hu Zhe; Tang Wen-yong; Xue Hong-xiang; Zhang Xiao-ying	Numerical wave tank based on a conserved wave-absorbing method	CHINA OCEAN ENGINEERING	0	2016
Deng, Qingpeng; Jiang, Weikang; Tan, Mingyi; Xing, Jing Tang	Modeling of offshore pile driving noise using a semi-analytical variational formulation	APPLIED ACOUSTICS	0	2016
Gao, Yun; Fu, Shixiao; Ma, Leixin; Chen, Yifan	Experimental investigation of the response performance of VIV on a flexible riser with helical strakes	SHIPS AND OFFSHORE STRUCTURES	1	2016
Liu, Yuanchuan; Xiao, Qing; Incecik, Atilla;	Investigation of the effects of platform motion on	JOURNAL OF	0	2016

作者	题目	刊名	被引 次数	发表年份
Wan, De-cheng	the aerodynamics of a floating offshore wind turbine	HYDRODYNAMICS		
Hou, Xian-Rui; Zou, Zao-Jian	Parameter identification of nonlinear roll motion equation for floating structures in irregular waves	APPLIED OCEAN RESEARCH	0	2016
Zhao, H. -Y.; Jeng, D. -S.; Liao, C. C.	Parametric study of the wave-induced residual liquefaction around an embedded pipeline	APPLIED OCEAN RESEARCH	1	2016
Ma, Chao; Zhu, Yi; Wu, Huiyu; He, Jiayi; Zhang, Chenliang; Li, Wei; Noblesse, Francis	Wavelengths of the highest waves created by fast monohull ships or catamarans	OCEAN ENGINEERING	0	2016
Yu, Liwei; Ma, Ning; Gu, Xiechong	Early detection of parametric roll by application of the incremental real-time Hilbert-Huang Transform	OCEAN ENGINEERING	0	2016
Yan, Xiaoshun; Huang, Xiaoping; Huang, Yingcai; Cui, Weicheng	Prediction of fatigue crack growth in a ship detail under wave-induced loading	OCEAN ENGINEERING	0	2016
Lu, Wenyue; Yang, Jianmin; Tao, Longbin	Numerical study of the energy structure of super rogue waves	OCEAN ENGINEERING	0	2016
Lin, Zaibin; Guo, Yakun; Jeng, Dong-sheng; Liao, Chencong; Rey, Nick	An integrated numerical model for wave-soil-pipeline interactions	COASTAL ENGINEERING	1	2016
Shao, Chendong; Lu, Fenggui; Li, Zhuguo; Cai, Yan; Wang, Peng; Ding, Yuming	Role of stress in the high cycle fatigue behavior of advanced 9Cr/CrMoV dissimilarly welded joint	JOURNAL OF MATERIALS RESEARCH	0	2016
Deng, Xionglin; Lu, Fenggui; Cui, Haichao; Tang, Xinhua; Li, Zhuguo	Microstructure correlation and fatigue crack growth behavior in dissimilar 9Cr/CrMoV welded joint	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	0	2016

作者	题目	刊名	被引 次数	发表年份
Zeng, Jia; Hu, Zhiqiang; Chen, Gang	A steady-state plate tearing model for ship grounding over a cone-shaped rock	SHIPS AND OFFSHORE STRUCTURES	1	2016
Yang, Tingting; Feng, Hailong; Yang, Chengming; Sun, Zhonghua; Yang, Jiadong; Sun, Fan; Deng, Ruilong; Su, Zhou	Cooperative Networking towards Maritime Cyber Physical Systems	INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS	0	2016
Mao, Huan; Yang, Hezhen	Parametric pitch instability investigation of Deep Draft Semi-submersible platform in irregular waves	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	0	2016
Zhao, Yanbing; Liu, Haixiao	Numerical implementation of the installation/mooring line and application to analyzing comprehensive anchor behaviors	APPLIED OCEAN RESEARCH	0	2016
Zhang, L. L.; Cheng, Y.; Li, J. H.; Zhou, X. L.; Jeng, D. S.; Peng, X. Y.	Wave-induced oscillatory response in a randomly heterogeneous porous seabed	OCEAN ENGINEERING	0	2016
Xiao, Longfei; Kou, Yufeng; Tao, Longbin; Yang, Lijun	Comparative study of hydrodynamic performances of breakwaters with double-layered perforated walls attached to ring-shaped very large floating structures	OCEAN ENGINEERING	0	2016
Hu, Zhihuan; Li, Xin; Li, Jun; Yang, J. M.	Comparative study on a jacket launching operation in South China Sea	OCEAN ENGINEERING	0	2016
Xiong, Xiaojun; Lin, Wensheng; Gu, Anzhong	Integration of CO <sub>2</sub> cryogenic removal with a natural gas pressurized liquefaction process using gas expansion refrigeration	ENERGY	1	2015
Shen, Shui-Long; Wang, Jun-Peng; Wu, Huai-Na; Xu, Ye-Shuang; Ye, Guan-Lin;	Evaluation of hydraulic conductivity for both marine and deltaic deposits based on piezocone	OCEAN ENGINEERING	5	2015

作者	题目	刊名	被引次数	发表年份
Yin, Zhen-Yu	testing			
Liang, Xiao Feng; Chen, Lu Yun; Yi, Hong; Li, Dan	Integrated allocation of warship reliability and maintainability based on top-level parameters	OCEAN ENGINEERING	0	2015
Chen, Haibo; An, Wei; You, Yunxiang; Lei, Fanghui; Zhao, Yupeng; Li, Jianwei	Numerical study of underwater fate of oil spilled from deepwater blowout	OCEAN ENGINEERING	0	2015
Zeng, Zheng; Lian, Lian; Sammut, Karl; He, Fangpo; Tang, Youhong; Lammas, Andrew	A survey on path planning for persistent autonomy of autonomous underwater vehicles	OCEAN ENGINEERING	0	2015
Zhang, Mengmeng; Chen, Xiqia; Fu, Shixiao; Guo, Yousong; Ma, Leixin	Theoretical and numerical analysis of bending behavior of unbonded flexible risers	MARINE STRUCTURES	0	2015
Yang, Hezhen; Zhu, Yun	Robust design optimization of supporting structure of offshore wind turbine	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	1	2015
Zou, Chang-Fang; Wang, De-Yu; Cai, Zhong-Hua; Li, Zhe	The effect of liquid viscosity on sloshing characteristics	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2015
Liu, Haixiao; Lian, Yushun; Li, Linan; Zhang, Yuming	Experimental Investigation on Dynamic Stiffness of Damaged Synthetic Fiber Ropes for Deepwater Moorings	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2015
Yang, Rui; Clement, Benoit; Mansour, Ali; Li, Ming; Wu, Nailong	Modeling of a Complex-Shaped Underwater Vehicle for Robust Control Scheme	JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS	0	2015
Zhao, Yanbing; Liu, Haixiao	The drag effects on the penetration behavior of drag anchors during installation	OCEAN ENGINEERING	0	2015
Huang, Wei; Liu, Haixiao; Lian, Yushun; Li, Linan	Modeling nonlinear time-dependent behaviors of synthetic fiber ropes under cyclic loading	OCEAN ENGINEERING	0	2015
He, Tao; Zhang, Kai	Combined interface boundary condition method for	OCEAN ENGINEERING	0	2015

作者	题目	刊名	被引次数	发表年份
	fluid-structure interaction: Some improvements and extensions			
Wang, Jungao; Fu, Shixiao; Baarholm, Rolf; Wu, Jie; Larsen, Carl Martin	Out-of-plane vortex-induced vibration of a steel catenary riser caused by vessel motions	OCEAN ENGINEERING	0	2015
Hou, Xian-Rui; Zou, Zao-Jian	SVR-based identification of nonlinear roll motion equation for FPSOs in regular waves	OCEAN ENGINEERING	0	2015
Wang, Yingguang	Robust frequency-domain identification of parametric radiation force models for a floating wind turbine	OCEAN ENGINEERING	0	2015
Dai, Lei; Hu, Hao; Chen, Feier	A GA-based heuristic approach for offshore structure construction spatial scheduling under uncertainty	SHIPS AND OFFSHORE STRUCTURES	0	2015
Wu, Huai-Na; Shen, Shui-Long; Ma, Lei; Yin, Zhen-Yu; Horpibulsuk, Suksun	Evaluation of the Strength Increase of Marine Clay under Staged Embankment Loading: A Case Study	MARINE GEORESOURCES & GEOTECHNOLOGY	8	2015
Li, Chenyang; Su, Jinpeng; Wang, Jian; Hua, Hongxing	Effects of symmetrical foundation on sound radiation from a submarine hull structure	JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA	0	2015
Xu, Shengwen; Wang, Lei; Wang, Xuefeng	Local optimization of thruster configuration based on a synthesized positioning capability criterion	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	0	2015
Day, A. H.; Babarit, A.; Fontaine, A.; He, Y. -P.; Kraskowski, M.; Murai, M.; Penesis, I.; Salvatore, F.; Shin, H. -K.	Hydrodynamic modelling of marine renewable energy devices: A state of the art review	OCEAN ENGINEERING	1	2015
Hu, Zhe; Xue, Hongxiang; Tang, Wenyong;	Numerical study of nonlinear Peregrine breather	OCEAN ENGINEERING	0	2015

作者	题目	刊名	被引次数	发表年份
Zhang, Xiaoying	under finite water depth			
Xu, Shengwen; Wang, Xuefeng; Wang, Lei; Meng, Shuai; Li, Bo	A thrust sensitivity analysis based on a synthesized positioning capability criterion in DPCap/DynCap analysis for marine vessels	OCEAN ENGINEERING	1	2015
Shen, Zhirong; Wan, Decheng; Carrica, Pablo M.	Dynamic overset grids in OpenFOAM with application to KCS self-propulsion and maneuvering	OCEAN ENGINEERING	2	2015
Xu, Xuesong; Zou, Zaojian	Robust dynamics calculation for underwater Moving Slender Bodies via Flexible Segment Model based optimization	OCEAN ENGINEERING	0	2015
Yuan, Zhi-Ming; Incecik, Atilla; Dai, Saishuai; Alexander, Day; Ji, Chun-Yan; Zhang, Xinshu	Hydrodynamic interactions between two ships travelling or stationary in shallow waters	OCEAN ENGINEERING	0	2015
Tang, Tiantian; Li, Kan; Shen, Zhemin; Sun, Tonghua; Wang, Yalin; Jia, Jinping	An appealing photo-powered multi-functional energy system for the poly-generation of hydrogen and electricity	JOURNAL OF POWER SOURCES	3	2015
Qu, Yegao; Hua, Hongxing; Meng, Guang	Vibro-acoustic analysis of coupled spherical-cylindrical-spherical shells stiffened by ring and stringer reinforcements	JOURNAL OF SOUND AND VIBRATION	2	2015
Li Shan-shan; Cui Wei-cheng	Generation and application of a standardized load-time history to tubular T-joints in offshore platforms	CHINA OCEAN ENGINEERING	0	2015
Gao Yun; Fu Shi-xiao; Cao Jing; Chen Yi-fan	Experimental study on response performance of VIV of a flexible riser with helical strakes	CHINA OCEAN ENGINEERING	1	2015

作者	题目	刊名	被引次数	发表年份
Yu Long; Druckenbrod, Markus; Greve, Martin; Wang Ke-qi; Abdel-Maksoud, Moustafa	Numerical and experimental analysis of a ducted propeller designed by a fully automated optimization process under open water condition	CHINA OCEAN ENGINEERING	0	2015
Liu, B.; Jeng, D. -S.; Ye, G. L.; Yang, B.	Laboratory study for pore pressures in sandy deposit under wave loading	OCEAN ENGINEERING	1	2015
Chen, Zhen; Chen, Zhechao; Sheno, R. Ajit	Influence of welding sequence on welding deformation and residual stress of a stiffened plate structure	OCEAN ENGINEERING	1	2015
Li, Jin-Jin; Zhou, Yin-Ning; Luo, Zheng-Hong	Smart Fiber Membrane for pH-Induced Oil/Water Separation	ACS APPLIED MATERIALS & INTERFACES	7	2015
Liu, Mingyue; Xiao, Longfei; Yang, Lijun	Experimental investigation of flow characteristics around four square-cylinder arrays at subcritical Reynolds numbers	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	0	2015
Viola, Ignazio Maria; Sacher, Matthieu; Xu, Jinsong; Wang, Fei	A numerical method for the design of ships with wind-assisted propulsion	OCEAN ENGINEERING	0	2015
Deng, Yanfei; Yang, Jianming; Zhao, Wenhua; Xiao, Longfei; Li, Xin	An efficient focusing model of freak wave generation considering wave reflection effects	OCEAN ENGINEERING	0	2015
Liu, Mingyang; Liu, Haixiao; Zhang, Ri	Numerical analyses of the solid particle erosion in elbows for annular flow	OCEAN ENGINEERING	2	2015
Jiang, Wuyang; Pei, Ling; Xu, Changqing; Chen, Liang; Yu, Wenxian	Two-stage Localisation Scheme Using a Small-scale Linear Microphone Array for Indoor Environments	JOURNAL OF NAVIGATION	0	2015
Xue Hongxiang; Wang Kunpeng; Tang Wenyong	A practical approach to predicting cross-flow and in-line VIV response for deepwater risers	APPLIED OCEAN RESEARCH	0	2015



作者	题目	刊名	被引次数	发表年份
Gao, Yun; Fu, Shixiao; Ren, Tie; Xiong, Youming; Song, Leijian	VIV response of a long flexible riser fitted with strakes in uniform and linearly sheared currents	APPLIED OCEAN RESEARCH	0	2015
Cao Jian; Zhuang Jiayuan; Xu Feng; Yin Jianchuan; Zou Zaojian; Yu Hao; Xiao Tao; Yang Luchun	Parametric estimation of ship maneuvering motion with integral sample structure for identification	APPLIED OCEAN RESEARCH	0	2015
Yu, Long; Li, Yao; Xia, Lijuan; Ding, Jinhong; Yang, Qi	Research on mechanics of ship-launching airbags I-Material constitutive relations by numerical and experimental approaches	APPLIED OCEAN RESEARCH	0	2015
Lian, Yushun; Liu, Haixiao; Huang, Wei; Li, Linan	A creep-rupture model of synthetic fiber ropes for deepwater moorings based on thermodynamics	APPLIED OCEAN RESEARCH	0	2015
Zhang, Xiantao; Yang, Jianmin	Power capture performance of an oscillating-body WEC with nonlinear snap through PTO systems in irregular waves	APPLIED OCEAN RESEARCH	2	2015
Hu, Zhe; Xue, Hongxiang; Tang, Wenyong; Zhang, Xiaoying	A combined wave-dam-breaking model for rogue wave overtopping	OCEAN ENGINEERING	0	2015
Zhang, Minxi; Zhu, Xiwen; Yu, Guoliang; Yan, Jianming; Wang, Xianben; Chen, Menglin; Wang, Weiming	Permeability of muddy clay and settlement simulation	OCEAN ENGINEERING	0	2015
Liao, C. C.; Zhao, H.; Jeng, D. -S.	Porosity-Elasto-Plastic Model for the Wave-Induced Liquefaction	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	3	2015
Yang, Guangxin; Zhuang, Huisheng; Chen, Hanyu; Ping, Xianyin; Bu, Dan	A gold nanoparticle based immunosorbent bio-barcode assay combined with real-time	SENSORS AND ACTUATORS B-CHEMICAL	2	2015

作者	题目	刊名	被引 次数	发表年份
	immuno-PCR for the detection of polychlorinated biphenyls			
Gao, Yun; Fu, Shixiao; Wang, Jungao; Song, Leijian; Chen, Yifan	Experimental study of the effects of surface roughness on the vortex-induced vibration response of a flexible cylinder	OCEAN ENGINEERING	0	2015
Zou, Chang-Fang; Wang, De-Yu; Cai, Zhong-Hua	Effects of boundary layer and liquid viscosity and compressible air on sloshing characteristics	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	1	2015
Gao, Yan; Hu, Zhiqiang; Ringsberg, Jonas W.; Wang, Jin	An elastic-plastic ice material model for ship-iceberg collision simulations	OCEAN ENGINEERING	0	2015
An, Fen; Hu, Hao; Xie, Chi	Service network design in inland waterway liner transportation with empty container repositioning	EUROPEAN TRANSPORT RESEARCH REVIEW	0	2015
Wang Xue-gang; Zou Zao-jian; Yu Long; Cai Wei	System identification modeling of ship manoeuvring motion in 4 degrees of freedom based on support vector machines	CHINA OCEAN ENGINEERING	0	2015
Gu Jia-yang; Zhu Xin-yao; Yang Jian-min; Lu Yan-xiang; Xiao Long-fei	Numerical study on the 3-D complex characteristics of flow around the hull structure of TLP	CHINA OCEAN ENGINEERING	0	2015
Cui Jin-ju; Wang De-yu; Shi Qi-qi	Structural topology design of container ship based on knowledge-based engineering and level set method	CHINA OCEAN ENGINEERING	0	2015
Zhao Min; Cui Wei-cheng; Li Xiang	Multidisciplinary design optimization of a human occupied vehicle based on Bi-Level integrated system collaborative optimization	CHINA OCEAN ENGINEERING	0	2015
Zhou, Xiang-Lian; Zhang, Jun; Guo, Jun-Jie;	Cnoidal wave induced seabed response around a	OCEAN ENGINEERING	0	2015

作者	题目	刊名	被引次数	发表年份
Wang, Jian-Hua; Jeng, Dong-Sheng Zou, Wang; Liu, Hua	buried pipeline Control of the ventilated supercavity on the maneuvering trajectory	OCEAN ENGINEERING	0	2015
Liu, Cheng; Sun, Jing; Zou, Zaojian	Integrated Line of Sight and Model Predictive Control for Path Following and Roll Motion Control Using Rudder	JOURNAL OF SHIP RESEARCH	0	2015
Xu, Shengwen; Wang, Xuefeng; Wang, Lei; Meng, Shuai	Applying the Bisection Search Method to Search the Maximum Environmental Conditions in DPCap Analysis for Marine Vessels	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	1	2015
He, Wei; Castiglione, Teresa; Kandasamy, Manivannan; Stern, Frederick	Numerical analysis of the interference effects on resistance, sinkage and trim of a fast catamaran	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	1	2015
Liu, Cheng; Zou, Zaojian; Yin, Jianchuan	Trajectory tracking of underactuated surface vessels based on neural network and hierarchical sliding mode	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	0	2015
Yin Jian-Chuan; Zou Zao-Jian; Xu Feng	Parametric Identification of Abkowitz Model for Ship Maneuvering Motion by Using Partial Least Squares Regression	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2015
Yang, Hezhen; Zhu, Yun; Lu, Qijin; Zhang, Jun	Dynamic reliability based design optimization of the tripod sub-structure of offshore wind turbines	RENEWABLE ENERGY	3	2015
Hu, Zhe; Tang, Wenyong; Xue, Hongxiang; Zhang, Xiaoying; Guo, Jinting	Numerical simulations using conserved wave absorption applied to Navier-Stokes equation model	COASTAL ENGINEERING	2	2015
Zhang, Zhen-Hua; Chen, Yong; Hua, Hong-Xing; Wang, Yu	Underwater explosion research on ship with polymer hull coating	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL	0	2015

作者	题目	刊名	被引 次数	发表年份
		ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT		
Yang, Hezhen; Xu, Peiji	Effect of hull geometry on parametric resonances of spar in irregular waves	OCEAN ENGINEERING	2	2015
Liu, Kun; Wang, Zili; Tang, Wenyong; Zhang, Yanchang; Wang, Ge	Experimental and numerical analysis of laterally impacted stiffened plates considering the effect of strain rate	OCEAN ENGINEERING	2	2015
Xiao, Longfei; Yang, Jianmin; Tao, Longbin; Li, Xin	Shallow water effects on high order statistics and probability distributions of wave run-ups along FPSO broadside	MARINE STRUCTURES	0	2015
Wang, Kunpeng; Tang, Wenyong; Xue, Hongxiang	Time domain approach for coupled cross-flow and in-line VIV induced fatigue damage of steel catenary riser at touchdown zone	MARINE STRUCTURES	0	2015
Sun, Bin; Hu, Zhiqiang; Wang, Ge	An analytical method for predicting the ship side structure response in raked bow collisions	MARINE STRUCTURES	1	2015
Xu Xin; Yang Jian-min; Li Xin; Xu Liang-yu	Time-domain simulation for coupled motions of three barges moored side-by-side in floatover operation	CHINA OCEAN ENGINEERING	0	2015
Cao Hong-jian; Wan De-cheng	RANS-VOF solver for solitary wave run-up on a circular cylinder	CHINA OCEAN ENGINEERING	4	2015
Li, Kai; Lu, Fenggui; Cui, Haichao; Li, Xibin; Tang, Xinhua; Li, Zhuguo	Investigation on the effects of shielding gas on porosity in fiber laser welding of T-joint steels	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	1	2015

作者	题目	刊名	被引次数	发表年份
Wang, Belong; Guo, Xiaoyu; Mei, Chiang C.	Surface water waves over a shallow canopy	JOURNAL OF FLUID MECHANICS	0	2015
Xiong, Lingzhi; Lu, Haining; Yang, Jianmin; Zhao, Wenhua	Motion responses of a moored barge in shallow water	OCEAN ENGINEERING	1	2015
Xie, Zhi-Tian; Yang, Jian-Min; Hu, Zhi-Qiang; Zhao, Wen-Hua; Zhao, Jing-Rui	The horizontal stability of an FLNG with different turret locations	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	0	2015
Han, Zhaolong; Zhou, Dai; He, Tao; Tu, Jiahuang; Li, Chunxiang; Kwok, Kenny C. S.; Fang, Congqi	Flow-induced vibrations of four circular cylinders with square arrangement at low Reynolds numbers	OCEAN ENGINEERING	4	2015
Qian, Peng; Yi, Hong; Li, Yinghui	Numerical and experimental studies on hydrodynamic performance of a small-waterplane-area-twin-hull (SWATH) vehicle with inclined struts	OCEAN ENGINEERING	1	2015
Lu, Qing-Chang; Peng, Zhong-Ren; Zhang, Junyi	Identification and Prioritization of Critical Transportation Infrastructure: Case Study of Coastal Flooding	JOURNAL OF TRANSPORTATION ENGINEERING	0	2015
Liu Chang-qing; Che Chi-dong; Shen Xiao-han	Experimental and numerical study on vibration of the full-revolving propulsion ship stern	CHINA OCEAN ENGINEERING	0	2015
Xiao, Feng; Chen, Yong; Hua, Hongxing; Zhu, Dawei	Experimental and numerical investigation on the shock resistance of honeycomb rubber coatings subjected to underwater explosion	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT	0	2015

作者	题目	刊名	被引次数	发表年份
Chen, Yong; Chen, Feng; Du, Zhi-peng; Wang, Yu; Hua, Hong-xing	Mitigating performance of elastic graded polymer foam coating subjected to underwater shock	COMPOSITES PART B-ENGINEERING	2	2015
Wang, X. K.; Zhang, J. -X.; Hao, Z.; Zhou, B.; Tan, S. K.	Influence of wall proximity on flow around two tandem circular cylinders	OCEAN ENGINEERING	0	2015
Wang, Lei; Guo, Ting; Lu, Qiang; Yan, Xiaolong; Zhong, Daixing; Zhang, Zhipei; Ni, Yunfeng; Han, Yong; Cui, Daxiang; Li, Xiaofei; Huang, Lijun	Sea-Urchin-Like Au Nanocluster with Surface-Enhanced Raman Scattering in Detecting Epidermal Growth Factor Receptor (EGFR) Mutation Status of Malignant Pleural Effusion	ACS APPLIED MATERIALS & INTERFACES	3	2015
Du, Jiaqing; Du, Shouji; Shen, Shuilong; Yin, Zhenyu	NUMERICAL INVESTIGATION OF THE UNDRAINED COMPRESSION AND PULL-OUT CAPACITY OF SUCTION FOUNDATIONS IN CLAY	POLISH MARITIME RESEARCH	0	2015
Shi, Yu; Yan, Guozheng; Zhu, Bingquan; Liu, Gang	A portable wireless power transmission system for video capsule endoscopes	BIO-MEDICAL MATERIALS AND ENGINEERING	0	2015
Zhang, Wenzheng; Jiang, Weikang	An Improved Shock Factor to Evaluate the Shock Environment of Small-Sized Structures Subjected to Underwater Explosion	SHOCK AND VIBRATION	0	2015
Shi, Yifan; Hu, Hao; Jiang, Fangrong	Application of Minimum-Cost Flow Problem for Shuttle Tanker Transportation Planning	TRANSPORTATION RESEARCH RECORD	0	2015
Shen, Y. -Q.; Wu, Y. -Q.; Shi, S. -H.	Reserve Assessment and Potential Exploitation of Tidal Energy in Shanghai's Sea Area of China	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	0	2015
Wang, Jungao; Fu, Shixiao; Baarholm, Rolf;	Fatigue damage induced by vortex-induced	MARINE STRUCTURES	3	2015

作者	题目	刊名	被引次数	发表年份
Wu, Jie; Larsen, Carl Martin	vibrations in oscillatory flow			
Yu, Zhaolong; Hu, Zhiqiang; Wang, Ge	Plastic mechanism analysis of structural performances for stiffeners on bottom longitudinal web girders during a shoal grounding accident	MARINE STRUCTURES	4	2015
Chen, Yong; Chen, Feng; Du, Zhi Peng; Wang, Yu; Zhao, Peng Duo; Hua, Hong Xing	Protective effect of polymer coating on the circular steel plate response to near-field underwater explosions	MARINE STRUCTURES	1	2015
Chen, Ying; Lu, Chuanjing; Chen, Xin; Cao, Jiayi	Numerical investigation on the cavitation collapse regime around the submerged vehicles navigating with deceleration	EUROPEAN JOURNAL OF MECHANICS B-FLUIDS	3	2015
Wang, Hong-Zhi; Zou, Zao-Jian	Numerical Prediction of the Hydrodynamic Forces on a Post-Panamax Vessel in the Third Set of Panama Locks	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2015
Wang, Huakun; Si, Feng; Lou, Gengsheng; Yang, Wenyu; Yu, Guoliang	Hydrodynamic Characteristics of a Suspended Curtain for Sediment Trapping	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	1	2015
Liu, Z.; Xu, D. L.; Li, J.; Peng, T.; Alsaedi, A.; Liao, S. J.	On the existence of steady-state resonant waves in experiments	JOURNAL OF FLUID MECHANICS	2	2015
Jing, Shuai; Zhan, Xingqun; Lu, Jun; Feng, Shaojun; Ochieng, Washington Y.	Characterisation of GNSS Space Service Volume	JOURNAL OF NAVIGATION	1	2015
Ren, Qiang; Zou, Tianxia; Li, Dayong; Tang, Ding; Peng, Yinghong	Numerical study on the X80 UOE pipe forming process	JOURNAL OF MATERIALS PROCESSING TECHNOLOGY	2	2015
Ma Yu; Hu Zhi-qiang; Xiao Long-fei	Wind-wave induced dynamic response analysis for motions and mooring loads of a spar-type offshore	JOURNAL OF HYDRODYNAMICS	0	2014

作者	题目	刊名	被引次数	发表年份
	floating wind turbine			
Fang, Sam M.; Niedzwecki, John M.; Fu, Shixiao; Li, Runpei; Yang, Jianmin	VIV response of a flexible cylinder with varied coverage by buoyancy elements and helical strakes	MARINE STRUCTURES	6	2014
Wang, Jungao; Fu, Shixiao; Baarholm, Rolf; Wu, Jie; Larsen, Carl Martin	Fatigue damage of a steel catenary riser from vortex-induced vibration caused by vessel motions	MARINE STRUCTURES	9	2014
Xu Xue-song	Steady-state configuration and tension calculations of marine cables under complex currents via separated particle swarm optimization	CHINA OCEAN ENGINEERING	0	2014
Yang He-zhen; Ding Jin-hong; Li Qing-quan; Li Hua-jun	Multiaxial fatigue analysis on reeled deepwater steel catenary risers with girth weld defects	CHINA OCEAN ENGINEERING	0	2014
Wang, Xue-Gang; Zou, Zao-Jian; Xu, Feng; Ren, Ru-Yi	Sensitivity analysis and parametric identification for ship manoeuvring in 4 degrees of freedom	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	2	2014
Lin, Zhiliang; Tao, Longbin; Pu, Yongchang; Murphy, Alan J.	Fully nonlinear solution of bi-chromatic deep-water waves	OCEAN ENGINEERING	1	2014
Zhang, Hui; Yang, Jianmin; Xiao, Longfei	Damping ratio identification using a continuous wavelet transform to vortex-induced motion of a Truss Spar	SHIPS AND OFFSHORE STRUCTURES	1	2014
Xie, Kai; Fu, Keren; Zhou, Tao; Zhang, Junhao; Yang, Jie; Wu, Qiang	Small target detection based on accumulated center-surround difference measure	INFRARED PHYSICS & TECHNOLOGY	5	2014
Liu, Zhen-Hua; Guan, Hong-Yang; Wang, Guo-Shan	Performance optimization study on an integrated solar desalination system with multi-stage evaporation/heat recovery processes	ENERGY	4	2014
Kong, Linghe; Xia, Mingyuan; Liu, Xiao-Yang; Chen, Guangshuo; Gu, Yu; Wu,	Data Loss and Reconstruction in Wireless Sensor Networks	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED	8	2014



作者	题目	刊名	被引 次数	发表年份
Min-You; Liu, Xue		SYSTEMS		
Feng, Peiyuan; Ma, Ning; Gu, Xiechong	A practical method for predicting the propulsive performance of energy efficient ship with wave devouring hydrofoils at actual seas	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT	0	2014
Wu, Qingjun; Lu, Fenggui; Cui, Haichao; Ding, Yuming; Liu, Xia; Gao, Yulai	Microstructure characteristics and temperature-dependent high cycle fatigue behavior of advanced 9% Cr/CrMoV dissimilarly welded joint	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	6	2014
Guo, Xiaoyu; Wang, Benlong; Mei, Chiang C.	Flow and solute transport through a periodic array of vertical cylinders in shallow water	JOURNAL OF FLUID MECHANICS	1	2014
Zhou, Xiang-Lian; Zhang, Jun; Wang, Jian-Hua; Xu, Yun-Feng; Jeng, Dong-Sheng	Stability and liquefaction analysis of porous seabed subjected to cnoidal wave	APPLIED OCEAN RESEARCH	1	2014
Chen Xin; Lu Chuan-jing; Chen Ying; Cao Jia-yi	A numerical analysis of the influence of the cavitator's deflection angle on flow features for a free moving supercavitated vehicle	JOURNAL OF HYDRODYNAMICS	0	2014
Jiang Ming-jing; Liu Jing-de; Yin Zhen-yu	Consolidation and creep behaviors of two typical marine clays in China	CHINA OCEAN ENGINEERING	0	2014
Luo, Weilin; Soares, Carlos Guedes; Zou, Zaojian	Neural-Network-and L2-Gain-Based Cascaded Control of Underwater Robot Thrust	IEEE JOURNAL OF OCEANIC ENGINEERING	2	2014
Wang, K.; Wang, F.; Cui, W.; Hayat, T.; Ahmad, B.	Prediction of short fatigue crack growth of Ti-6Al-4V	FATIGUE & FRACTURE OF ENGINEERING MATERIALS	2	2014

作者	题目	刊名	被引 次数	发表年份
Xu, Xin; Yang, Jian-Min; Li, Xin; Xu, Liangyu	Hydrodynamic performance study of two side-by-side barges	&STRUCTURES SHIPS AND OFFSHORE STRUCTURES	0	2014
Zhang, Weiwei; Jin, Xianlong; Wang, Jianwei	Numerical analysis of ship-bridge collision's influences on the running safety of moving rail train	SHIPS AND OFFSHORE STRUCTURES	1	2014
Xiao, Longfei; Tao, Longbin; Yang, Jianmin; Li, Xin	An experimental investigation on wave runup along the broadside of a single point moored FPSO exposed to oblique waves	OCEAN ENGINEERING	3	2014
Wang, Hong-Zhi; Zou, Zao-Jian	Numerical study on hydrodynamic interaction between a berthed ship and a ship passing through a lock	OCEAN ENGINEERING	4	2014
Ren, Ru-Yi; Zou, Zao-Jian; Wang, Xue-Gang	A two-time scale control law based on singular perturbations used in rudder roll stabilization of ships	OCEAN ENGINEERING	1	2014
Lou, Yun-Feng; Jin, Xian-Long	NUMERICAL SIMULATION OF SOLITARY WAVE AND DRIFTING OBJECT INTERACTING WITH BREAKWATER USING THE ALE METHOD	COASTAL ENGINEERING JOURNAL	1	2014
Liu, Cheng; Zou, Zao-jian; Hou, Xian-rui	STABILIZATION AND TRACKING OF UNDERACTUATED SURFACE VESSELS IN RANDOM WAVES WITH FIN BASED ON ADAPTIVE HIERARCHICAL SLIDING MODE TECHNIQUE	ASIAN JOURNAL OF CONTROL	4	2014
Xiao, Fei; Yang, He Zhen	Probabilistic assessment of parametric instability of	JOURNAL OF MARINE SCIENCE	1	2014

作者	题目	刊名	被引次数	发表年份
Wang, Yingguang	a top tensioned riser in irregular waves Calculating crest statistics of shallow water nonlinear waves based on standard spectra and measured data at the Poseidon platform	AND TECHNOLOGY OCEAN ENGINEERING	2	2014
Han, Zhaolong; Zhou, Dai; Tu, Jiahuang; Fang, Congqi; He, Tao	Flow over two side-by-side square cylinders by CBS finite element scheme of Spalart-Allmaras model	OCEAN ENGINEERING	7	2014
Gao, Zhenguo; Hu, Zhieliang; Wang, Ge; Jiang, Zhe	An analytical method of predicting the response of FPSO side structures to head-on collision	OCEAN ENGINEERING	1	2014
Ishugah, T. F.; Li, Y.; Wang, R. Z.; Kiplagat, J. K.	Advances in wind energy resource exploitation in urban environment: A review	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	11	2014
Zhao, Wenhua; Yang, Jianmin; Hu, Zhiqiang; Tao, Longbin	Coupled analysis of nonlinear sloshing and ship motions	APPLIED OCEAN RESEARCH	5	2014
Hu, Zhe; Tang, Wenyong; Xue, Hongxiang	A probability-based superposition model of freak wave simulation	APPLIED OCEAN RESEARCH	2	2014
Tang Kai; Zhu Ren-chuan; Miao Guo-ping; Fan Ju	Domain decomposition and matching for time-domain analysis of motions of ships advancing in head sea	CHINA OCEAN ENGINEERING	0	2014
Li, Kevin X.; Yin, Jingbo; Fan, Lixian	Ship safety index	TRANSPORTATION RESEARCH PART A-POLICY AND PRACTICE	2	2014
Bitner-Gregersen, Elzbieta M.; Bhattacharya, Subrata K.; Chatjigeorgiou, Idannis K.; Eames, Ian; Ellermann, Katrin; Ewans,	Recent developments of ocean environmental description with focus on uncertainties	OCEAN ENGINEERING	6	2014

作者	题目	刊名	被引次数	发表年份
Kevin; Hermanski, Greg; Johnson, Michael C.; Ma, Ning; Maisondieu, Christophe; Nilva, Alexander; Rychlik, Igor; Waseda, Takuji				
Qiu, Wei; Sales Junior, Joel; Lee, Dongyeon; Lie, Halvor; Magarovskii, Viacheslav; Mikami, Takashi; Rousset, Jean-Marc; Sphaier, Sergio; Tao, Longbin; Wang, Xuefeng	Uncertainties related to predictions of loads and responses for ocean and offshore structures	OCEAN ENGINEERING	4	2014
Wu, Jie; Wang, Zhi-Xin; Xu, Lie; Wang, Guo-Qiang	Key technologies of VSC-HVDC and its application on offshore wind farm in China	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	7	2014
Chang, Kun-Tan; Jeng, Dong-Sheng	Numerical study for wave-induced seabed response around offshore wind turbine foundation in Donghai offshore wind farm, Shanghai, China	OCEAN ENGINEERING	2	2014
Zhao, Wenhua; Yang, Jianmin; Hu, Zhiqiang; Xiao, Longfei; Tao, Longbin	Hydrodynamics of a 2D vessel including internal sloshing flows	OCEAN ENGINEERING	1	2014
Shen Zhi-rong; Ye Hai-xuan; Wan De-cheng	URANS simulations of ship motion responses in long-crest irregular waves	JOURNAL OF HYDRODYNAMICS	3	2014
Li, Shanshan; Cui, Weicheng	Generation and application of a standardised load-time history to critical ship structural details	SHIPS AND OFFSHORE STRUCTURES	1	2014
Zhao Xi; Liu Hua; Wang Ben-long	Scenarios of local tsunamis in the China Seas by Boussinesq model	CHINA OCEAN ENGINEERING	1	2014
Yang He-zhen; Jiang Hao; Yang Qi	Enhanced multi-layer fatigue-analysis approach for unbonded flexible risers	CHINA OCEAN ENGINEERING	0	2014

作者	题目	刊名	被引次数	发表年份
Yang You-sheng; Xie Ying-chun; Nie Song-lin	Nozzle optimization for water jet propulsion with a positive displacement pump	CHINA OCEAN ENGINEERING	0	2014
Wang Hong-zhi; Zou Zao-jian	Numerical prediction of hydrodynamic forces on a ship passing through a lock	CHINA OCEAN ENGINEERING	0	2014
Wang, Jifei; Wan, Decheng	Parallel Finite Element Method for 3D Lid-driven Cubic Cavity Flows	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0	2014
Wu, Jie; Wang, Zhi-Xin; Wang, Guo-Qiang	The key technologies and development of offshore wind farm in China	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	8	2014
Xue, Hongxiang; Tang, Wenyong; Qu, Xue	Prediction and analysis of fatigue damage due to cross-flow and in-line VIV for marine risers in non-uniform current	OCEAN ENGINEERING	1	2014
Wang, Fang; Cui, Weicheng; Pan, Binbin; Shen, Yunsheng; Huang, Xiaoping	Normalised fatigue and fracture properties of candidate titanium alloys used in the pressure hull of deep manned submersibles	SHIPS AND OFFSHORE STRUCTURES	2	2014
Yang, Hezhen; Xiao, Fei	Instability, analyses of a top-tensioned riser under combined vortex and multi-frequency parametric excitations	OCEAN ENGINEERING	3	2014
Xiao, Feng; Chen, Yong; Hua, Hongxing	Comparative Study of the Shock Resistance of Rubber Protective Coatings Subjected to Underwater Explosion	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2014
Zhao, Wenhua; Yang, Jianmin; Hu, Zhiqiang; Tao, Longbin	Coupling Between Roll Motions of an FLNG Vessel and Internal Sloshing	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC	2	2014

作者	题目	刊名	被引 次数	发表年份
		ENGINEERING-TRANSACTIONS OF THE ASME		
Fu, Shixiao; Xu, Yuwang; Chen, Ying	Seabed Effects on the Hydrodynamics of a Circular Cylinder Undergoing Vortex-Induced Vibration at High Reynolds Number	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2014
Guo, Xiaoyu; Wang, Benlong; Liu, Hua; Miao, Guoping	Numerical Simulation of Two-Dimensional Regular Wave Overtopping Flows over the Crest of a Trapezoidal Smooth Impermeable Sea Dike	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	0	2014
Yin, Jian-Chuan; Zou, Zao-Jian; Xu, Feng; Wang, Ni-Ni	Online ship roll motion prediction based on grey sequential extreme learning machine	NEUROCOMPUTING	6	2014
Li Jun; Chen Gang; Yang Jian-min; Peng Tao	Laboratory research on effective test area of short-crested waves generated by two-sided segmented wavemakers	CHINA OCEAN ENGINEERING	0	2014
Ren Shao-fei; Tang Wen-yong; Guo Jin-ting	Behavior of unbonded flexible risers subject to axial tension	CHINA OCEAN ENGINEERING	2	2014
Liu, Yong; Yi, Hong; Chen, Luyun	Submarine pressure hull butt weld fatigue life reliability prediction method	MARINE STRUCTURES	1	2014
Shen, Hui-Shen; Yang, De-Qing	Nonlinear vibration of anisotropic laminated cylindrical shells with piezoelectric fiber reinforced composite actuators	OCEAN ENGINEERING	3	2014
Zhao, Wenhua; Yang, Jianmin; Hu, Zhiqiang; Tao, Longbin	Prediction of hydrodynamic performance of an FLNG system in side-by-side offloading operation	JOURNAL OF FLUIDS AND STRUCTURES	3	2014
Liu, Zhen-hua; Hu, Ren-Lin; Chen, Xiu-juan	A novel integrated solar desalination system with multi-stage evaporation/heat recovery processes	RENEWABLE ENERGY	7	2014

作者	题目	刊名	被引次数	发表年份
Liang, Dongfang; Xia, Junqiang; Falconer, Roger A.; Zhang, Jingxin	ON THE REFINEMENT OF A BOUNDARY-FITTED SHALLOW WATER MODEL	COASTAL ENGINEERING JOURNAL	1	2014
Liang, Dongfang; Xia, Junqiang; Falconer, Roger A.; Zhang, Jingxin	STUDY ON TIDAL RESONANCE IN SEVERN ESTUARY AND BRISTOL CHANNEL	COASTAL ENGINEERING JOURNAL	0	2014
Fu, Shixiao; Xu, Yuwang; Hu, Ke; Zhong, Qian; Li, Runpei	Experimental Investigation on Hydrodynamics of a Fish Cage Floater-net System in Oscillatory and Steady Flows by Forced Oscillation Tests	JOURNAL OF SHIP RESEARCH	2	2014
Castiglione, Teresa; He, Wei; Stern, Frederick; Bova, Sergio	URANS simulations of catamaran interference in shallow water	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	3	2014
Wang Kun-peng; Tang Wen-yong; Xue Hong-xiang	Cross-flow VIV-induced fatigue damage of deepwater steel catenary riser at touch-down point	CHINA OCEAN ENGINEERING	0	2014
Zhang, Z. H.; Chen, Y.; Hua, H. X.; Wang, Y.	Crush dynamics of rubber tube under low velocity impact	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	0	2014
Fu, Shixiao; Wang, Jungao; Baarholm, Rolf; Wu, Jie; Larsen, C. M.	Features of Vortex-Induced Vibration in Oscillatory Flow	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	9	2014
Ji, Lin; Huang, Zhenyu	A Simple Statistical Energy Analysis Technique on Modeling Continuous Coupling Interfaces	JOURNAL OF VIBRATION AND ACOUSTICS-TRANSACTIONS OF THE ASME	0	2014

作者	题目	刊名	被引次数	发表年份
Cui, Yi; Hu, Zhilong; Deng, Kangyao; Wang, Qifu	Miller-Cycle Regulatable, Two-Stage Turbocharging System Design for Marine Diesel Engines	JOURNAL OF ENGINEERING FOR GAS TURBINES AND POWER-TRANSACTIONS OF THE ASME	1	2014
Zhang, Hui; Yang, Jianmin; Xiao, Longfei; Lu, Haining	Study on added mass coefficient and oscillation frequency for a Truss Spar subjected to Vortex-Induced Motions	SHIPS AND OFFSHORE STRUCTURES	0	2014
Yang, Hezhen; Chen, Jinfeng; Lu, Qijin; Ma, Ning	Application of knowledge-based engineering for ship optimisation design	SHIPS AND OFFSHORE STRUCTURES	1	2014
Gao, Yan; Hu, Zhiqiang; Wang, Jin	Sensitivity Analysis for Iceberg Geometry Shape in Ship-Iceberg Collision in View of Different Material Models	MATHEMATICAL PROBLEMS IN ENGINEERING	1	2014
Luo, W. L.; Guedes Soares, C.; Zou, Z. J.	EXPERIMENTAL AND NUMERICAL STUDY OF THE EFFECT OF A PIER ON SHIP TRAJECTORIES IN CURRENTS	INTERNATIONAL JOURNAL OF MARITIME ENGINEERING	0	2014
Chang, Kuntan; Jeng, Dongsheng; Zhang, Jisheng; Zhang, Yu	Soil response around Donghai offshore wind turbine foundation, China	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-ENERGY	3	2014
Yang, Jianmin; Tian, Xinliang; Li, Xin	Hydrodynamic characteristics of an oscillating circular disk under steady in-plane current conditions	OCEAN ENGINEERING	2	2014
Zhou, Xiang-Lian; Wang, Jian-Hua; Zhang, Jun; Jeng, Dong-Sheng	Wave and current induced seabed response around a submarine pipeline in an anisotropic seabed	OCEAN ENGINEERING	4	2014
Zhang, J. -S.; Zhang, Y.; Jeng, D. -S.; Liu, P.	Numerical simulation of wave-current interaction	OCEAN ENGINEERING	9	2014



作者	题目	刊名	被引次数	发表年份
L. -F.; Zhang, C.	using a RANS solver			
Yang, Wenyu; Tan, Soon Keat; Wang, Huakun; Yu, Guoliang	Rheological Properties of Bed Sediments Subjected to Shear and Vibration Loads	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	1	2014
Lei, Xuelin; Shen, Bin; Chen, Sulin; Wang, Liang; Sun, Fanghong	Tribological behavior between micro- and nano-crystalline diamond films under dry sliding and water lubrication	TRIBOLOGY INTERNATIONAL	10	2014
Liang, Dongfang; Liu, Hua; Tang, Hongwu; Rana, Rupal	COMPARISON BETWEEN BOUSSINESQ AND SHALLOW-WATER MODELS IN PREDICTING SOLITARY WAVE RUNUP ON PLANE BEACHES	COASTAL ENGINEERING JOURNAL	2	2013
Zhang Hong-sheng; Wang Yan; Xu Chun-hui; Shang Hui; Yu Xiao-wei	Tests and applications of an approach to absorbing reflected waves towards incident boundary	CHINA OCEAN ENGINEERING	1	2013
Wang Ying-guang	Wave period distributions in non-Gaussian mixed sea states	CHINA OCEAN ENGINEERING	0	2013
Chen, Ying; Fu, Shixiao; Xu, Yuwang; Fan, Dixia	High order force components of a near-wall circular cylinder oscillating in transverse direction in a steady current	OCEAN ENGINEERING	1	2013
He, Wei; Diez, Matteo; Zou, Zaojian; Campana, Emilio F.; Stern, Frederick	URANS study of Delft catamaran total/added resistance, motions and slamming loads in head sea including irregular wave and uncertainty quantification for variable regular wave and geometry	OCEAN ENGINEERING	7	2013
Fu, Shixiao; Xu, Yuwang; Hu, Ke; Zhang,	Experimental investigation on hydrodynamics of	MARINE STRUCTURES	2	2013

作者	题目	刊名	被引 次数	发表年份
Yu	floating cylinder in oscillatory and steady flows by forced oscillation test			
Li, Li; Fu, Shixiao; Xu, Yuwang	Nonlinear hydroelastic analysis of an aquaculture fish cage in irregular waves	MARINE STRUCTURES	5	2013
Wang, Jiangchao; Rashed, Sherif; Murakawa, Hidekazu; Luo, Yu	Numerical prediction and mitigation of out-of-plane welding distortion in ship panel structure by elastic FE analysis	MARINE STRUCTURES	6	2013
Shen, Zhirong; Wan, Decheng	RANS Computations of Added Resistance and Motions of a Ship in Head Waves	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	8	2013
Zhang, Xin-Guang; Zou, Zao-Jian	Estimation of the hydrodynamic coefficients from captive model test results by using support vector machines	OCEAN ENGINEERING	7	2013
Chen, Yong; Zhang, Zhiyi; Hua, Hongxing	Experimental Investigation on Active Vibration Control of a Shaft-Hull System Under Longitudinal Excitation	ADVANCES IN VIBRATION ENGINEERING	0	2013
Cui, Jin-ju; Wang, De-yu	Application of knowledge-based engineering in ship structural design and optimization	OCEAN ENGINEERING	4	2013
Jeng, D. -S.; Ismail, A.; Zhang, L. L.; Zhang, J. -S.	Empirical model for the prediction of lateral stability coefficient for un-trenched submarine pipes based on self-evolving neural network (SEANN)	OCEAN ENGINEERING	0	2013
Zhou, Xiang-Lian; Jeng, Dong-Sheng; Yan, Yu-Guang; Wang, Jian-Hua	Wave-induced multi-layered seabed response around a buried pipeline	OCEAN ENGINEERING	3	2013

作者	题目	刊名	被引次数	发表年份
Li, Li; Fu, Shixiao; Xu, Yuwang; Wang, Jungao; Yang, Jianmin	Dynamic responses of floating fish cage in waves and current	OCEAN ENGINEERING	6	2013
Zou, Lu; Larsson, Lars	Numerical predictions of ship-to-ship interaction in shallow water	OCEAN ENGINEERING	4	2013
Wang, Kunpeng; Xue, Hongxiang; Tang, Wenyong	Time domain prediction approach for cross-flow VIV induced fatigue damage of steel catenary riser near touchdown point	APPLIED OCEAN RESEARCH	2	2013
Gu Jia-yang; Yang Jian-min; Lu Hai-ning	Numerical simulations and model tests of the mooring characteristic of a tension leg platform under random waves	CHINA OCEAN ENGINEERING	1	2013
Xu Xue-song; Wang Sheng-wei; Lian Lian	Dynamic motion and tension of marine cables being laid during velocity change of mother vessels	CHINA OCEAN ENGINEERING	1	2013
Zhang, Lei; Lu, Haining; Yang, Jianmin; Peng, Tao; Xiao, Longfei	Low-frequency drift forces and horizontal motions of a moored FPSO in bi-directional swell and wind-sea offshore West Africa	SHIPS AND OFFSHORE STRUCTURES	2	2013
Yu, Zhaolong; Hu, Zhiqiang; Amdahl, Jorgen; Liu, Yi	Investigation on structural performance predictions of double-bottom tankers during shoal grounding accidents	MARINE STRUCTURES	4	2013
Chen, Yong; Wang, Yu; Hua, Hong-Xing	Performance of an elastic polymer foam cushion in attenuating responses of shipboard standing-men to ship vertical shock	JOURNAL OF VIBRATION AND CONTROL	0	2013
Xu, Y. -F.; Wang, J. -H.; Chen, J. -J.	Cnoidal water wave induced seepage in a permeable seabed with a defined thickness	COASTAL ENGINEERING	2	2013
Yang, Hezhen; Xiao, Fei; Xu, Peiji	Parametric instability prediction in a top-tensioned	OCEAN ENGINEERING	8	2013

作者	题目	刊名	被引次数	发表年份
Yu, Long; Greve, Martin; Druckenbrod, Markus; Abdel-Maksoud, Moustafa	riser in irregular waves Numerical analysis of ducted propeller performance under open water test condition	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	5	2013
Liang, Dongfang; Gotoh, Hitoshi; Scott, Natasha; Tang, Hongwu	Experimental Study of Local Scour around Twin Piles in Oscillatory Flows	JOURNAL OF WATERWAY PORT COASTAL AND OCEAN ENGINEERING	1	2013
Liu, Zhenyu; Wu, Huiying	Steady-State and Transient Investigation of the Primary Surface Recuperator for Microturbines	HEAT TRANSFER ENGINEERING	4	2013
Zhang, J. -S.; Zhang, Y.; Zhang, C.; Jeng, D. -S.	Numerical Modeling of Seabed Response to Combined Wave-Current Loading	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	4	2013
Liang, Dongfang; Gotoh, Hitoshi; Khayyer, Abbas; Chen, Jack Mao	Boussinesq modelling of solitary wave and N-wave runup on coast	APPLIED OCEAN RESEARCH	2	2013
Zhang Hong-sheng; Zhou Hua-wei	Wave radiation and diffraction by a two-dimensional floating body with an opening near a side wall	CHINA OCEAN ENGINEERING	2	2013
Wang, Kunpeng; Xue, Hongxiang; Tang, Wenyong; Guo, Jinting	Fatigue analysis of steel catenary riser at the touch-down point based on linear hysteretic riser-soil interaction model	OCEAN ENGINEERING	5	2013
Wang, Yingguang; Xia, Yiqing	Calculating nonlinear wave crest exceedance probabilities using a Transformed Rayleigh method	COASTAL ENGINEERING	4	2013
Xu, Feng; Zou, Zao-Jian; Yin, Jian-Chuan; Cao, Jian	Identification modeling of underwater vehicles' nonlinear dynamics based on support vector	OCEAN ENGINEERING	9	2013

作者	题目	刊名	被引 次数	发表年份
Wang, Jun-Peng; Xu, Ye-Shuang; Ma, Lei; Shen, Shui-Long	machines An Approach to Evaluate Hydraulic Conductivity of Soil Based on CPTU Test	MARINE GEORESOURCES & GEOTECHNOLOGY	3	2013
Ji, Lin; Huang, Zhenyu	Analysis of subsystem randomness effects on the mid-frequency vibrations of built-up structures	JOURNAL OF SOUND AND VIBRATION	2	2013
Cao, Xiongtao; Ma, Chao; Hua, Hongxing	Acoustic Radiation From Thick Laminated Cylindrical Shells With Sparse Cross Stiffeners	JOURNAL OF VIBRATION AND ACOUSTICS-TRANSACTIONS OF THE ASME	1	2013
Yang, Hezhen; Wang, Aijun	Dynamic stability analysis of pipeline based on reliability using surrogate model	JOURNAL OF MARINE ENGINEERING AND TECHNOLOGY	0	2013
Zhao, Wenhua; Yang, Jianmin; Hu, Zhiqiang	Effects of sloshing on the global motion responses of FLNG	SHIPS AND OFFSHORE STRUCTURES	3	2013
Zhou, M. G.; Ma, S. J.; Zou, Z. J.	CFD-BASED HYDRODYNAMIC ANALYSIS FOR A SHIP SAILING ALONG A BANK IN RESTRICTED WATERS	INTERNATIONAL JOURNAL OF MARITIME ENGINEERING	1	2013
Yin, Jian-chuan; Zou, Zao-jian; Xu, Feng	On-line prediction of ship roll motion during maneuvering using sequential learning RBF neural networks	OCEAN ENGINEERING	6	2013
Zhang, Xin-Guang; Zou, Zao-Jian	Black-box modeling of ship manoeuvring motion based on feed-forward neural network with Chebyshev orthogonal basis function	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	3	2013
Meng, Xian-nan; Zou, Zao-Jian	Radiation and diffraction of water waves by an infinite horizontal structure with a sidewall using	OCEAN ENGINEERING	1	2013

作者	题目	刊名	被引次数	发表年份
	SBFEM			
Li, Jia-Wang; Ge, Tong; Wang, Xu-Yang	Active Heave Compensation Control of ROVS	ASIAN JOURNAL OF CONTROL	1	2013
Pan Yu-cun; Zhang Huai-xin	Numerical prediction of marine propeller noise in non-uniform inflow	CHINA OCEAN ENGINEERING	4	2013
Chen, Yong; Wang, Yu; Zhang, Zhiyi; Hua, Hongxing	Experimental Research on the Responses of Neoprene Coated Cylinder Subjected to Underwater Explosions	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	2	2013
Yang, Hezhen; Li, Qingquan; Li, Huajun	Multiaxial Fatigue Analysis on Reeled Steel Tube Umbilical	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2013
Ma, Yu; Hu, Zhiqiang; Qu, Yan; Lu, Gang	Research on the characteristics and fundamental mechanism of a newly discovered phenomenon of a single moored FPSO in the South China Sea	OCEAN ENGINEERING	2	2013
Tian, Xinliang; Ong, Muk Chen; Yang, Jianmin; Myrhaug, Dag	Unsteady RANS simulations of flow around rectangular cylinders with different aspect ratios	OCEAN ENGINEERING	8	2013
Liu, Yutao; Hu, Hao; Zhang, Di	Probability Analysis of Damage to Offshore Pipeline by Ship Factors	TRANSPORTATION RESEARCH RECORD	1	2013
Huang, Dao-Zheng; Hu, Hao; Li, Yi-Zhou	Spatial Analysis of Maritime Accidents Using the Geographic Information System	TRANSPORTATION RESEARCH RECORD	1	2013
Wu, Huafeng; Yang, Lei; Liu, Ling; Xu, Ming; Guan, Xinping	Real-Time Localization Algorithm for Maritime Search and Rescue Wireless Sensor Network	INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS	0	2013

作者	题目	刊名	被引次数	发表年份
Yin, Jian-chuan; Zou, Zao-jian; Xu, Feng	Sequential learning radial basis function network for real-time tidal level predictions	OCEAN ENGINEERING	5	2013
Wang, Zhen-Xin; Shen, Hui-Shen	Nonlinear dynamic response of sandwich plates with FGM face sheets resting on elastic foundations in thermal environments	OCEAN ENGINEERING	9	2013
Xu, Xuesong; Yao, Baoheng; Ren, Ping	Dynamics calculation for underwater moving slender bodies based on flexible segment model	OCEAN ENGINEERING	6	2013
Zhao, Wenhua; Yang, Jianmin; Hu, Zhiqiang; Xie, Bin	Hydrodynamics of an FLNG system in tandem offloading operation	OCEAN ENGINEERING	4	2013
Zhang, Y.; Jeng, D. -S.; Gao, F. P.; Zhang, J-S	An analytical solution for response of a porous seabed to combined wave and current loading	OCEAN ENGINEERING	10	2013
Sun, R.; Ng, C. O.	Hydrodynamic interactions among multiple circular cylinders in an inviscid flow	JOURNAL OF FLUID MECHANICS	0	2012
Chen Ying; Lu Chuan-jing; Cao Jia-yi; Chen Xin	APPLICATION OF QUADRATIC AND CUBIC TURBULENCE MODELS ON CAVITATING FLOWS AROUND SUBMERGED OBJECTS	JOURNAL OF HYDRODYNAMICS	0	2012
Fu, Shixiao; Cui, Weicheng	Dynamic responses of a ribbon floating bridge under moving loads	MARINE STRUCTURES	0	2012
Wang Sheng-wei; Xu Xue-song; Yao Bao-heng; Lian Lian	A finite difference approximation for dynamic calculation of vertical free hanging slender risers in re-entry application	CHINA OCEAN ENGINEERING	1	2012
Pan Xu-jie; Zhang Huai-xin; Sun Xue-yao	Numerical simulation of sloshing with large deforming free surface by MPS-LES method	CHINA OCEAN ENGINEERING	5	2012
Zheng Wen-qing; Yang He-zhen; Li	Multiaxial fatigue analyses of stress joints for	CHINA OCEAN ENGINEERING	3	2012

作者	题目	刊名	被引次数	发表年份
Qing-quan	deepwater steel catenary risers			
Wei, Yuefeng; Yang, Jianmin; Chen, Gang; Hu, Zhiqiang	Experimental study on the hydrodynamic performance of FDPSO and SRV	SHIPS AND OFFSHORE STRUCTURES	0	2012
Gu, Yan; Ju, Yonglin	Investigation on the periodically oscillating pressure characteristics of the flow in the rolling pipe	OCEAN ENGINEERING	1	2012
Cheng Zhao; Fan Jun; Wang Bin; Tang WeiLin	Statistical analysis of vibration and sound radiation of submerged stiffened rectangular plates	SCIENCE CHINA-TECHNOLOGICAL SCIENCES	0	2012
Wang Chun	Nonlinear waves and wave-structure interactions in marine hydrodynamics-Recent progress	SCIENCE CHINA-TECHNOLOGICAL SCIENCES	0	2012
Jeng, D. -S.; Ye, J. H.	Three-dimensional consolidation of a porous unsaturated seabed under rubble mound breakwater	OCEAN ENGINEERING	5	2012
Zhao, Yongsheng; Yang, Jianmin; He, Yanping	Preliminary Design of a Multi-Column TLP Foundation for a 5-MW Offshore Wind Turbine	ENERGIES	6	2012
Zhao Wen-hua; Yang Jian-min; Hu Zhi-qiang	HYDRODYNAMIC INTERACTION BETWEEN FLNG VESSEL AND LNG CARRIER IN SIDE BY SIDE CONFIGURATION	JOURNAL OF HYDRODYNAMICS	5	2012
Xu Feng; Zou Zao-jian; Yin Jian-chuan; Cao Jian	PARAMETRIC IDENTIFICATION AND SENSITIVITY ANALYSIS FOR AUTONOMOUS UNDERWATER VEHICLES IN DIVING PLANE	JOURNAL OF HYDRODYNAMICS	5	2012
Gao Da-wei; Shi Gui-jie; Wang De-yu	Residual ultimate strength of hull structures with crack and corrosion damage	ENGINEERING FAILURE ANALYSIS	0	2012



作者	题目	刊名	被引 次数	发表年份
Gu Jia-yang; Yang Jian-min; Lv Hai-ning	Studies of TLP dynamic response under wind, waves and current	CHINA OCEAN ENGINEERING	1	2012
Wang, Y. G.; Xia, Y. Q.	Simulating mixed sea state waves for marine design	APPLIED OCEAN RESEARCH	3	2012
Zhao, Xi; Wang, Benlong; Liu, Hua	Characteristics of tsunami motion and energy budget during runup and rundown processes over a plane beach	PHYSICS OF FLUIDS	3	2012
Fan Shi-bo; Lian Lian; Ren Ping	Research on Hydrodynamics Model Test for Deepsea Open-Framed Remotely Operated Vehicle	CHINA OCEAN ENGINEERING	1	2012
Shi, Lei; Wang, Shaoming; Deng, Kangyao; Cui, Yi	Variable geometry exhaust manifold turbocharging system for an 8-cylinder marine diesel engine	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	1	2012
Yang, Hezhen; Wang, Aijun	Fatigue Reliability Based Design Optimization of Bending Stiffener	JOURNAL OF SHIP RESEARCH	9	2012
Wang, Xiao-liang	Computational Fluid Dynamics Predictions of Stability Derivatives for Airship	JOURNAL OF AIRCRAFT	0	2012
Fan Shi-bo; Lian Lian; Ren Ping; Huang Guo-liang	OBLIQUE TOWING TEST AND MANEUVER SIMULATION AT LOW SPEED AND LARGE DRIFT ANGLE FOR DEEP SEA OPEN-FRAMED REMOTELY OPERATED VEHICLE	JOURNAL OF HYDRODYNAMICS	2	2012
Meng, Xian-Nan; Zou, Zao-Jian	Wave interaction with a uniform porous cylinder of arbitrary shape	OCEAN ENGINEERING	5	2012
Li, Zhijun; Yang, Chenguang; Ding, Nan; Bogdan, Stjepan; Ge, Tong	Robust Adaptive Motion Control for Underwater Remotely Operated Vehicles with Velocity Constraints	INTERNATIONAL JOURNAL OF CONTROL AUTOMATION AND SYSTEMS	21	2012

作者	题目	刊名	被引次数	发表年份
Zhang, J. -S.; Jeng, D. -S.; Liu, P. L. -F.; Zhang, C.; Zhang, Y.	Response of a porous seabed to water waves over permeable submerged breakwaters with Bragg reflection	OCEAN ENGINEERING	10	2012
Shi Gui-jie; Wang De-yu	Residual ultimate strength of open box girders with cracked damage	OCEAN ENGINEERING	3	2012
Shi, Gui-jie; Wang, De-yu	Residual ultimate strength of cracked box girders under torsional loading	OCEAN ENGINEERING	3	2012
Li, Shuang; Wang, Zhixin; Wang, Guogiang	Improved Predictive Direct-Power-Control of Offshore VSC-HVDC Converter without PLL Scheme	INTERNATIONAL REVIEW OF ELECTRICAL ENGINEERING-IREE	1	2012
Zhao Wen-hua; Yang Jian-min; Hu Zhi-qiang; Xiao Long-fei; Peng Tao	Investigation on the Hydrodynamic Performance of An Ultra Deep Turret-Moored FLNG System	CHINA OCEAN ENGINEERING	1	2012
Xu Xue-song; Wang Sheng-wei	A Flexible-Segment-Model-Based Dynamics Calculation Method for Free Hanging Marine Risers in Re-Entry	CHINA OCEAN ENGINEERING	7	2012
Guo Xiao-yu; Wang Ben-long; Liu Hua	Numerical Simulation of Irregular Wave Overtopping Against A Smooth Sea Dike	CHINA OCEAN ENGINEERING	1	2012
Chen, Zheng-Shou; Kim, Wu-Joan	Effect of bidirectional internal flow on fluid-structure interaction dynamics of conveying marine riser model subject to shear current	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	1	2012
Yang, B.; Shu, X. W.	Hydrofoil optimization and experimental validation in helical vertical axis turbine for power generation from marine current	OCEAN ENGINEERING	15	2012
Hasanloo, Davood; Pang, Hongli; Yu,	On the estimation of the falling velocity and drag	OCEAN ENGINEERING	7	2012

作者	题目	刊名	被引次数	发表年份
Guoliang	coefficient of torpedo anchor during acceleration			
Wen, F.; Jeng, D. -S.; Wang, J. H.; Zhou, X. L.	Numerical modeling of response of a saturated porous seabed around an offshore pipeline considering non-linear wave and current interaction	APPLIED OCEAN RESEARCH	13	2012
Jin, Meng; Zhao, Jincheng; Chang, Jing; Zhang, Daxu	Experimental and parametric study on the post-fire behavior of tubular T-joint	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH	10	2012
Huang Xiuchang; Zhang Zhiyi; Zhang Zhenhua; Hua Hongxing	Multi-channel Active Vibration Isolation for the Control of Underwater Sound Radiation From A Stiffened Cylindrical Structure: A Numerical Study	JOURNAL OF VIBRATION AND ACOUSTICS-TRANSACTIONS OF THE ASME	1	2012
Huang Xiuchang; Xu Shiyin; Jiang Aihua; Hua Hongxing	Modeling and optimization of floating raft systems in submarines under different objectives by using hybrid genetic algorithm	JOURNAL OF VIBRATION AND CONTROL	6	2012
Hu, Fang; Chen, Yong; Zhang, Zhiyi; Hua, Hongxing	Tonal vibration suppression with a model-free control method	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT	0	2012
Li, Yi-Zhou; Hu, Hao; Huang, Dao-Zheng	Dynamic Fuzzy Logic Model for Risk Assessment of Marine Crude Oil Transportation	TRANSPORTATION RESEARCH RECORD	2	2012
Zhao, Wen-hua; Yang, Jian-min; Hu, Zhi-qiang; Wei, Yue-feng	Full-scale measurement investigation of the hydrodynamics of a turret-moored FPSO in a typhoon and deduction of its mooring loads	SHIPS AND OFFSHORE STRUCTURES	1	2012
Yang, Deqing; Xie, Xiaolong; Chen, Wei	Laminate component method for optimal design of	SHIPS AND OFFSHORE	1	2012

作者	题目	刊名	被引 次数	发表年份
Hu, Jia-Jun; Wu, You-Sheng; Tian, Chao; Wang, Xue-Liang; Zhang, Fan	hybrid structures for vibration reduction Hydroelastic analysis and model tests on the structural responses and fatigue behaviours of an ultra-large ore carrier in waves	STRUCTURES PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT SHIPS AND OFFSHORE STRUCTURES	0	2012
Shi Gui-Jie; Wang De-Yu	Ultimate strength model experiment regarding a container ship's hull structures	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	5	2012
Yang, He-zhen; Li, Hua-jun; Park, Han-il	Optimization Design for Steel Catenary Riser with Fatigue Constraints	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	6	2011
Chen, J. -J.; Wang, J. -H.; Ke, X.; Jeng, D. -S.	Behavior of Large-Diameter Rock-Socketed Piles Under Lateral Loads	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	1	2011
Xu, Zhihong; Hou, Dong; Fu, Shengwei; Yang, Yanhua; Cheng, Xu	Loss of flow accident and its mitigation measures for nuclear systems with SCWR-M	ANNALS OF NUCLEAR ENERGY	7	2011
Liu, Li; Zhan, Xingqun; Liu, Wei; Niu, Mancang	Assessment of Radio Frequency Compatibility between Compass Phase II and Other GNSSs	JOURNAL OF NAVIGATION	0	2011
Cui, Bao-shan; He, Qiang; An, Yuan	Spartina alterniflora invasions and effects on crab communities in a western Pacific estuary	ECOLOGICAL ENGINEERING	11	2011
Chen Xin; Yao Yan; Lu Chuan-jing; Chen Ying; Cao Jia-yi	INTERFERENCE OF SIDE STRUT WITH THE NATURAL CAVITATING FLOWS AROUND A SUBMERGED VEHICLE IN WATER TUNNEL EXPERIMENTS	JOURNAL OF HYDRODYNAMICS	1	2011

作者	题目	刊名	被引次数	发表年份
Shan Tie-bing; Yang Jian-min; Li Xin; Xiao Long-fei	EXPERIMENTAL INVESTIGATION ON WAVE RUN-UP CHARACTERISTICS ALONG COLUMNS AND AIR GAP RESPONSE OF SEMI-SUBMERSIBLE PLATFORM	JOURNAL OF HYDRODYNAMICS	5	2011
Carrica, Pablo M.; Fu, Huiping; Stern, Frederick	Computations of self-propulsion free to sink and trim and of motions in head waves of the KRISO Container Ship (KCS) model	APPLIED OCEAN RESEARCH	7	2011
Hu Zhiqiang; Jorgen, Amdahl; Lin, Hong	Verification of a simplified analytical method for predictions of ship groundings over large contact surfaces by numerical simulations	MARINE STRUCTURES	10	2011
Zhao, W. H.; Yang, J. M.; Hu, Z. Q.; Wei, Y. F.	Recent developments on the hydrodynamics of floating liquid natural gas (FLNG)	OCEAN ENGINEERING	22	2011
Zhang Chi; Zheng Jin-hai; Wang Yi-gang; Zhang Meng-tao; Jeng Dong-sheng; Zhang Ji-sheng	Comparison of turbulence schemes for prediction of wave-induced near-bed sediment suspension above a plane bed	CHINA OCEAN ENGINEERING	3	2011
Yu, Wenjing; Zhao, Jincheng; Luo, Huaxun; Shi, Jianyong; Zhang, Daxu	Experimental study on mechanical behavior of an impacted steel tubular T-joint in fire	JOURNAL OF CONSTRUCTIONAL STEEL RESEARCH	20	2011
Li, Zhi-Min; Yang, De-Qing	Postbuckling of shear deformable stiffened anisotropic laminated cylindrical shell under axial compression	OCEAN ENGINEERING	4	2011
Yang HeZhen; Li HuaJun	Sensitivity analysis of fatigue life prediction for deepwater steel lazy wave catenary risers	SCIENCE CHINA-TECHNOLOGICAL SCIENCES	11	2011

作者	题目	刊名	被引次数	发表年份
Cui, Weicheng; Wang, Fang; Huang, Xiaoping	A unified fatigue life prediction method for marine structures	MARINE STRUCTURES	18	2011
Yang, He Zhen; Zheng, Wenqing	Metamodel approach for reliability-based design optimization of a steel catenary riser	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY	11	2011
Liu, Yan-zhu; Xue, Yun	Stability analysis of helical rod based on exact Cosserat model	APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION	4	2011
Zhang, J. -S.; Jeng, D. -S.; Liu, P. L. -F.	Numerical study for waves propagating over a porous seabed around a submerged permeable breakwater: PORO-WSSI II model	OCEAN ENGINEERING	11	2011
Huang, X-C; Zhang, Z-Y; Zhang, Z-H; Hua, H-X	Vibro-acoustic optimization of an immersed cylindrical structure with a floating-raft system inside by using frequency-response-function-based substructuring sensitivity analysis	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT	0	2011
Zhang, X. L.; Jeng, D. S.; Luan, M. T.	Dynamic response of a porous seabed around pipeline under three-dimensional wave loading	SOIL DYNAMICS AND EARTHQUAKE ENGINEERING	7	2011
Xue, Hongxiang; Guo, Jinting; Tang, Wenyong; Zhang, Shengkun	Characteristic Analysis of VIV-Induced Fatigue Damage of Top Tensioned Risers Based on Simplified Model	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0	2011
Li, Liangjun; Jiang, Weikang	A new method to predict the permanent deformation of rectangular plates based on shock energy compensation	JOURNAL OF VIBRATION AND CONTROL	3	2011

作者	题目	刊名	被引次数	发表年份
Liang, Xiufeng; Yang, Jianmin; Li, Jun; Li, Xin	A numerical study on local characteristics of predetermined irregular wave trains	OCEAN ENGINEERING	4	2011
Kabiri-Samani, A. R.; Aghaee-Tarazjani, J.; Borghei, S. M.; Jeng, D. S.	Application of neural networks and fuzzy logic models to long-shore sediment transport	APPLIED SOFT COMPUTING	8	2011
He, S. Y.; Li, C.; Zhang, F.; Zhu, G. Q.; Hu, W. D.; Yu, W. X.	An Improved MM-PO Method with UV Technique for Scattering from an Electrically Large Ship on a Rough Sea Surface at Low Grazing Angle	APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL	4	2011
Li, Liang-Jun; Jiang, Wei-Kang; Ai, Yan-Hui	Experimental Study on Dynamic Response and Shock Damage of Cylindrical Shell Structures Subjected to Underwater Explosion	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	1	2011
Zhou, Shu; Zhang, Ke; Chen, Nailu; Gu, Jianfeng; Rong, Yonghua	Investigation on High Strength Hot-rolled Plates by Quenching-partitioning-tempering Process Suitable for Engineering	ISIJ INTERNATIONAL	12	2011
Liu, J.; Allen, R.; Yi, H.	Ship motion stabilizing control using a combination of model predictive control and an adaptive input disturbance predictor	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART I-JOURNAL OF SYSTEMS AND CONTROL ENGINEERING	4	2011
Ma, Lei; Shen, Shui-Long; Luo, Chun-Yong; Xu, Ye-Shuang	Field Evaluation on the Strength Increase of Marine Clay under Staged Construction of Embankment	MARINE GEORESOURCES & GEOTECHNOLOGY	7	2011
Huang Zhao-yu; Tang Wen-yong; Wang Yi; Wang Wen-tao	Dynamic Stress Analysis of the Leg Joints of Self-Elevating Platform	CHINA OCEAN ENGINEERING	0	2011
You, Jin; Meng, Guang; Li, Hong-Guang	Random energy flow analysis of coupled beam	ARCHIVE OF APPLIED	2	2011

作者	题目	刊名	被引 次数	发表年份
Shi, Xiaoning; Tao, Dongkai; Voss, Stefan	structures and its correlation with SEA RFID TECHNOLOGY AND ITS APPLICATION TO PORT-BASED CONTAINER LOGISTICS	MECHANICS JOURNAL OF ORGANIZATIONAL COMPUTING AND ELECTRONIC COMMERCE	4	2011
Zhou, Xiang-Lian; Xu, Bin; Wang, Jian-Hua; Li, Yao-Liang	An analytical solution for wave-induced seabed response in a multi-layered poro-elastic seabed	OCEAN ENGINEERING	13	2011
Li, L-J; Jiang, W-K	A new effective method to predict the permanent deformation of plane plates subjected to underwater shock loading	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE	2	2011