



浙江大学 ESI-Computer Science 学科

国际合作论文分析



浙江大学图书馆

浙江大学信息资源分析与利用研究中心

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前言

国际合作与自主研究（非国际合作）是当今科学研究工作的两种模式。提升本国自主研究能力是加强国际合作的基本目标，而国际合作又是实现增强自主研究水平的重要路径，两者相辅相成。

国际合作论文是经济全球化形势下高校国际科研合作发展的一种主要形势和重要指标，其研究规模和研究影响力是衡量学科在国际影响力和国际交流方面的重要指标之一。本报告基于 SCI 数据库采集了浙江大学 ESI-Computer Science 学科¹近五年（2011-2015）SCI 论文，旨在通过深入的数据挖掘与分析，从国际合作论文整体分析、发展态势、国际合作论文的机构和国家布局等多角度对浙江大学 ESI-Computer Science 学科国际²合作论文进行深度分析。

由于本报告撰写者并非专业研究人员，且时间仓促，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，结果分析也仅代表个人观点，仅供相关部门和领导进行参考。

• 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：基于 Web of Science 数据的深度分析型研究工具，收录了 WOS 核心合集（SCI/SSCI）的数据，可以确定在某个研究领域有影响力的国家、机构、论文和出版物以及研究前沿。基于期刊论文发表数量和引文数据，ESI 提供最近 10

¹ ESI 学科分类是根据已有科研成果进行划分，而不是学校本身的院系或行政设置，不能简单地把学校本身的院系和学科分类对等。

² 国际合作论文是指由 2 个或者 2 个以上国家（地区）的作者共同参与合作的论文。

年的滚动数据，对 22 个学科研究领域的国家、机构和期刊进行科研绩效统计和科研实力排名，数据每 2 个月更新一次。

(2) 数据选择与获取：

研究论文数据源为 Web of Science 引文数据库核心合集 (WOS)，检索时间为 2016 年 10 月；

指标数据取自 InCites 数据库，获取时间为 2016 年 10 月。

由于 InCites 数据库中数据与 WOS 数据有两个多月的时差，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。

(3) 指标选取说明：

指标选取除了“总发文量”、年发文量、发文量占比、被引频次、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：学科规范化的引文影响力、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、ESI 高被引论文、高被引论文百分比等等，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。

相关术语指标解读

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。国际合作论文作为一个重要的国际化指标，反映了学者的国际化视野与国际合作的水平。国际合作论文百分比即指学者或机构发表的国际合著论文数占全部论文数的百分比。

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。

Web of Science (简称 WOS)：以收录偏基础研究的高质量学术期刊而著称，在一些基础学科如：物理、化学、材料、农学、基础医学等上更具优势。收录 12000 多种国际学术期刊，共分为 232 个学科，其中 SCI 占 176 个。WOS 侧重基础学科领域的文献收录，对工程领域期刊覆盖约为 77%。

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。

篇均被引次数：指统计期限内平均每篇论文的被引用次数，即引文总数与论文总数的比值。篇均被引次数在数量和质量上取得了一个平衡，是测度科研机构论文的平均影响力的重要指标之一，该指标对发文量少质量高的机构/学者有利。

ESI 高被引论文：是指在 ESI 中按相应学科领域和年代中的被引频次排序，排在前 1% 以内的论文即为 ESI 高被引论文。高被引论文具有较高学术影响力，因此高被引论文通常也被用以评价一个机构的学术影响力。

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：是指该篇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，可以比较直观地反映该学者在所属学科处于的整体影响力水平。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%。当一篇论文被划归至多个学科领域时，使用百分位值最接近 0 的学科领域的百分位值（最佳表现值）。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，不会受到引文分布中极端值的影响(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。

被引 TOP1%论文:指按学科类别、出版年和文献类型进行引文统计，被引次数排名在世界前 1% 的论文。被引 TOP10%论文与被引 TOP1%论文的定义类似，指按学科类别、出版年和文献类型进行引文统计，被引次数排名在世界前 10% 的论文。这两个指标是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%或 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 TOP1%论文同被引 TOP10%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。

期刊影响因子:即某期刊前两年发表的论文在第三年中平均被引次数。例如，某期刊在 2011 年影响因子为 4.25，说明这本期刊 2009 年和 2010 年发表的论文在 2011 年平均被引用了 4.25 次。

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1 整体情况分析

浙江大学 ESI-Computer Science 学科国际合作论文发文数量对比分析见图 1.1。可见，2011-2015 年，我校共发表 ESI-Computer Science 学科 SCI 论文 1519 篇，其中国际合作论文 592 篇，占总发文量的 38.97%。值得一提的是，所有国际合作论文中，以我为主的国际合作论文比例（浙大作者为第一或通讯作者）已经达到 65.4%。

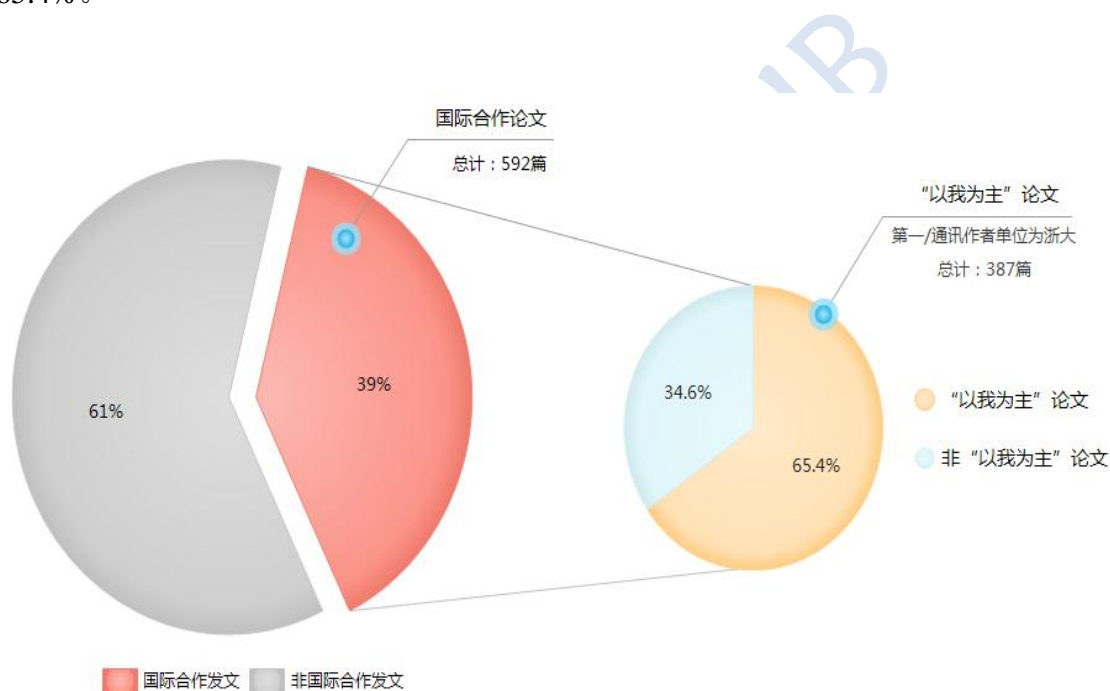


图 1.1 浙江大学 ESI-Computer Science 学科国际合作论文总体分布

表 1.1 从不同角度综合反映论文平均质量。分别采用学科规范化的引文影响力 (CNCI)、被引次数排名前 1% (10%) 的论文百分比、平均百分位这几个典型的反映学科规范化³后的文献引文影响力的指标⁴和常用的反映期刊引文影响力的指标影响因子⁵、反映论文影响力的指标篇均被引次数来客观反映论文平均质量。

图 1.2 为雷达图，各项指标所围绕的五边形的面积代表论文的平均质量。其五个维度分别代表反映相对世界平均影响力的 CNCI 及反映产出高影响力论文的能力的“被引次数排名前 1% 和 前 10% 论文占比”、“影响因子”和“篇均被引次数”。由图显示，“国际合作论文”论文质量大大超过了“非国际合作论文”。

表 1.1 浙江大学 ESI-Computer Science 学科国际/非国际合作论文综合对比分析

Computer Science	学科规范化的引文影响力	篇均被引次数	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	影响因子均值	平均百分位
国际合作论文	1.44	5.89	1.52	15.88	2.15	50.7
非国际合作论文	0.85	3.61	0.76	8.41	1.53	62.62

³人们早就注意了不同学科、不同年份论文的引用差异造成了学科间论文的被引次数不具有可比性的问题。学科规范化指标因此而诞生。它们将论文被引次数依据所在的 176 个 SCI 小学科和发表年份进行规范化，从而提高不同学科方向论文的被引次数对比的可能性。

⁴该类指标基于划分细致的 176 个 WOS 小学科分类获取，可以大大降低计算机学科不同方向之间论文被引几率不同所引起的不公平性，从而提高学科间论文质量对比的可能性。

⁵期刊影响因子作为科研评价系统中使用频率很高的指标，更适合用于评价期刊影响力，在一定程度上也可以侧面反映论文影响力。

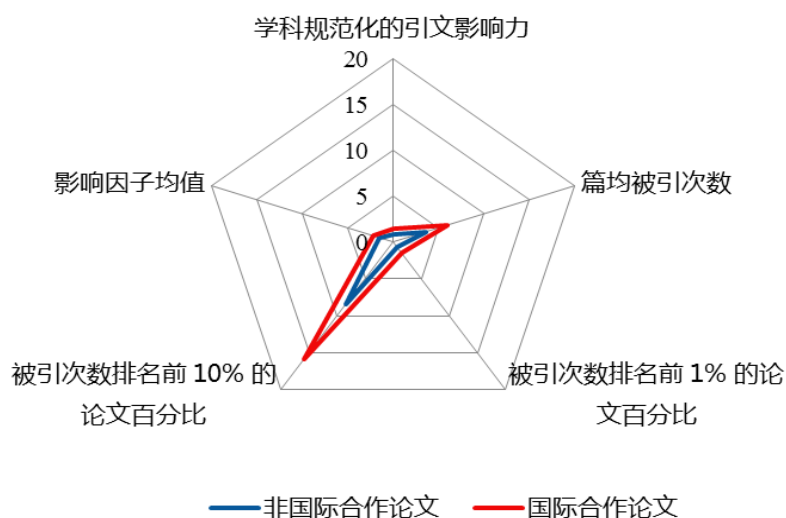


图 1.2 浙江大学 ESI-Computer Science 学科国际/非国际合作论文综合对比分析

平均百分位是测度并定位论文平均影响力在全球的相对位置的一个重要指标，反映了规范化被引次数排名全球同学科的百分位水平，数值越小，代表位置越靠前，表现越优异。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%，ESI 高被引论文就是依据此指标的计算原理产生的。

图 1.3 表明，在全球同学科同年度论文中，非国际合作论文的学科规范化被引次数在全球排在前 62.62% 的相对位置，而国际合作论文的学科规范化被引次数则已接近全球前 50% 的排位（MIT 同期水平为 50.3%），即国际合作论文将学科规范化被引次数在全球所处的百分位提升了 11.92 个百分位次。

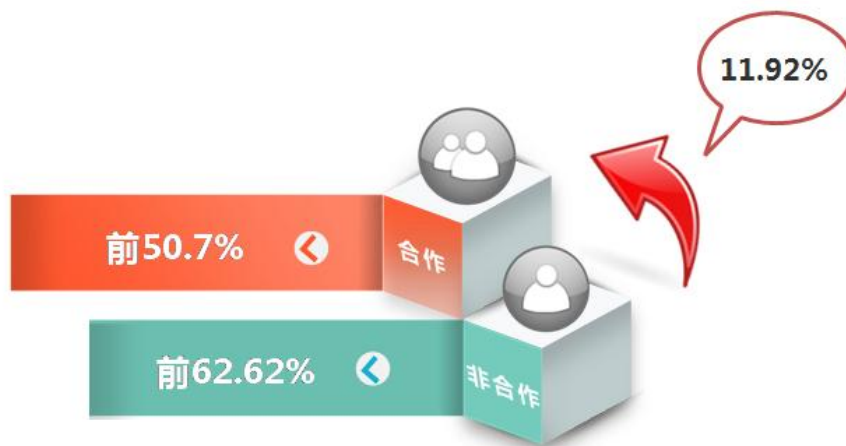


图 1.3 浙江大学 ESI-Computer Science 学科国际/非国际合作平均百分位对比图

“被引次数排名前 10%的论文占比”是被引次数排名在世界前 10%的论文占全部论文的比例，值越大就说明出高影响力论文的能力越强。浙江大学 ESI-Computer Science 学科 5 年产出 172 篇 TOP10% 高影响力论文，其国际合作论文贡献了 94 篇，占总量的 55%。图 1.4 表明与斯坦福等世界强校高影响力论文产出占比不相上下。

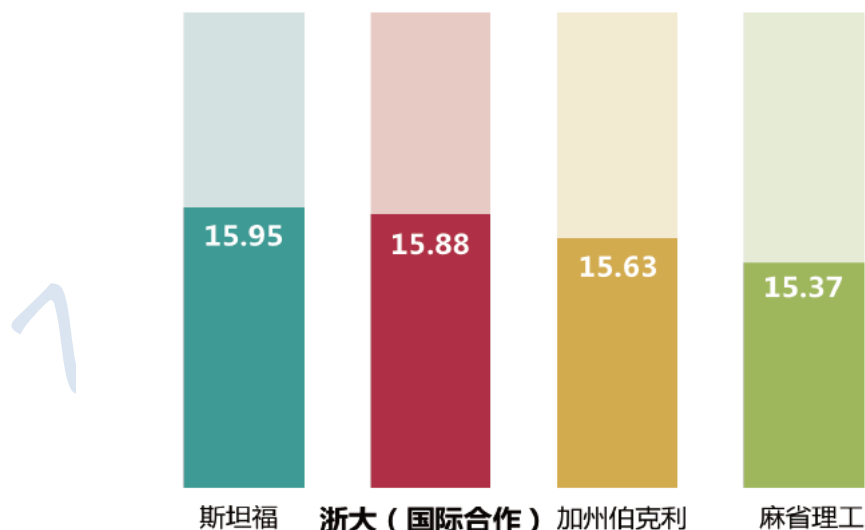


图 1.4 浙江大学 ESI-Computer Science 学科被引次数排名前 10%的论文占比对比图

2 发展态势分析

从国际合作论文的发展态势来看，总体处于上升趋势。2011-2015 年，我校 ESI-Computer Science 学科 SCI 论文每一年度发表的论文数分别为 264、236、284、366 与 369 篇。2011-2015 年，每一年度的国际合作论文数分别为 102、85、104、146、155 篇。

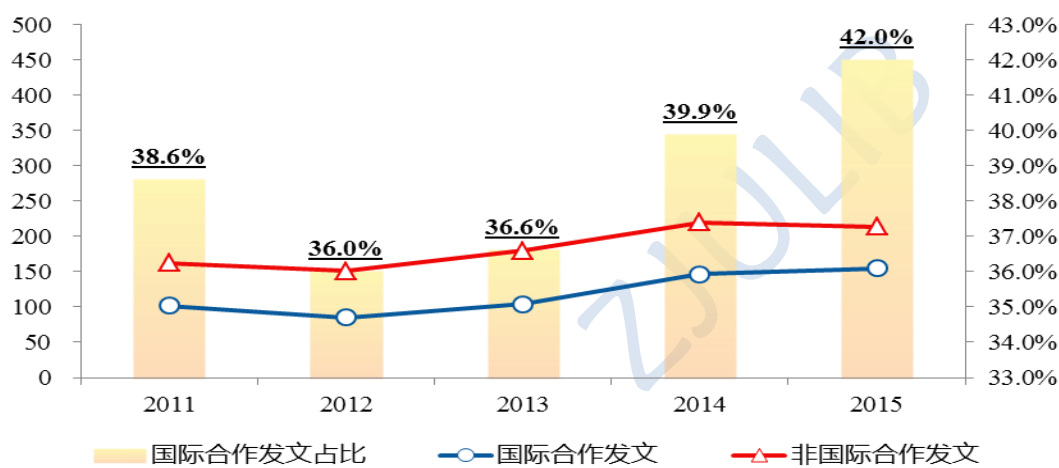


图 2.1 浙江大学 ESI-Computer Science 学科国际合作/非国际合作论文年度发展

学科规范化引文影响力 (CNCI) 测量了论文学科规范化的平均影响力，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。我校 ESI-Computer Science 学科国际合作论文 2011-2015 年期间每一年的 CNCI 分别为 1.29、1.3、1.66、1.48 与 1.44，都远高于同年度非国际合作论文，2013 年 CNCI 达 1.66。

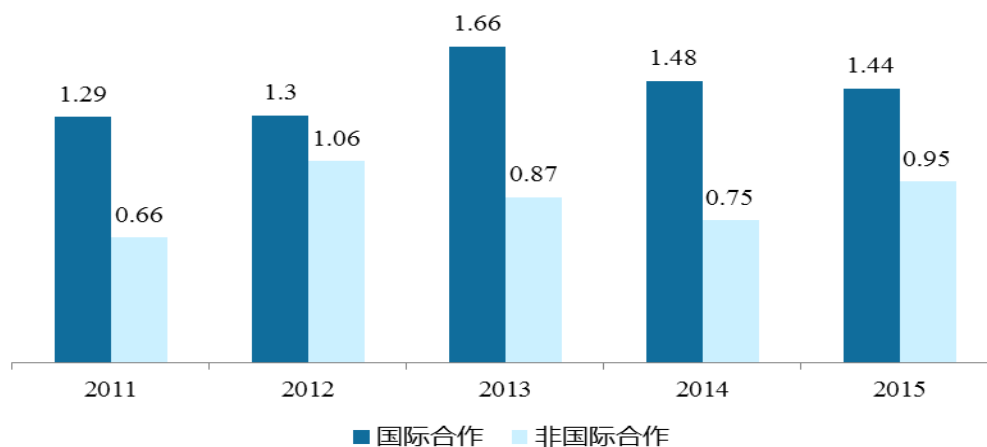


图 2.2 浙江大学 ESI-Computer Science 学科规范化的引文影响力年度变化

图 2.3 表明，“国际合作论文”产出高影响力论文的能力远高于“非国际合作论文”，并在 2014 年达到峰值，17.81%的国际合作论文均是被引次数排名前 10%的高影响力论文。

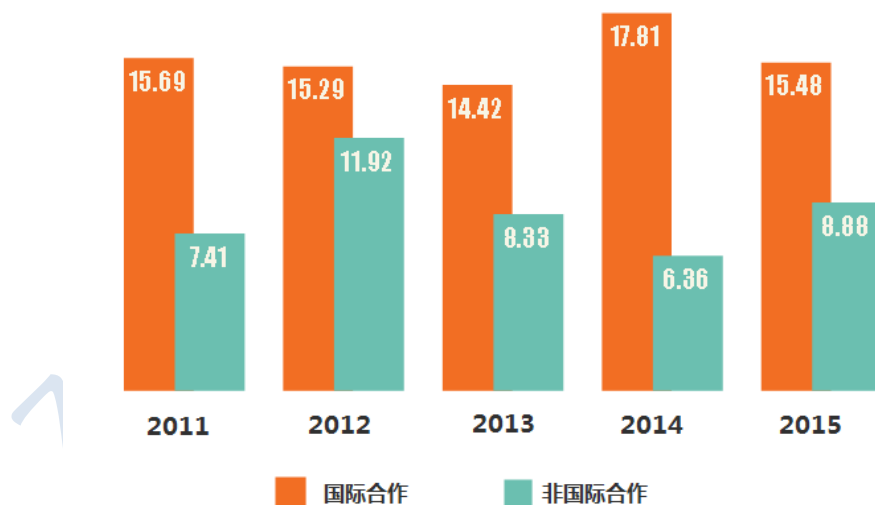


图 2.3 浙江大学 ESI-Computer Science 学科被引次数排名前 10%的论文占比年度变化

3 合作布局及合作绩效分析

图 3.1 反映了国际合作的国家分布以及各国的合作论文绩效，其中圆圈大小代表合作论文数量，圆圈颜色用来区分合作论文影响力变化。在国际合作国家方面，综合图 3.1 和表 3.1 分析结果显示，浙江大学国际合作的国家/地区范围很广，共涉及 48 个国家（地区）。合作最多的前十位国家和地区分别是 USA、Australia、Singapore、United Kingdom、Canada、Hong Kong、England、Wales、France、Greece。



图 3.1 浙江大学 ESI-Computer Science 学科国际合作国家（地区）分布图

表 3.1 浙江大学国际合作国家（地区）合作绩效对比分析⁶

发文量排序	合作国家/地区	WOS 论文数	被引频次	篇均被引	高被引论文	平均百分位	学科规范化的引文影响力	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
1	USA	243	1243	5.12	2	50.52	1.25	0.82	12.35	0.82
5	AUSTRALIA	55	672	12.22	6	48.95	3.04	10.91	29.09	10.91
2	SINGAPORE	84	584	6.95	3	45.58	1.72	3.57	23.81	3.57
3	UNITED KINGDOM	79	467	5.91	2	56.35	1.46	2.53	15.19	2.53
6	CANADA	48	317	6.6	0	44.46	1.43	0	18.75	0

⁶本表依被引频次降序，平均百分位升序排列，取前 10 国家。

7	HONG KONG	42	291	6.93	1	43.06	1.39	0	16.67	2.38
4	ENGLAND	60	238	3.97	1	55.35	1.37	1.67	13.33	1.67
9	WALES	12	201	16.75	1	59.4	2.32	8.33	25	8.33
8	FRANCE	30	132	4.4	0	48.76	1.32	0	13.33	0
10	GREECE	6	121	20.17	2	30.9	4.54	0	66.67	33.33

在国际合作机构方面，综合图 3.2 和表 3.2 分析结果显示，五年间浙大与南洋理工大学、密歇根州立大学、新加坡国立大学、新加坡科技设计大学、滑铁卢大学、伯恩茅斯大学、新加坡管理大学、伊利诺伊大学、维多利亚大学、麦吉尔大学等机构间合作密切，其中与澳大利亚的 Victoria University、University of Adelaide 的合作论文产生的绩效最为明显，合作论文中近 50% 的论文都是高影响力论文（被引前 1% 的论文）。其他 8 个合作绩效较高的机构分别是 University of Waterloo、University of Glamorgan、City University of Hong Kong、Nanyang Technological University、Nanyang Technological University & National Institute of Education (NIE) Singapore、University of Illinois System、Purdue University、Michigan State University。



图 3.2 浙江大学 ESI-Computer Science 学科国际合作机构网络图

表 3.2 浙江大学 ESI-Computer Science 学科国际合作机构合作绩效对比分析

合作机构名称	WOS 论文数	被引 频次	篇均 被引	高被引 论文数	平均 百分位	学科规范 化的引文 影响力	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	国家/地区
Victoria University	9	444	49.33	4	20.63	10.78	44.44	77.78	44.44	AUSTRALIA
University of Adelaide	9	340	37.78	4	12.71	10.9	44.44	88.89	44.44	AUSTRALIA
University of Waterloo	16	204	12.75	0	27.14	2.51	0	37.5	0	CANADA
University of Glamorgan	3	189	63	1	2.21	8.47	33.33	100	33.33	WALES
City University of Hong Kong	16	184	11.5	1	27.45	2.11	0	31.25	6.25	HONG KONG
Nanyang Technological University	27	164	6.07	0	57.52	0.92	0	11.11	0	SINGAPORE
University of Illinois System	14	139	9.93	0	55.14	1.42	0	14.29	0	USA
Purdue University	7	138	19.71	1	24.28	3.78	14.29	57.14	14.29	USA
Michigan State University	21	129	6.14	1	53.16	1.39	4.76	9.52	4.76	USA
Singapore University of Technology & Design	20	128	6.4	0	34.17	2.03	0	35	0	SINGAPORE

4 总结及建议

● 整体情况及多维绩效对比

2011-2015 年，我校 ESI-Computer Science 学科共发表国际合作论文 592 篇，占总发文量的比例高达 38.97%。我校 ESI-Computer Science 学科国际合作论文在多项反映研究质量的指标上明显优于非国际合作论文。

● 年度发展态势良好

我校 ESI-Computer Science 学科无论是国际合作论文还是非国际合作论文，整体发展态势良好，呈持续稳定增长，国际合作论文比率也自 2012 年来发展迅速，2015 年已达到 42%。国际合作论文无论是学科规范化引文影响力、还是发文期刊影响力，年度数据都呈现整体上升态势。

● 合作布局分析

我校 ESI-Computer Science 学科合作范围很广，共涉及 48 个国家（地区），400 余个机构。其中与美国合作发文最多，与澳大利亚的 Victoria University、University of Adelaide 的合作论文产生的绩效最为明显，合作论文中近 50% 的论文都是高影响力论文（归一化被引次数居全球前 1% 的论文）。

● 建议

从进一步的浙江大学 ESI-Computer Science 学科国际合作论文的深度分析结果来看，尽管以我为主的国际合作论文比例（浙大作者为第一或通讯作者）已经达到 65.4%，但从长远来看我们在国际合作地位上还有进一步提升的空间，所以我校 ESI-Computer Science 学科在关注自主研究的同时，可以继续瞄准国际前沿和世界重大问题、加强与国际先进研究团队的合作，提升国际合作绩效，通过国际合作带动自主研究的发展。

附录

附录一 浙江大学 ESI-Computer Science 学科 2011-2015 年国际合作区域表⁷

名称	Web of Science 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	国际合作 论文	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	高被引 论文
USA	121	1.47	772	79.34	6.38	121	48.82	4.13	17.36	3.31	4
SINGAPORE	57	2.14	580	92.98	10.18	57	34.09	7.02	22.81	5.26	3
UNITED KINGDOM	36	2.55	281	94.44	7.81	36	28.52	8.33	27.78	5.56	2
ENGLAND	28	1.77	212	82.14	7.57	28	44.38	7.14	25	7.14	2
AUSTRALIA	21	1.82	210	85.71	10	21	42.27	4.76	19.05	4.76	1
CANADA	19	1.15	83	78.95	4.37	19	54.39	5.26	5.26	5.26	1
HONG KONG	17	1.85	175	82.35	10.29	17	46.5	5.88	23.53	5.88	1
FRANCE	12	2.45	168	100	14	12	22	8.33	25	8.33	1
JAPAN	11	2.17	103	90.91	9.36	11	42.65	18.18	18.18	9.09	1

⁷ 表格按照 Web of Science 论文数降序排列

名称	Web of Science 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	国际合作 论文	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	高被引 论文
ITALY	8	1.19	33	87.5	4.13	8	43.61	0	0	0	0
SWEDEN	8	0.71	30	75	3.75	8	59.56	0	0	0	0
FINLAND	7	0.88	25	100	3.57	7	51.09	0	0	0	0
GERMANY (FED REP GER)	6	2.31	31	100	5.17	6	24.8	0	33.33	0	0
WALES	6	1.72	31	83.33	5.17	6	53.39	16.67	16.67	16.67	1
SOUTH KOREA	5	2.51	54	80	10.8	5	48.86	20	40	20	1
PAKISTAN	5	1.44	38	100	7.6	5	32.62	0	0	0	0
QATAR	5	0.59	25	80	5	5	61.25	0	0	0	0
SCOTLAND	4	6.77	121	100	30.25	4	1.57	50	100	50	2
ISRAEL	4	2.32	51	100	12.75	4	22.97	0	25	0	0
GREECE	4	2.78	43	75	10.75	4	43.85	25	50	25	1
NORWAY	4	3.07	34	75	8.5	4	49.33	25	25	25	1
SRI LANKA	4	2.71	27	75	6.75	4	44.92	25	25	25	1
NETHERLANDS	3	4.19	51	100	17	3	17.73	33.33	66.67	33.33	1

名称	Web of Science 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	国际合作 论文	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	高被引 论文
BRAZIL	3	2.92	44	100	14.67	3	35.53	33.33	33.33	33.33	1
UNITED ARAB EMIRATES	3	2.92	44	100	14.67	3	35.53	33.33	33.33	33.33	1
BELGIUM	3	3.23	24	100	8	3	34.08	33.33	33.33	33.33	1
SWITZERLAND	2	4.66	26	100	13	2	10.78	50	50	50	1
TAIWAN	2	1.28	9	100	4.5	2	40.83	0	0	0	0
AUSTRIA	2	0.51	6	100	3	2	61.75	0	0	0	0
DENMARK	2	0	0	0	0	2	100	0	0	0	0
SAUDI ARABIA	1	7.53	21	100	21	1	0.59	100	100	100	1
CYPRUS	1	7.53	21	100	21	1	0.59	100	100	100	1
MACAU	1	7.53	21	100	21	1	0.59	100	100	100	1
LUXEMBOURG	1	7.53	21	100	21	1	0.59	100	100	100	1
SPAIN	1	7.53	21	100	21	1	0.59	100	100	100	1
IRAN	1	7.53	21	100	21	1	0.59	100	100	100	1
VIETNAM	1	7.53	21	100	21	1	0.59	100	100	100	1

名称	Web of Science 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	国际合作 论文	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	高被引 论文
NORTHERN IRELAND	1	7.53	21	100	21	1	0.59	100	100	100	1
CHILE	1	7.53	21	100	21	1	0.59	100	100	100	1
SLOVAKIA	1	7.53	21	100	21	1	0.59	100	100	100	1
PORTUGAL	1	7.53	21	100	21	1	0.59	100	100	100	1
LEBANON	1	7.53	21	100	21	1	0.59	100	100	100	1
BRUNEI	1	2.16	10	100	10	1	14.17	0	0	0	0
RUSSIA	1	1.08	7	100	7	1	34.17	0	0	0	0
INDIA	1	0.61	5	100	5	1	51.12	0	0	0	0
BULGARIA	1	0.46	3	100	3	1	59.93	0	0	0	0
EGYPT	1	0.41	3	100	3	1	65.83	0	0	0	0
TURKEY	1	0.72	2	100	2	1	49.91	0	0	0	0

附录二 浙江大学 ESI-Computer Science 学科 2011-2015 年国际合作机构表⁸

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
Nanyang Technological University	27	0.92	164	74.07	SINGAPORE	6.07	27	57.52	0	11.11	0	0	5
National University of Singapore	21	2.12	127	80.95	SINGAPORE	6.05	21	42.23	9.52	28.57	9.52	2	6
Michigan State University	21	1.39	129	61.9	USA	6.14	21	53.16	4.76	9.52	4.76	1	6
Singapore University of Technology & Design	20	2.03	128	90	SINGAPORE	6.4	20	34.17	0	35	0	0	7
Chinese Academy of Sciences	20	0.69	58	50	CHINA MAINLAND	2.9	20	65.92	0	5	0	0	4
University of California System	17	0.86	66	70.59	USA	3.88	17	52.58	0	5.88	0	0	6
University of Waterloo	16	2.51	204	87.5	CANADA	12.75	16	27.14	0	37.5	0	0	8
City University of Hong Kong	16	2.11	184	100	HONG KONG	11.5	16	27.45	0	31.25	6.25	1	7
Tsinghua University	15	1.46	114	93.33	CHINA MAINLAND	7.6	15	34.06	0	20	0	0	6

⁸表格按照 Web of Science 论文数降序排列，取发文量大于 1 的机构

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
Southeast University	15	2.42	83	66.67	CHINA MAINLAND	5.53	15	50.33	0	33.33	13.33	2	6
Universite Paris Saclay (ComUE)	15	1.36	40	66.67	FRANCE	2.67	15	52.69	0	13.33	0	0	3
Singapore Management University	15	0.8	48	66.67	SINGAPORE	3.2	15	57.01	0	0	0	0	4
Bournemouth University	15	0.74	31	66.67	ENGLAND	2.07	15	62.26	0	6.67	0	0	3
Microsoft	14	1.32	61	78.57	USA	4.36	14	40.44	0	14.29	0	0	5
University of Illinois System	14	1.42	139	71.43	USA	9.93	14	55.14	0	14.29	0	0	4
Hangzhou Normal University	14	0.98	33	64.29	CHINA MAINLAND	2.36	14	57.44	0	7.14	0	0	4
Zhejiang University of Technology	12	0.88	28	83.33	CHINA MAINLAND	2.33	12	54.82	0	8.33	0	0	3
Hong Kong University of Science & Technology	11	1.57	48	90.91	HONG KONG	4.36	11	35.52	0	18.18	0	0	4
University of Houston	11	0.76	21	90.91	USA	1.91	11	47.84	0	0	0	0	3
University of Illinois Urbana-Champaign	11	1.09	69	72.73	USA	6.27	11	53.65	0	9.09	0	0	3
McGill University	11	0.88	35	63.64	CANADA	3.18	11	53.89	0	9.09	0	0	4

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
Hangzhou Dianzi University	11	0.49	27	54.55	CHINA MAINLAND	2.45	11	66.29	0	0	0	0	4
Ecole Superior Electrical (SUPELEC)	10	1.8	37	80	FRANCE	3.7	10	39.65	0	20	0	0	3
CentraleSupélec	10	1.8	37	80	FRANCE	3.7	10	39.65	0	20	0	0	3
University of Adelaide	9	10.9	340	88.89	AUSTRALIA	37.78	9	12.71	44.44	88.89	44.44	4	7
Victoria University	9	10.78	444	88.89	AUSTRALIA	49.33	9	20.63	44.44	77.78	44.44	4	7
VTT Technical Research Center Finland	9	1.67	86	77.78	FINLAND	9.56	9	41.23	0	11.11	0	0	4
Simon Fraser University	9	1.19	49	77.78	CANADA	5.44	9	46.08	0	22.22	0	0	3
Dalian University of Technology	9	0.62	32	66.67	CHINA MAINLAND	3.56	9	58.8	0	0	0	0	3
Georgia Institute of Technology	8	3.3	38	100	USA	4.75	8	20.54	0	50	0	0	4
University of London	8	1.49	68	100	ENGLAND	8.5	8	33.28	0	25	0	0	4
University of Electronic Science & Technology of China	8	1.65	23	75	CHINA MAINLAND	2.88	8	44.96	0	25	0	0	3
University of Hong	8	0.63	43	75	HONG	5.38	8	54.92	0	0	0	0	4

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
Kong					KONG								
University of Nevada Las Vegas	8	0.34	17	50	USA	2.13	8	73.12	0	0	0	0	2
Purdue University	7	3.78	138	85.71	USA	19.71	7	24.28	14.29	57.14	14.29	1	5
Microsoft Research Asia	7	1.56	46	85.71	CHINA MAINLAND	6.57	7	31.11	0	14.29	0	0	5
University of Tennessee Knoxville	7	2.51	69	85.71	USA	9.86	7	31.2	0	28.57	0	0	4
Zhejiang Gongshang University	7	2.98	34	85.71	CHINA MAINLAND	4.86	7	37.47	0	57.14	0	0	4
University of North Carolina Chapel Hill	7	1.04	47	85.71	USA	6.71	7	38.1	0	0	0	0	4
Ohio State University	7	0.58	18	71.43	USA	2.57	7	59.26	0	0	0	0	3
University of Science & Technology of China	7	0.35	9	71.43	CHINA MAINLAND	1.29	7	72.04	0	0	0	0	2
PLA University of Science & Technology	6	2.8	31	100	CHINA MAINLAND	5.17	6	27.93	0	33.33	16.67	1	3
University of Newcastle	6	1.73	31	100	AUSTRALIA	5.17	6	29.53	0	16.67	0	0	4
European University Bretagne	6	1.36	19	100	FRANCE	3.17	6	30.02	0	0	0	0	3

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
Pennsylvania Commonwealth System of Higher Education (PCSHE)	6	2.71	61	83.33	USA	10.17	6	31.66	0	50	0	0	3
Shenzhen University	6	1.75	47	100	CHINA MAINLAND	7.83	6	34.56	0	33.33	0	0	3
Beijing University of Posts & Telecommunications	6	4.64	39	83.33	CHINA MAINLAND	6.5	6	35.14	16.67	16.67	16.67	1	3
Wenzhou University	6	0.95	34	83.33	CHINA MAINLAND	5.67	6	39.73	0	0	0	0	4
Inria	6	1.54	55	100	FRANCE	9.17	6	39.91	0	33.33	0	0	4
University of Technology Sydney	6	0.98	30	83.33	AUSTRALIA	5	6	42.43	0	0	0	0	3
University of Trento	6	2.82	43	66.67	ITALY	7.17	6	43.06	16.67	33.33	16.67	1	3
University of Minnesota System	6	1.36	26	83.33	USA	4.33	6	43.74	0	33.33	0	0	3
University of Kentucky	6	1.22	45	83.33	USA	7.5	6	47.29	0	16.67	0	0	3
University of Edinburgh	6	1.06	30	83.33	SCOTLAND	5	6	50.55	0	16.67	0	0	2
Texas A & M University Qatar	6	2.04	27	66.67	QATAR	4.5	6	52.78	0	33.33	16.67	1	3
Huazhong University	6	0.99	19	66.67	CHINA	3.17	6	54.95	0	0	0	0	2

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
of Science & Technology					MAINLAND								
California Institute of Technology	6	0.77	27	66.67	USA	4.5	6	56.84	0	0	0	0	3
Shanghai Jiao Tong University	6	0.65	16	66.67	CHINA MAINLAND	2.67	6	60.05	0	0	0	0	2
Chinese University of Hong Kong	6	0.44	17	50	HONG KONG	2.83	6	67.1	0	0	0	0	2
Cardiff University	6	0.41	12	66.67	WALES	2	6	67.7	0	0	0	0	2
Arizona State University	6	0.97	19	66.67	USA	3.17	6	68.21	0	16.67	0	0	2
University of California Irvine	6	0.52	16	50	USA	2.67	6	68.6	0	0	0	0	2
University of Bedfordshire	6	0.25	10	50	ENGLAND	1.67	6	76.12	0	0	0	0	2
University of Peradeniya	5	9.58	69	100	SRI LANKA	13.8	5	2.9	20	100	40	2	5
University of Queensland	5	3.6	57	80	AUSTRALIA	11.4	5	26.57	20	60	20	1	4
University College London	5	1.16	30	100	ENGLAND	6	5	33.64	0	20	0	0	3
University of California Berkeley	5	1.3	31	100	USA	6.2	5	34.16	0	20	0	0	3

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
South China University of Technology	5	1.29	17	80	CHINA MAINLAND	3.4	5	40.18	0	0	0	0	2
University of North Carolina Charlotte	5	0.91	15	80	USA	3	5	54.73	0	0	0	0	2
University of California Davis	5	0.78	16	60	USA	3.2	5	56.43	0	0	0	0	2
University of Missouri System	5	0.63	10	40	USA	2	5	69.69	0	0	0	0	2
Columbia University	5	0.6	8	40	USA	1.6	5	70.81	0	0	0	0	2
Zhejiang University of Finance & Economics	5	0.41	4	60	CHINA MAINLAND	0.8	5	71.97	0	0	0	0	1
University of Sydney	5	0.45	6	40	AUSTRALIA	1.2	5	75.78	0	0	0	0	1
University of Oslo	4	3.53	97	100	NORWAY	24.25	4	10.44	0	50	0	0	4
Beihang University	4	2.59	20	100	CHINA MAINLAND	5	4	18.33	0	50	0	0	3
Auburn University	4	1.84	37	100	USA	9.25	4	30.7	0	25	0	0	3
Northeastern University	4	2.74	55	75	CHINA MAINLAND	13.75	4	34.01	0	50	0	0	3
Wuhan University	4	2	22	75	CHINA MAINLAND	5.5	4	36.37	0	25	0	0	2

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
Stanford University	4	1.79	17	75	USA	4.25	4	42.47	0	25	0	0	2
Xiamen University	4	1.19	11	75	CHINA MAINLAND	2.75	4	50.28	0	25	0	0	2
University of York	4	0.69	15	75	ENGLAND	3.75	4	50.73	0	0	0	0	3
Nanjing University of Aeronautics & Astronautics	4	1.7	6	50	CHINA MAINLAND	1.5	4	55.74	0	25	0	0	2
Rochester Institute of Technology	4	0.66	6	100	USA	1.5	4	55.96	0	0	0	0	1
University of Manchester	4	1.36	7	75	ENGLAND	1.75	4	57.06	0	25	0	0	2
Peking University	4	2.64	33	50	CHINA MAINLAND	8.25	4	58.99	25	25	25	1	2
Zhengzhou University	4	0.47	5	75	CHINA MAINLAND	1.25	4	61.72	0	0	0	0	2
Southwest Jiaotong University	4	0.37	9	75	CHINA MAINLAND	2.25	4	65.44	0	0	0	0	2
University of Yamanashi	4	0.38	10	50	JAPAN	2.5	4	70.65	0	0	0	0	2
University of Paris Sud	4	0.62	3	50	FRANCE	0.75	4	73.45	0	0	0	0	1
Curtin University	4	0.13	2	50	AUSTRALIA	0.5	4	85.94	0	0	0	0	1

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
University of Wollongong	4	0.08	2	25	AUSTRALIA	0.5	4	91.41	0	0	0	0	1
Suzhou University	4	0	0	0	CHINA MAINLAND	0	4	100	0	0	0	0	0
University of Glamorgan	3	8.47	189	100	WALES	63	3	2.21	33.33	100	33.33	1	3
Penn State University	3	2.74	28	100	USA	9.33	3	17.09	0	66.67	0	0	2
University of Qatar	3	2.49	34	100	QATAR	11.33	3	17.85	0	33.33	0	0	2
University of Washington	3	2.51	14	100	USA	4.67	3	19.19	0	66.67	0	0	2
Florida State University System	3	2.79	56	100	USA	18.67	3	23.12	0	66.67	0	0	3
Technion Israel Institute of Technology	3	1.41	33	100	ISRAEL	11	3	23.38	0	0	0	0	3
University of Nebraska System	3	1.38	24	100	USA	8	3	23.84	0	0	0	0	3
Dalarna University	3	1.61	21	100	SWEDEN	7	3	25.23	0	33.33	0	0	2
Saint Francis Xavier University	3	1.4	18	100	CANADA	6	3	25.92	0	0	0	0	2
University of Western Macedonia	3	4.06	80	100	GREECE	26.67	3	27.11	0	66.67	33.33	1	2

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
University of Michigan	3	1.36	16	100	USA	5.33	3	27.12	0	0	0	0	2
North Carolina State University	3	1.22	17	100	USA	5.67	3	28.77	0	0	0	0	3
Zhejiang Sci-Tech University	3	1.1	20	100	CHINA MAINLAND	6.67	3	35.49	0	0	0	0	2
Washington University (WUSTL)	3	1.2	13	100	USA	4.33	3	38.67	0	33.33	0	0	3
University of Wisconsin System	3	0.94	20	100	USA	6.67	3	41.01	0	0	0	0	2
Chalmers University of Technology	3	1.55	23	100	SWEDEN	7.67	3	41.45	0	33.33	0	0	2
National University of Defence Technology	3	1.34	36	66.67	CHINA MAINLAND	12	3	43.16	0	33.33	0	0	2
Royal Institute of Technology	3	1	10	100	SWEDEN	3.33	3	44.84	0	0	0	0	1
University of Texas Austin	3	1.11	30	66.67	USA	10	3	44.93	0	0	0	0	2
University of New South Wales	3	1.09	12	100	AUSTRALIA	4	3	45.26	0	33.33	0	0	2
Temple University	3	2.68	33	66.67	USA	11	3	46.23	0	33.33	0	0	1
University System of Maryland	3	1.02	12	66.67	USA	4	3	47.78	0	0	0	0	2

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
University of Liverpool	3	0.82	22	66.67	ENGLAND	7.33	3	48.66	0	0	0	0	2
University of Zurich	3	0.57	14	100	SWITZERLAND	4.67	3	52.01	0	0	0	0	2
State University of New York (SUNY) System	3	0.58	7	100	USA	2.33	3	54.74	0	0	0	0	2
University of Birmingham	3	1.25	10	66.67	ENGLAND	3.33	3	56.47	0	33.33	0	0	1
University of Arizona	3	0.52	14	66.67	USA	4.67	3	59.05	0	0	0	0	2
University of Illinois Chicago	3	2.61	70	66.67	USA	23.33	3	60.58	0	33.33	0	0	1
University of Illinois Chicago Hospital	3	2.61	70	66.67	USA	23.33	3	60.58	0	33.33	0	0	1
University of Bristol	3	0.66	13	66.67	ENGLAND	4.33	3	60.77	0	0	0	0	2
Virginia Polytechnic Institute & State University	3	0.5	4	66.67	USA	1.33	3	61.25	0	0	0	0	2
Korea Advanced Institute of Science & Technology (KAIST)	3	0.5	11	66.67	SOUTH KOREA	3.67	3	62.64	0	0	0	0	1
University of Tokyo	3	0.4	7	66.67	JAPAN	2.33	3	65.68	0	0	0	0	2
Shanghai University	3	0.5	2	66.67	CHINA MAINLAND	0.67	3	66.82	0	0	0	0	1

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University of Delaware	3	0.48	3	66.67	USA	1	3	67.65	0	0	0	0	1
Carnegie Mellon University	3	0.48	3	66.67	USA	1	3	67.65	0	0	0	0	1
Illinois Institute of Technology	3	0.75	6	33.33	USA	2	3	70.72	0	0	0	0	1
University of Missouri Columbia	3	0.3	8	33.33	USA	2.67	3	77.08	0	0	0	0	1
Qualcomm	3	0.38	1	33.33	USA	0.33	3	79.11	0	0	0	0	1
Commonwealth Scientific & Industrial Research Organisation (CSIRO)	3	0.2	2	66.67	AUSTRALIA	0.67	3	79.92	0	0	0	0	1
University of Alabama System	3	0.25	2	33.33	USA	0.67	3	80.63	0	0	0	0	1
Technical University of Munich	3	0.19	5	33.33	GERMANY (FED REP GER)	1.67	3	81.8	0	0	0	0	1
Imperial College London	3	0.2	4	33.33	ENGLAND	1.33	3	81.85	0	0	0	0	1
University of Rochester	3	0.12	2	66.67	USA	0.67	3	85.74	0	0	0	0	1
Qingdao Technological University	3	0	0	0	CHINA MAINLAND	0	3	100	0	0	0	0	0
Sungkyunkwan	2	13.96	38	100	SOUTH	19	2	0.8	50	100	50	1	2

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
University					KOREA								
Yeungnam University	2	5.92	40	100	SOUTH KOREA	20	2	2.51	0	100	0	0	2
Donghua University	2	4.9	18	100	CHINA MAINLAND	9	2	4.29	0	100	0	0	2
Princeton University	2	12.65	27	100	USA	13.5	2	4.8	50	100	50	1	2
United Arab Emirates University	2	5.46	23	100	UNITED ARAB EMIRATES	11.5	2	5.4	0	100	0	0	2
Telecom SudParis	2	2.14	24	100	FRANCE	12	2	12.02	0	0	0	0	2
University of Texas Arlington	2	2.24	27	100	USA	13.5	2	12.54	0	50	0	0	2
Tel Aviv University	2	2.12	19	100	ISRAEL	9.5	2	14.91	0	50	0	0	2
University of New Mexico	2	2.27	4	100	USA	2	2	17.2	0	0	0	0	2
University of Nebraska Lincoln	2	1.64	20	100	USA	10	2	17.61	0	0	0	0	2
Oklahoma State University System	2	2.18	18	100	USA	9	2	17.7	0	50	0	0	2
University of Texas Dallas	2	1.89	9	100	USA	4.5	2	18.53	0	0	0	0	2
Uppsala University	2	1.82	16	100	SWEDEN	8	2	18.62	0	50	0	0	2

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University of Connecticut	2	1.89	6	100	USA	3	2	19.18	0	0	0	0	2
Tianjin University	2	2.63	12	100	CHINA MAINLAND	6	2	20.88	0	50	0	0	1
University of Maryland College Park	2	1.54	12	100	USA	6	2	21.67	0	0	0	0	2
International Business Machines (IBM)	2	2.13	7	100	USA	3.5	2	22.86	0	50	0	0	2
Eindhoven University of Technology	2	1.32	20	100	NETHERLANDS	10	2	25.19	0	0	0	0	2
Kings College London	2	2.64	34	100	ENGLAND	17	2	30.87	0	50	0	0	2
Changsha University of Science & Technology	2	1.41	15	100	CHINA MAINLAND	7.5	2	31.34	0	0	0	0	2
Florida International University	2	2.37	32	100	USA	16	2	32.15	0	50	0	0	2
University of Luxembourg	2	4.14	22	100	LUXEMBOURG	11	2	32.2	0	50	0	0	1
Yokohama National University	2	1.06	14	100	JAPAN	7	2	32.23	0	0	0	0	2
Nanjing University	2	1.48	10	100	CHINA MAINLAND	5	2	35.08	0	50	0	0	2
Australian Defense Force Academy	2	1.48	10	100	AUSTRALIA	5	2	35.08	0	50	0	0	2

名称	Web of Science 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	国家	引文影响力	国际合作论文	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	高被引论文	h 指数
Deakin University	2	1.13	2	100	AUSTRALIA	1	2	37.34	0	0	0	0	1
COMSATS Institute of Information Technology (CIIT)	2	1.13	2	100	PAKISTAN	1	2	37.34	0	0	0	0	1
Yale University	2	0.75	4	100	USA	2	2	46.21	0	0	0	0	1
Aalto University	2	0.75	4	100	FINLAND	2	2	46.21	0	0	0	0	1
University of Sindh	2	0.75	4	100	PAKISTAN	2	2	46.21	0	0	0	0	1
Chongqing University of Posts & Telecommunications	2	1	6	100	CHINA MAINLAND	3	2	49.78	0	0	0	0	1
Hokkaido University	2	0.75	2	100	JAPAN	1	2	50.24	0	0	0	0	1
Aristotle University of Thessaloniki	2	5.1	9	50	GREECE	4.5	2	50.54	0	50	50	1	1
Khalifa University of Science Technology & Research	2	5.1	9	50	UNITED ARAB EMIRATES	4.5	2	50.54	0	50	50	1	1
Nokia Corporation	2	3.46	62	50	FINLAND	31	2	50.71	0	50	0	0	1
University of Miami	2	0.52	7	100	USA	3.5	2	51.5	0	0	0	0	1
Indiana University System	2	1.73	16	50	USA	8	2	52.72	0	50	0	0	1
China Three Gorges	2	2.27	4	50	CHINA	2	2	52.88	0	50	0	0	1

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University					MAINLAND								
University of Wisconsin Milwaukee	2	0.51	4	100	USA	2	2	54.48	0	0	0	0	1
State Key Laboratory of Transient Optics & Photonics	2	1.7	3	50	CHINA MAINLAND	1.5	2	54.71	0	50	0	0	1
College of Staten Island (CUNY)	2	1.14	15	50	USA	7.5	2	55.45	0	0	0	0	1
University of Texas at San Antonio (UTSA)	2	1.14	15	50	USA	7.5	2	55.45	0	0	0	0	1
City University of New York (CUNY) System	2	1.14	15	50	USA	7.5	2	55.45	0	0	0	0	1
Centre National de la Recherche Scientifique (CNRS)	2	0.43	7	100	FRANCE	3.5	2	55.51	0	0	0	0	2
Oak Ridge National Laboratory	2	0.48	5	100	USA	2.5	2	55.73	0	0	0	0	2
United States Department of Energy (DOE)	2	0.48	5	100	USA	2.5	2	55.73	0	0	0	0	2
China University of Petroleum	2	0.84	15	50	CHINA MAINLAND	7.5	2	57.66	0	0	0	0	1
Missouri University of	2	1.13	2	50	USA	1	2	58.6	0	0	0	0	1

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Science & Technology													
National Cheng Kung University	2	1.13	2	50	TAIWAN	1	2	58.6	0	0	0	0	1
Xidian University	2	1.13	2	50	CHINA MAINLAND	1	2	58.6	0	0	0	0	1
General Motors Company	2	0.65	6	50	USA	3	2	61.97	0	0	0	0	1
Communaute d'Universites et Etablissements d'Aquitaine (ComUE)	2	0.33	6	100	FRANCE	3	2	64.6	0	0	0	0	1
Western Sydney University	2	0.56	3	50	AUSTRALIA	1.5	2	64.64	0	0	0	0	1
University Town of Shenzhen	2	0.45	6	50	CHINA MAINLAND	3	2	66.47	0	0	0	0	1
University of Warwick	2	0.43	4	50	ENGLAND	2	2	68.16	0	0	0	0	1
Stevens Institute of Technology	2	0.57	1	50	USA	0.5	2	68.67	0	0	0	0	1
Vienna University of Technology	2	0.57	1	50	AUSTRIA	0.5	2	68.67	0	0	0	0	1
Concordia University - Canada	2	0.57	1	50	CANADA	0.5	2	68.67	0	0	0	0	1
Northwestern	2	0.57	1	50	CHINA	0.5	2	68.67	0	0	0	0	1

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Polytechnical University					MAINLAND								
Aberystwyth University	2	0.57	1	50	WALES	0.5	2	68.67	0	0	0	0	1
Medical College of Wisconsin	2	0.38	2	50	USA	1	2	70.94	0	0	0	0	1
University of South Carolina System	2	0.26	2	100	USA	1	2	71.88	0	0	0	0	1
Northwestern University	2	0.32	3	50	USA	1.5	2	72.92	0	0	0	0	1
Chongqing University	2	0.24	2	100	CHINA MAINLAND	1	2	73.46	0	0	0	0	1
Shandong University	2	0.22	3	100	CHINA MAINLAND	1.5	2	73.81	0	0	0	0	1
University of Bielefeld	2	0.17	3	100	GERMANY (FED REP GER)	1.5	2	77.41	0	0	0	0	1
Ningbo University	2	0.17	3	50	CHINA MAINLAND	1.5	2	80.37	0	0	0	0	1
University of Nottingham	2	0.19	1	50	ENGLAND	0.5	2	81.57	0	0	0	0	1
San Jose State University	2	0.11	1	50	USA	0.5	2	88.31	0	0	0	0	1

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Wright State University Dayton	2	0.11	1	50	USA	0.5	2	88.31	0	0	0	0	1
China Jiliang University	2	0.11	1	50	CHINA MAINLAND	0.5	2	88.31	0	0	0	0	1
California State University System	2	0.11	1	50	USA	0.5	2	88.31	0	0	0	0	1
Central South University	2	0.08	1	50	CHINA MAINLAND	0.5	2	90.31	0	0	0	0	1
Harbin Institute of Technology	2	0.06	1	50	CHINA MAINLAND	0.5	2	91.9	0	0	0	0	1
University of Alabama Tuscaloosa	2	0	0	0	USA	0	2	100	0	0	0	0	0
Cornell University	2	0	0	0	USA	0	2	100	0	0	0	0	0
Aalborg University	2	0	0	0	DENMARK	0	2	100	0	0	0	0	0
Wuhan University of Technology	2	0	0	0	CHINA MAINLAND	0	2	100	0	0	0	0	0
Queens University Belfast	2	0	0	0	NORTHERN IRELAND	0	2	100	0	0	0	0	0
Swansea University	2	0	0	0	WALES	0	2	100	0	0	0	0	0
CEA	2	0	0	0	FRANCE	0	2	100	0	0	0	0	0

附录三 浙江大学 ESI-Computer Science 学科 2011-2015 年“以我为主”国际合作论文表^{9,10}

论文标题	作者	来源	出版年	INCITES 被引频次	学科规 范化的 引文影 响力	学科领域 百分位	期刊影 响因子
Stochastic Synchronization of Markovian Jump Neural Networks With Time-Varying Delay Using Sampled Data	Wu, Zheng-Guang; Shi, Peng; Su, Hongye; Chu, Jian	IEEE TRANSACTIONS ON CYBERNETICS	2013	163	35.21	0.04	4.94
Exponential Synchronization of Neural Networks With Discrete and Distributed Delays Under Time-Varying Sampling	Wu, Zheng-Guang; Shi, Peng; Su, Hongye; Chu, Jian	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS	2012	108	16.37	0.24	4.85
Opinion Word Expansion and Target Extraction through Double Propagation	Qiu, Guang; Liu, Bing; Bu, Jiajun; Chen, Chun	COMPUTATIONAL LINGUISTICS	2011	69	7.69	1.13	2.02
A strong user authentication scheme with smart cards for wireless communications	He, Daojing; Ma, Maode; Zhang, Yan; Chen, Chun; Bu, Jiajun	COMPUTER COMMUNICATIONS	2011	58	6.47	1.61	2.1
Identification of cavities on protein surface using multiple computational approaches for drug binding site prediction	Zhang, Zengming; Li, YU; Lin, Biaoyang; Schroeder, Michael; Huang, Bingding	BIOINFORMATICS	2011	54	6.02	1.79	5.77

⁹ “以我为主”国际合作论文即第一作者或通讯作者单位为浙大的国际合作论文

¹⁰ 表格按照 INCITES 被引频次降序排列

论文标题	作者	来源	出版年	INCITES 被引频次	学科规 范化的 引文影 响力	学科领域 百分位	期刊影 响因子
Sampled-Data Exponential Synchronization of Complex Dynamical Networks With Time-Varying Coupling Delay	Wu, Zheng-Guang; Shi, Peng; Su, Hongye; Chu, Jian	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS	2013	54	11.67	0.5	4.85
ReTrust: Attack-Resistant and Lightweight Trust Management for Medical Sensor Networks	He, Daojing; Chen, Chun; Chan, Sammy; Bu, Jiajun; Vasilakos, Athanasios V.	IEEE TRANSACTIONS ON INFORMATION TECHNOLOGY IN BIOMEDICINE	2012	50	7.58	1.16	
Energy Provisioning in Wireless Rechargeable Sensor Networks	He, Shibo; Chen, Jiming; Jiang, Fachang; Yau, David K. Y.; Xing, Guoliang	IEEE TRANSACTIONS ON MOBILE COMPUTING	2013	49	10.59	0.59	2.46
Speed up kernel discriminant analysis	Cai, Deng; He, Xiaofei; Han, Jiawei	VLDB JOURNAL	2011	45	5.02	2.53	1.74
$l(2)$ - $l(\infty)$ filter design for discrete-time singular Markovian jump systems with time-varying delays	Wu, Zheng-Guang; Shi, Peng; Su, Hongye; Chu, Jian	INFORMATION SCIENCES	2011	45	5.02	2.53	3.36
Sampled-Data Synchronization of Chaotic Lur'e Systems With Time Delays	Wu, Zheng-Guang; Shi, Peng; Su, Hongye; Chu, Jian	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS	2013	40	8.64	0.9	4.85
Cross-Layer Cooperative MAC	Shan, Hangguan; Cheng,	IEEE TRANSACTIONS	2011	38	4.24	3.53	2.93

论文标题	作者	来源	出版年	INCITES 被引频次	学科规 范化的 引文影 响力	学科领域 百分位	期刊影 响因子
Protocol in Distributed Wireless Networks	Ho Ting; Zhuang, Weihua	ON WIRELESS COMMUNICATIONS					
Delay-dependent exponential stability analysis for discrete-time switched neural networks with time-varying delay	Wu, Zheng-Guang; Shi, Peng; Su, Hongye; Chu, Jian	NEUROCOMPUTING	2011	36	4.01	3.87	2.39
Cross-Layer Optimization of Correlated Data Gathering in Wireless Sensor Networks	He, Shibo; Chen, Jiming; Yau, David K. Y.; Sun, Youxian	IEEE TRANSACTIONS ON MOBILE COMPUTING	2012	34	5.15	2.64	2.46
Dissipativity Analysis for Discrete-Time Stochastic Neural Networks With Time-Varying Delays	Wu, Zheng-Guang; Shi, Peng; Su, Hongye; Chu, Jian	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS	2013	33	7.13	1.28	4.85
Probabilistic analysis of underground rock excavations using response surface method and SORM	Lu, Qing; Low, Bak Kong	COMPUTERS AND GEOTECHNICS	2011	32	3.57	4.72	1.71
Geocommunity-Based Broadcasting for Data Dissemination in Mobile Social Networks	Fan, Jialu; Chen, Jiming; Du, Yuan; Gao, Wei; Wu, Jie	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2013	32	6.91	1.35	2.66
Outage Probability of Dual-Hop Multiple Antenna AF Relaying Systems with Interference	Zhong, Caijun; Suraweera, Himal A.; Huang, Aiping; Zhang, Zhaoyang; Yuen, Chau	IEEE TRANSACTIONS ON COMMUNICATIONS	2013	30	6.48	1.59	2.3
Energy-Efficient Capture of	He, Shibo; Chen, Jiming;	IEEE TRANSACTIONS	2012	29	4.4	3.56	2.66

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Stochastic Events under Periodic Network Coverage and Coordinated Sleep	Yau, David K. Y.; Shao, Huanyu; Sun, Youxian	ON PARALLEL AND DISTRIBUTED SYSTEMS					
A Distributed Trust Evaluation Model and Its Application Scenarios for Medical Sensor Networks	He, Daojing; Chen, Chun; Chan, Sammy; Bu, Jiajun; Vasilakos, Athanasios V.	IEEE TRANSACTIONS ON INFORMATION TECHNOLOGY IN BIOMEDICINE	2012	29	4.4	3.56	
Secure Service Provision in Smart Grid Communications	He, Daojing; Chen, Chun; Bu, Jiajun; Chan, Sammy; Zhang, Yan	IEEE COMMUNICATIONS MAGAZINE	2012	27	4.09	4.05	5.13
Weakly Supervised Photo Cropping	Zhang, Luming; Song, Mingli; Yang, YI; Zhao, Qi; Zhao, Chen	IEEE TRANSACTIONS ON MULTIMEDIA	2014	26	9.78	0.81	2.54
Distributed sensor activation algorithm for target tracking with binary sensor networks	Chen, Jiming; Cao, Kejie; Li, Keyong; Sun, Youxian	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2011	24	2.68	7.7	1.51
Distributed Access Control with Privacy Support in Wireless Sensor Networks	He, Daojing; Bu, Jiajun; Zhu, Sencun; Chan, Sammy; Chen, Chun	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2011	23	2.56	8.16	2.93
EMD: Energy-Efficient P2P Message Dissemination in Delay-Tolerant	He, Shibo; Li, XU; Chen, Jiming; Cheng, Peng;	IEEE JOURNAL ON SELECTED AREAS IN	2013	22	4.75	2.97	3.67

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Wireless Sensor and Actor Networks	Sun, Youxian	COMMUNICATIONS					
Wireless Information and Power Transfer With Full Duplex Relaying	Zhong, Caijun; Suraweera, Himal A.; Zheng, Gan; Krikidis, Ioannis; Zhang, Zhaoyang	IEEE TRANSACTIONS ON COMMUNICATIONS	2014	21	7.9	1.26	2.3
Dynamics of argumentation systems: A division-based method	Liao, Beishui; Jin, Li; Koons, Robert C.	ARTIFICIAL INTELLIGENCE	2011	20	2.23	10	3.33
Mobility and Intruder Prior Information Improving the Barrier Coverage of Sparse Sensor Networks	He, Shibo; Chen, Jiming; Li, XU; Shen, Xuemin (Sherman); Sun, Youxian	IEEE TRANSACTIONS ON MOBILE COMPUTING	2014	20	7.52	1.39	2.46
Interactive Shape Interpolation through Controllable Dynamic Deformation	Huang, Jin; Tong, Yiying; Zhou, Kun; Bao, Hujun; Desbrun, Mathieu	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2011	19	2.12	10.89	1.4
Leveraging Prediction to Improve the Coverage of Wireless Sensor Networks	He, Shibo; Chen, Jiming; Li, XU; Shen, Xuemin (Sherman); Sun, Youxian	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2012	18	2.73	8.32	2.66
Exponential H-infinity Filtering for Discrete-Time Switched Neural Networks With Random Delays	Mathiyalagan, Kalidass; Su, Hongye; Shi, Peng; Sakthivel, Rathinasamy	IEEE TRANSACTIONS ON CYBERNETICS	2015	18	20.39	0.21	4.94
Trust Based Service Selection in Service Oriented Environment	Li, Jun; Zheng, Xiaolin; Chen, Deren; Song, William Wei	INTERNATIONAL JOURNAL OF WEB SERVICES RESEARCH	2012	17	2.58	9.06	0.26
Optimal Scheduling for Quality of	Cheng, Peng; He, Shibo;	IEEE TRANSACTIONS	2013	17	3.67	4.87	2.93

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Monitoring in Wireless Rechargeable Sensor Networks	Jiang, Fachang; Gu, Yu; Chen, Jiming	ON WIRELESS COMMUNICATIONS					
Reinforcement learning based resource allocation in business process management	Huang, ZhengXing; van der Aalst, W. M. P.; Lu, Xudong; Duan, Huilong	DATA & KNOWLEDGE ENGINEERING	2011	16	1.78	14.06	1.5
Feature level analysis for 3D facial expression recognition	Sha, Teng; Song, Mingli; Bu, Jiajun; Chen, Chun; Tao, Dacheng	NEUROCOMPUTING	2011	16	1.78	14.06	2.39
Semi-supervised Laplacian regularized least squares algorithm for localization in wireless sensor networks	Chen, Jiming; Wang, Chengqun; Sun, Youxian; Shen, Xuemin (Sherman)	COMPUTER NETWORKS	2011	16	1.78	14.06	1.45
A Lightweight and Density-Aware Reprogramming Protocol for Wireless Sensor Networks	Dong, Wei; Chen, Chun; Liu, Xue; Bu, Jiajun; Gao, Yi	IEEE TRANSACTIONS ON MOBILE COMPUTING	2011	16	1.78	14.06	2.46
Maintaining Quality of Sensing with Actors in Wireless Sensor Networks	He, Shibo; Chen, Jiming; Cheng, Peng; Gu, Yu (Jason); He, Tian	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2012	16	2.43	9.97	2.66
Semantic Web meets Integrative Biology: a survey	Chen, Huajun; Yu, Tong; Chen, Jake Y.	BRIEFINGS IN BIOINFORMATICS	2013	16	3.46	5.44	8.4
Distributed Sampling Rate Control for Rechargeable Sensor Nodes with Limited Battery Capacity	Zhang, Yongmin; He, Shibo; Chen, Jiming; Sun, Youxian; Shen, Xuemin (Sherman)	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2013	16	3.46	5.44	2.93

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Design of a multiple kernel learning algorithm for LS-SVM by convex programming	Jian, Ling; Xia, Zhonghang; Liang, Xijun; Gao, Chuanhou	NEURAL NETWORKS	2011	15	1.67	15.32	3.22
Genome plasticity and systems evolution in Streptomyces	Zhou, Zhan; Gu, Jianying; Li, Yong-Quan; Wang, Yufeng	BMC BIOINFORMATICS	2012	15	2.27	10.9	2.44
Exponential H-infinity Synchronization and State Estimation for Chaotic Systems via a Unified Model	Liu, Meiqin; Zhang, Senlin; Fan, Zhen; Zheng, Shiyou; Sheng, Weihua	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS	2013	15	3.24	6.11	4.85
Prediction of urban human mobility using large-scale taxi traces and its applications	Li, Xiaolong; Pan, Gang; Wu, Zhaohui; Qi, Guande; Li, Shijian	FRONTIERS OF COMPUTER SCIENCE	2012	14	2.12	12.08	0.66
Assessment of Expressway Traffic Safety Using Gaussian Mixture Model based on Time to Collision	Jin, Sheng; Qu, Xiaobo; Wang, Dianhai	INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS	2011	14	1.56	16.7	0.39
Blue noise sampling of surfaces	Xu, Yin; Hu, Ruizhen; Gotsman, Craig; Liu, Ligang	COMPUTERS & GRAPHICS-UK	2012	14	2.12	12.08	1.12
ConSub: Incentive-Based Content Subscribing in Selfish Opportunistic Mobile Networks	Zhou, Huan; Chen, Jiming; Fan, Jialu; Du, Yuan; Das, Sajal K.	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	2013	14	3.02	6.89	3.67

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Local Synchronization of Chaotic Neural Networks With Sampled-Data and Saturating Actuators	Wu, Zheng-Guang; Shi, Peng; Su, Hongye; Chu, Jian	IEEE TRANSACTIONS ON CYBERNETICS	2014	14	5.26	2.83	4.94
Continuous visible nearest neighbor query processing in spatial databases	Gao, Yunjun; Zheng, Baihua; Chen, Gencai; Li, Qing; Guo, Xiaofa	VLDB JOURNAL	2011	13	1.45	18.18	1.74
Capacity-Constrained Delaunay Triangulation for point distributions	Xu, Yin; Liu, Ligang; Gotsman, Craig; Gortler, Steven J.	COMPUTERS & GRAPHICS-UK	2011	13	1.45	18.18	1.12
Curve-Based Deployment for Barrier Coverage in Wireless Sensor Networks	He, Shibo; Gong, Xiaowen; Zhang, Junshan; Chen, Jiming; Sun, Youxian	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2014	13	4.89	3.27	2.93
Quick attribute reduct algorithm for neighborhood rough set model	Liu Yong; Huang Wenliang; Jiang Yunliang; Zeng Zhiyong	INFORMATION SCIENCES	2014	13	4.89	3.27	3.36
Joint Mode Selection and Resource Allocation for Device-to-Device Communications	Yu, Guanding; Xu, Lukai; Feng, Daquan; Yin, Rui; Li, Geoffrey Ye	IEEE TRANSACTIONS ON COMMUNICATIONS	2014	13	4.89	3.27	2.3
FaceWarehouse: A 3D Facial Expression Database for Visual Computing	Cao, Chen; Weng, Yanlin; Zhou, Shun; Tong, Yiying; Zhou, Kun	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2014	12	4.51	3.74	1.4
Exploiting temporal stability and low-rank structure for motion capture	Feng, Yinfu; Xiao, Jun; Zhuang, Yueting; Yang,	INFORMATION SCIENCES	2014	12	4.51	3.74	3.36

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data refinement	Xiaosong; Zhang, Jian J.						
Educational and social correlates of the digital divide for rural and urban children: A study on primary school students in a provincial city of China	Li, Yan; Ranieri, Maria	COMPUTERS & EDUCATION	2013	11	2.38	10.33	2.88
Extreme learning machine based genetic algorithm and its application in power system economic dispatch	Yang, Hongming; Yi, Jun; Zhao, JunHua; Dong, ZhaoYang	NEUROCOMPUTING	2013	11	2.38	10.33	2.39
Evaluation of the Weight Distribution of a Class of Cyclic Codes Based on Index 2 Gauss Sums	Feng, Tao; Momihara, Koji	IEEE TRANSACTIONS ON INFORMATION THEORY	2013	11	2.38	10.33	1.74
Outage Probability of Dual-Hop Multiple Antenna AF Systems with Linear Processing in the Presence of Co-Channel Interference	Zhu, GuangXu; Zhong, Caijun; Suraweera, Himal A.; Zhang, Zhaoyang; Yuen, Chau	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2014	11	4.14	4.42	2.93
Assessing the severity of phishing attacks: A hybrid data mining approach	Chen, Xi; Bose, Indranil; Leung, Alvin Chung Man; Guo, Chenhui	DECISION SUPPORT SYSTEMS	2011	10	1.11	24.78	2.6
Bayesian Generalized Kernel Mixed Models	Zhang, Zhihua; Dai, Guang; Jordan, Michael I.	JOURNAL OF MACHINE LEARNING RESEARCH	2011	10	1.11	24.78	2.45
Visual saliency guided normal enhancement technique for 3D shape depiction	Miao, Yongwei; Feng, Jieqing; Pajarola, Renato	COMPUTERS & GRAPHICS-UK	2011	10	1.11	24.78	1.12

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VolCCD: Fast Continuous Collision Culling between Deforming Volume Meshes	Tang, Min; Manocha, Dinesh; Yoon, Sung-Eui; Du, Peng; Heo, Jae-Pil	ACM TRANSACTIONS ON GRAPHICS	2011	10	1.11	24.78	4.22
Boundary Aligned Smooth 3D Cross-Frame Field	Huang, Jin; Tong, Yiyang; Wei, Hongyu; Bao, Hujun	ACM TRANSACTIONS ON GRAPHICS	2011	10	1.11	24.78	4.22
Continuous Penalty Forces	Tang, Min; Manocha, Dinesh; Otaduy, Miguel A.; Tong, Ruofeng	ACM TRANSACTIONS ON GRAPHICS	2012	10	1.52	18.9	4.22
Trace Analysis and Mining for Smart Cities: Issues, Methods, and Applications	Pan, Gang; Qi, Guande; Zhang, Wangsheng; Li, Shijian; Wu, Zhaohui	IEEE COMMUNICATIONS MAGAZINE	2013	10	2.16	11.95	5.13
On an efficient NoC multicasting scheme in support of multiple applications running on irregular sub-networks	Wang, Xiaohang; Yang, Mei; Jiang, Yingtao; Liu, Peng	MICROPROCESSORS AND MICROSYSTEMS	2011	9	1	27.8	0.47
Switched Interleaving Techniques with Limited Feedback for Interference Mitigation in DS-CDMA Systems	Cai, Yunlong; de Lamare, Rodrigo C.; Fa, Rui	IEEE TRANSACTIONS ON COMMUNICATIONS	2011	9	1	27.8	2.3
Optimal H-infinity fusion filters for a class of discrete-time intelligent systems with time delays and missing measurement	Liu, Meiqin; Qi, Donglian; Zhang, Senlin; Qiu, Meikang; Zheng, Shiyong	NEUROCOMPUTING	2011	9	1	27.8	2.39

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Color-to-gray based on chance of happening preservation	Song, Mingli; Tao, Dapeng; Chen, Chun; Bu, Jiajun; Yang, Yezhou	NEUROCOMPUTING	2013	9	1.94	14.05	2.39
HAMMER: automated operation of mass frontier to construct in silico mass spectral fragmentation libraries	Zhou, Jiarui; Weber, Ralf J. M.; Allwood, J. William; Mistrik, Robert; Zhu, Zexuan	BIOINFORMATICS	2014	9	3.38	6.29	5.77
Identifying driver mutations from sequencing data of heterogeneous tumors in the era of personalized genome sequencing	Zhang, Jing; Liu, Jie; Sun, Jianbo; Chen, Chen; Foltz, Gregory	BRIEFINGS IN BIOINFORMATICS	2014	9	3.38	6.29	8.4
Wireless Information and Power Transfer in Relay Systems With Multiple Antennas and Interference	Zhu, GuangXu; Zhong, Caijun; Suraweera, Himal A.; Karagiannidis, George K.; Zhang, Zhaoyang	IEEE TRANSACTIONS ON COMMUNICATIONS	2015	9	10.2	1.09	2.3
Admission Control in Cognitive Radio Networks with Finite Queue and User Impatience	Wang, Jian; Huang, Aiping; Wang, Wei; Quek, Tony Q. S.	IEEE WIRELESS COMMUNICATIONS LETTERS	2013	8	1.73	16.55	
Joint Spectrum Allocation and Power Control for Multihop Cognitive Radio Networks	Wang, Wei; Shin, Kang G.; Wang, Wenbo	IEEE TRANSACTIONS ON MOBILE COMPUTING	2011	8	0.89	31.23	2.46
Improved Material Point Method for Simulating the Zona Failure Response	Gan, Y.; Chen, Z.; Montgomery-Smith, S.	CMES-COMPUTER MODELING IN	2011	8	0.89	31.23	0.84

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in Piezo-Assisted Intracytoplasmic Sperm Injection		ENGINEERING & SCIENCES					
GPU accelerated convex hull computation	Tang, Min; Zhao, Jie-yi; Tong, Ruo-feng; Manocha, Dinesh	COMPUTERS & GRAPHICS-UK	2012	8	1.21	24.55	1.12
CLOVER: a faster prior-free approach to rare-category detection	Huang, Hao; He, Qinning; Chiew, Kevin; Qian, Feng; Ma, Lianhang	KNOWLEDGE AND INFORMATION SYSTEMS	2013	8	1.73	16.55	1.7
Gossip-Based Information Spreading in Mobile Networks	Zhang, Huazi; Zhang, Zhaoyang; Dai, Huaiyu	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2013	8	1.73	16.55	2.93
Parallel Vector Field Embedding	Lin, Binbin; He, Xiaofei; Zhang, Chiyuan; Ji, Ming	JOURNAL OF MACHINE LEARNING RESEARCH	2013	8	1.73	16.55	2.45
Ergodic Capacity Comparison of Different Relay Precoding Schemes in Dual-Hop AF Systems With Co-Channel Interference	Zhu, GuangXu; Zhong, Caijun; Suraweera, Himal A.; Zhang, Zhaoyang; Yuen, Chau	IEEE TRANSACTIONS ON COMMUNICATIONS	2014	8	3.01	7.58	2.3
Influence of Industry Characteristics on Information Technology Outsourcing	Qu, Wen Guang; Pinsonneault, Alain; Oh, Wonseok	JOURNAL OF MANAGEMENT INFORMATION SYSTEMS	2011	7	0.78	35.15	3.03
Continuous Nearest-Neighbor Search in the Presence of Obstacles	Gao, Yunjun; Zheng, Baihua; Chen, Gang;	ACM TRANSACTIONS ON DATABASE SYSTEMS	2011	7	0.78	35.15	0.63

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	Chen, Chun; Li, Qing						
SenSpire OS: A Predictable, Flexible, and Efficient Operating System for Wireless Sensor Networks	Dong, Wei; Chen, Chun; Liu, Xue; Liu, Yunhao; Bu, Jiajun	IEEE TRANSACTIONS ON COMPUTERS	2011	7	0.78	35.15	1.72
Restoration of Brick and Stone Relief from Single Rubbing Images	Li, Zhuwen; Wang, Song; Yu, Jinhui; Ma, Kwan-Liu	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2012	7	1.06	28.28	1.4
A Deformable Surface Model for Real-Time Water Drop Animation	Zhang, Yizhong; Wang, Huamin; Wang, Shuai; Tong, Yiying; Zhou, Kun	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2012	7	1.06	28.28	1.4
EP-GIG Priors and Applications in Bayesian Sparse Learning	Zhang, Zhihua; Wang, Shusen; Liu, Dehua; Jordan, Michael I.	JOURNAL OF MACHINE LEARNING RESEARCH	2012	7	1.06	28.28	2.45
Performance Analysis of Optimal Single Stream Beamforming in MIMO Dual-Hop AF Systems	Zhong, Caijun; Ratnarajah, Tharm; Jin, Shi; Wong, Kai-Kit	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	2012	7	1.06	28.28	3.67
Mathematical Marbling	Lu, Shufang; Jaffer, Aubrey; Jin, Xiaogang; Zhao, Hanli; Mao, Xiaoyang	IEEE COMPUTER GRAPHICS AND APPLICATIONS	2012	7	1.06	28.28	1.2
Sparse Multi-Modal Hashing	Wu, Fei; Yu, Zhou; Yang, Yi; Tang, Siliang; Zhang, Yin	IEEE TRANSACTIONS ON MULTIMEDIA	2014	7	2.63	9.43	2.54
Joint Downlink and Uplink Resource	Yu, Guanding; Chen,	IEEE TRANSACTIONS	2015	7	7.93	1.9	2.93

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Allocation for Energy-Efficient Carrier Aggregation	Qimei; Yin, Rui; Zhang, Huazi; Li, Geoffrey Ye	ON WIRELESS COMMUNICATIONS					
Reinforcement Learning Enhanced Iterative Power Allocation in Stochastic Cognitive Wireless Mesh Networks	Chen, Xianfu; Zhao, Zhifeng; Zhang, Honggang; Chen, Tao	WIRELESS PERSONAL COMMUNICATIONS	2011	6	0.67	39.86	0.7
Implementation of the Arlequin method into ABAQUS: Basic formulations and applications	Qiao, H.; Yang, Q. D.; Chen, W. Q.; Zhang, C. Z.	ADVANCES IN ENGINEERING SOFTWARE	2011	6	0.67	39.86	1.67
Embedding a triangular graph within a given boundary	Xu, Yin; Chen, Renjie; Gotsman, Craig; Liu, Ligang	COMPUTER AIDED GEOMETRIC DESIGN	2011	6	0.67	39.86	1.09
Estimating the effects of removing negative features on engineering analysis	Li, Ming; Gao, Shuming; Martin, Ralph R.	COMPUTER-AIDED DESIGN	2011	6	0.67	39.86	2.15
Video-based non-uniform object motion blur estimation and deblurring	Deng, Xiaoyu; Shen, Yan; Song, Mingli; Tao, Dacheng; Bu, Jiajun	NEUROCOMPUTING	2012	6	0.91	32.93	2.39
Distributed Resource Allocation Based on Queue Balancing in Multihop Cognitive Radio Networks	Wang, Wei; Shin, Kang G.; Wang, Wenbo	IEEE-ACM TRANSACTIONS ON NETWORKING	2012	6	0.91	32.93	2.19
Inducible regularization for low-rank matrix factorizations for collaborative filtering	Zhang, Zhenyue; Zhao, Keke; Zha, Hongyuan	NEUROCOMPUTING	2012	6	0.91	32.93	2.39

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Energy-efficient spectrum-aware clustering for cognitive radio sensor networks	Zhang HuaZi; Zhang Zhaoyang; Yuen Chau	CHINESE SCIENCE BULLETIN	2012	6	0.91	32.93	1.79
TransCut: Interactive Rendering of Translucent Cutouts	Li, Dongping; Sun, Xin; Ren, Zhong; Lin, Stephen; Tong, Yiyong	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2013	6	1.3	23.94	1.4
Exploiting Concurrency for Efficient Dissemination in Wireless Sensor Networks	Gao, Yi; Bu, Jiajun; Dong, Wei; Chen, Chun; Rao, Lei	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2013	6	1.3	23.94	2.66
A semantic feature for human motion retrieval	Qi, Tian; Feng, Yinfu; Xiao, Jun; Zhuang, Yueting; Yang, Xiaosong	COMPUTER ANIMATION AND VIRTUAL WORLDS	2013	6	1.3	23.94	0.55
On the Capacity Region of Cognitive Multiple Access over White Space Channels	Zhang, Huazi; Zhang, Zhaoyang; Dai, Huaiyu	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	2013	6	1.3	23.94	3.67
Capturing the essence of word-of-mouth for social commerce: Assessing the quality of online e-commerce reviews by a semi-supervised approach	Zheng, Xiaolin; Zhu, Shuai; Lin, Zhangxi	DECISION SUPPORT SYSTEMS	2013	6	0.59	46.57	2.6
Cognitive Radio Based State Estimation in Cyber-Physical Systems	Cao, Xianghui; Cheng, Peng; Chen, Jiming; Ge, Shuzhi Sam; Cheng, Yu	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	2014	6	2.26	12.16	3.67
TACT: A Transfer Actor-Critic	Li, Rongpeng; Zhao,	IEEE TRANSACTIONS	2014	6	2.26	12.16	2.93

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Learning Framework for Energy Saving in Cellular Radio Access Networks	Zhifeng; Chen, Xianfu; Palicot, Jacques; Zhang, Honggang	ON WIRELESS COMMUNICATIONS					
Near-Field Imaging of Infinite Rough Surfaces in Dielectric Media	Bao, Gang; Li, Peijun	SIAM JOURNAL ON IMAGING SCIENCES	2014	6	2.26	12.16	2.69
An Asymptotic Numerical Method for Inverse Elastic Shape Design	Chen, Xiang; Zheng, Changxi; Xu, Weiwei; Zhou, Kun	ACM TRANSACTIONS ON GRAPHICS	2014	6	2.26	12.16	4.22
Dynamic Channel Assignment for Wireless Sensor Networks: A Regret Matching Based Approach	Chen, Jiming; Yu, Qing; Chai, Bo; Sun, Youxian; Fan, Yanfei	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2015	6	6.8	2.62	2.66
Predicted Virtual Soft Shadow Maps with High Quality Filtering	Shen, Li; Guennebaud, Gael; Yang, Baoguang; Feng, Jieqing	COMPUTER GRAPHICS FORUM	2011	5	0.56	45.4	1.54
Example-Based Image Color and Tone Style Enhancement	Wang, Baoyuan; Yu, Yizhou; Xu, Ying-Qing	ACM TRANSACTIONS ON GRAPHICS	2011	5	0.56	45.4	4.22
Robust Topology Engineering in Multiradio Multichannel Wireless Networks	Hua, Cunqing; Zheng, Rong	IEEE TRANSACTIONS ON MOBILE COMPUTING	2012	5	0.76	38.64	2.46
Sparse Coding for Flexible, Robust 3D Facial-Expression Synthesis	Lin, Yuxu; Song, Mingli; Dao Thi Phuong Quynh; He, Ying; Chen, Chun	IEEE COMPUTER GRAPHICS AND APPLICATIONS	2012	5	0.76	38.64	1.2
An efficient scheduler of RTOS for multi/many-core system	Gu, Xiongli; Liu, Peng; Yang, Mei; Yang, Jie; Li,	COMPUTERS & ELECTRICAL	2012	5	0.76	38.64	1.08

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	Cheng	ENGINEERING					
Video-driven state-aware facial animation	Zeng, Ming; Liang, Lin; Liu, Xinguo; Bao, Hujun	COMPUTER ANIMATION AND VIRTUAL WORLDS	2012	5	0.76	38.64	0.55
Semantic Web Meets Computational Intelligence: State of the Art and Perspectives	Chen, Huajun; Wu, Zhaohui; Cudre-Mauroux, Philippe	IEEE COMPUTATIONAL INTELLIGENCE MAGAZINE	2012	5	0.34	61.99	3.65
Bulk data dissemination in wireless sensor networks: Modeling and analysis	Dong, Wei; Chen, Chun; Liu, Xue; Teng, Guodong; Bu, Jiajun	COMPUTER NETWORKS	2012	5	0.76	38.64	1.45
Distributed Active Sensor Scheduling for Target Tracking in Ultrasonic Sensor Networks	Zhang, Fan; Chen, Jiming; Li, Hongbin; Sun, Youxian; Shen, Xuemin (Sherman)	MOBILE NETWORKS & APPLICATIONS	2012	5	0.76	38.64	1.54
Energy-Efficient Intrusion Detection with a Barrier of Probabilistic Sensors: Global and Local	Chen, Jiming; Li, Junkun; Lai, Ten H.	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2013	5	1.08	29.23	2.93
Invisibility cloaks from forward design to inverse design	Xu Su; Wang Yong; Zhang BaiLe; Chen Hongsheng	SCIENCE CHINA-INFORMATION SCIENCES	2013	5	1.08	29.23	0.89
Comprehension and Assessment of Product Reviews: A Review-Product Congruity Proposition	Huang, Liqiang; Tan, Chuan-Hoo; Ke, Weiling; Wei, Kwok-Kee	JOURNAL OF MANAGEMENT INFORMATION SYSTEMS	2013	5	0.49	52.29	3.03
Real-time recommendation for	Zhou, Xianke; Wu, Sai;	INFORMATION	2014	5	1.88	15.77	3.36

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microblogs	Chen, Chun; Chen, Gang; Ying, Shanshan	SCIENCES					
Modern bioinformatics meets traditional Chinese medicine	Gu, Peiqin; Chen, Huajun	BRIEFINGS IN BIOINFORMATICS	2014	5	1.88	15.77	8.4
Shape-enhanced maximum intensity projection	Zhou, Zhiguang; Tao, Yubo; Lin, Hai; Dong, Feng; Clapworthy, Gordon	VISUAL COMPUTER	2011	4	0.45	52.36	1.06
Multi-dimensional chemo-osmotic consolidation of clays	Li, Yu-Chao; Cleall, P. J.; Thomas, H. R.	COMPUTERS AND GEOTECHNICS	2011	4	0.45	52.36	1.71
Predicting the probability of ice storm damages to electricity transmission facilities based on ELM and Copula function	Yang, Hongming; Xu, Wenjun; Zhao, JunHua; Wang, Dianhui; Dong, ZhaoYang	NEUROCOMPUTING	2011	4	0.45	52.36	2.39
Direction-based surrounder queries for mobile recommendations	Guo, Xi; Zheng, Baihua; Ishikawa, Yoshiharu; Gao, Yunjun	VLDB JOURNAL	2011	4	0.45	52.36	1.74
Characterization and Inference of Gene Gain/Loss Along Burkholderia Evolutionary History	Zhu, BO; Zhou, Shengli; Lou, Miaomiao; Zhu, Jun; Li, Bin	EVOLUTIONARY BIOINFORMATICS	2011	4	0.45	52.36	1.4
Optimized combination model and algorithm of parking guidance information configuration	Mei, Zhenyu; Tian, YE	EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING	2011	4	0.45	52.36	0.63

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Improved synapse detection for mGRASP-assisted brain connectivity mapping	Feng, Linqing; Zhao, Ting; Kim, Jinhyun	BIOINFORMATICS	2012	4	0.61	45.56	5.77
Structure-Aware Lighting Design for Volume Visualization	Tao, Yubo; Lin, Hai; Dong, Feng; Wang, Chao; Clapworthy, Gordon	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2012	4	0.61	45.56	1.4
An Intelligent Transformation Knowledge Mining Method Based on Extenics	Li, Xingsen; Zhang, Haolan; Zhu, Zhengxiang; Xiang, Zhongbiao; Chen, Zhengxin	JOURNAL OF INTERNET TECHNOLOGY	2013	4	0.86	36.31	0.53
Controlling a chaotic neural network for information processing	Li, Yang; Zhu, Ping; Xie, Xiaoping; Chen, Hongping; Aihara, Kazuyuki	NEUROCOMPUTING	2013	4	0.86	36.31	2.39
Image-Space Texture-Based Output-Coherent Surface Flow Visualization	Huang, Jin; Pan, Zherong; Chen, Guoning; Chen, Wei; Bao, Hujun	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2013	4	0.86	36.31	1.4
User acceptance of software as a service: Evidence from customers of China's leading e-commerce company, Alibaba	Du, Jian; Lu, Jing; Wu, Dong; Li, Huiping; Li, Jie	JOURNAL OF SYSTEMS AND SOFTWARE	2013	4	0.86	36.31	1.42

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Guaranteed Classification via Regularized Similarity Learning	Guo, Zheng-Chu; Ying, Yiming	NEURAL COMPUTATION	2014	4	1.5	21.16	1.63
Dynamic Packet Length Control in Wireless Sensor Networks	Dong, Wei; Chen, Chun; Liu, Xue; He, Yuan; Liu, Yunhao	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2014	4	1.5	21.16	2.93
Numerical Reconstruction of Electromagnetic Inclusions in Three Dimensions	Bao, Gang; Lin, Junshan; Mefire, Seraphin M.	SIAM JOURNAL ON IMAGING SCIENCES	2014	4	1.5	21.16	2.69
Understanding the Nature of Social Mobile Instant Messaging in Cellular Networks	Zhou, Xuan; Zhao, Zhifeng; Li, Rongpeng; Zhou, Yifan; Palicot, Jacques	IEEE COMMUNICATIONS LETTERS	2014	4	1.5	21.16	1.29
Exploiting the Incomplete Diffusion Feature: A Specialized Analytical Side-Channel Attack Against the AES and Its Application to Microcontroller Implementations	Guo, Shize; Zhao, Xinjie; Zhang, Fan; Wang, Tao; Shi, Zhijie Jerry	IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY	2014	4	1.5	21.16	2.44
I(1)-Based Construction of Polycube Maps from Complex Shapes	Huang, Jin; Jiang, Tengfei; Shi, Zeyun; Tong, Yiying; Bao, Hujun	ACM TRANSACTIONS ON GRAPHICS	2014	4	1.5	21.16	4.22
Detecting Faulty Nodes with Data Errors for Wireless Sensor Networks	Guo, Shuo; Zhang, Heng; Zhong, Ziguo; Chen, Jiming; Cao, Qing	ACM TRANSACTIONS ON SENSOR NETWORKS	2014	4	1.5	21.16	1.45

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Frame Field Singularity Correction for Automatic Hexahedralization	Jiang, Tengfei; Huang, Jin; Wang, Yuanzhen; Tong, Yiyang; Bao, Hujun	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2014	4	1.5	21.16	1.4
Settlement and load transfer mechanism of pile group due to side-by-side twin tunnelling	Hong, Y.; Soomro, M. A.; Ng, C. W. W.	COMPUTERS AND GEOTECHNICS	2015	4	4.53	5.76	1.71
A balance-evolution artificial bee colony algorithm for protein structure optimization based on a three-dimensional AB off-lattice model	Li, Bai; Chiong, Raymond; Lin, Mu	COMPUTATIONAL BIOLOGY AND CHEMISTRY	2015	4	4.53	5.76	1.01
Influence of flexural loading on chloride ingress in concrete subjected to cyclic drying-wetting condition	Ye, Hailong; Fu, Chuanqing; Jin, Nanguo; Jin, Xianyu	COMPUTERS AND CONCRETE	2015	4	4.53	5.76	0.85
A non-matching finite element-scaled boundary finite element coupled method for linear elastic crack propagation modelling	Yang, Z. J.; Wang, X. F.; Yin, D. S.; Zhang, CH	COMPUTERS & STRUCTURES	2015	4	4.53	5.76	2.43
On mining latent treatment patterns from electronic medical records	Huang, ZhengXing; Dong, Wei; Bath, Peter; Ji, Lei; Duan, Huilong	DATA MINING AND KNOWLEDGE DISCOVERY	2015	4	4.53	5.76	2.71
Online multiple-strip packing	Ye, Deshi; Han, Xin; Zhang, Guochuan	THEORETICAL COMPUTER SCIENCE	2011	3	0.33	60.74	0.64

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Multi-sensor optimal H-infinity fusion filters for delayed nonlinear intelligent systems based on a unified model	Liu, Meiqin; Zhang, Senlin; Jin, Yaochu	NEURAL NETWORKS	2011	3	0.33	60.74	3.22
Reed-Muller function optimization techniques with onset table	Wang, Lun-yao; Xia, Yin-shui; Chen, Xie-xiong; Almaini, A. E. A.	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2011	3	0.33	60.74	0.39
Modeling ocean waves and interaction between objects and ocean water for cartoon animation	Liao, Jing; Yu, Jinhui; Patterson, John	COMPUTER ANIMATION AND VIRTUAL WORLDS	2011	3	0.33	60.74	0.55
Afuzzy formal concept analysis based approach for business component identification	Cai, Zhen-gong; Yang, Xiao-hu; Wang, Xin-yu; Kavs, Aleksander J.	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2011	3	0.33	60.74	0.39
Animated Construction of Line Drawings	Fu, Hongbo; Zhou, Shizhe; Liu, Ligang; Mitra, Niloy J.	ACM TRANSACTIONS ON GRAPHICS	2011	3	0.33	60.74	4.22
Hybrid MDP based integrated hierarchical Q-learning	Chen Chunlin; Dong Daoyi; Li Han-Xiong; Tarn, Tzyh-Jong	SCIENCE CHINA-INFORMATION SCIENCES	2011	3	0.33	60.74	0.89
Canonical conformal mapping for high genus surfaces with boundaries	Zhang, MIN; Li, Yinghua; Zeng, Wei; Gu, Xianfeng	COMPUTERS & GRAPHICS-UK	2012	3	0.45	54.33	1.12

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Digital Camouflage Images Using Two-scale Decomposition	Du, Hui; Jin, Xiaogang; Mao, Xiaoyang	COMPUTER GRAPHICS FORUM	2012	3	0.45	54.33	1.54
Approximate T-spline surface skinning	Yang, Xunnian; Zheng, Jianmin	COMPUTER-AIDED DESIGN	2012	3	0.45	54.33	2.15
On the Sum Rate of MIMO Nakagami-m Fading Channels with Linear Receivers	Zhong, Caijun; Matthaiou, Michail; Huang, Aiping; Zhang, Zhaoyang	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2012	3	0.45	54.33	2.93
Feature correspondences using Morse Smale complex	Feng, Wei; Huang, Jin; Ju, Tao; Bao, Hujun	VISUAL COMPUTER	2013	3	0.65	45.83	1.06
Adaptive Linear Minimum BER Reduced-Rank Interference Suppression Algorithms Based on Joint and Iterative Optimization of Filters	Cai, Yunlong; de Lamare, Rodrigo C.	IEEE COMMUNICATIONS LETTERS	2013	3	0.65	45.83	1.29
Interactive elastic motion editing through spacetime position constraints	Li, Siwang; Huang, Jin; Desbrun, Mathieu; Jin, Xiaogang	COMPUTER ANIMATION AND VIRTUAL WORLDS	2013	3	0.65	45.83	0.55
An efficient and collision-free hole-filling algorithm for orthodontics	Qiu, Nina; Fan, Ran; You, Lihua; Jin, Xiaogang	VISUAL COMPUTER	2013	3	0.65	45.83	1.06
Human Mobility Patterns in Cellular Networks	Zhou, Xuan; Zhao, Zhifeng; Li, Rongpeng; Zhou, Yifan; Palicot,	IEEE COMMUNICATIONS LETTERS	2013	3	0.65	45.83	1.29

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	Jacques						
A GPU-based Streaming Algorithm for High-Resolution Cloth Simulation	Tang, Min; Tong, Ruofeng; Narain, Rahul; Meng, Chang; Manocha, Dinesh	COMPUTER GRAPHICS FORUM	2013	3	0.65	45.83	1.54
As-Rigid-As-Possible Distance Field Metamorphosis	Weng, Yanlin; Chai, Menglei; Xu, Weiwei; Tong, Yiyong; Zhou, Kun	COMPUTER GRAPHICS FORUM	2013	3	0.65	45.83	1.54
Dynamic Authentication with Sensory Information for the Access Control Systems	Shu, Yuanchao; Gu, Yu (Jason); Chen, Jiming	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2014	3	1.13	29.28	2.66
An efficient and reliable approach for quality-of-service-aware service composition	Li, Jun; Zheng, Xiao-lin; Chen, Song-Tao; Song, William-Wei; Chen, De-ren	INFORMATION SCIENCES	2014	3	1.13	29.28	3.36
Incorporating appraisal expression patterns into topic modeling for aspect and sentiment word identification	Zheng, Xiaolin; Lin, Zhen; Wang, Xiaowei; Lin, Kwei-Jay; Song, Meina	KNOWLEDGE-BASED SYSTEMS	2014	3	1.13	29.28	3.33
An eye-tracking study of website complexity from cognitive load perspective	Wang, Qiuzhen; Yang, SA; Liu, Manlu; Cao, Zike; Ma, Qingguo	DECISION SUPPORT SYSTEMS	2014	3	1.13	29.28	2.6
The Prediction Analysis of Cellular Radio Access Network Traffic: From	Li, Rongpeng; Zhao, Zhifeng; Zhou, Xuan;	IEEE COMMUNICATIONS MAGAZINE	2014	3	1.13	29.28	5.13

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Entropy Theory to Networking Practice	Palicot, Jacques; Zhang, Honggang						
Low-level and high-level prior learning for visual saliency estimation	Song, Mingli; Chen, Chun; Wang, Senlin; Yang, Yezhou	INFORMATION SCIENCES	2014	3	1.13	29.28	3.36
Optimal Load Balancing and Energy Cost Management for Internet Data Centers in Deregulated Electricity Markets	Shao, Huajie; Rao, Lei; Wang, Zhi; Liu, Xue; Wang, Zhibo	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2014	3	1.13	29.28	2.66
Inherent Noise-Aware Insect Swarm Simulation	Wang, Xinjie; Jin, Xiaogang; Deng, Zhigang; Zhou, Linling	COMPUTER GRAPHICS FORUM	2014	3	1.13	29.28	1.54
Longitudinal vibration of a pile embedded in layered soil considering the transverse inertia effect of pile	Lu, Shuhui; Wang, Kuihua; Wu, Wenbing; Leo, Chin Jian	COMPUTERS AND GEOTECHNICS	2014	3	1.13	29.28	1.71
H-infinity Output Tracking Control of Discrete-Time Nonlinear Systems via Standard Neural Network Models	Liu, Meiqin; Zhang, Senlin; Chen, Haiyang; Sheng, Weihua	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS	2014	3	1.13	29.28	4.85
Design and Implementation to Authentication over a GSM System Using Certificate-Less Public Key Cryptography (CL-PKC)	Memon, Imran; Mohammed, Mohammed Ramadan; Akhtar, Rizwan; Memon, Hina; Memon, Muhammad	WIRELESS PERSONAL COMMUNICATIONS	2014	3	1.13	29.28	0.7

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	Hammad						
Robust Multibranch Tomlinson-Harashima Precoding Design in Amplify-and-Forward MIMO Relay Systems	Zhang, Lei; Cai, Yunlong; de Lamare, Rodrigo C.; Zhao, Minjian	IEEE TRANSACTIONS ON COMMUNICATIONS	2014	3	1.13	29.28	2.3
Imagining the Unseen: Stability-based Cuboid Arrangements for Scene Understanding	Shao, Tianjia; Monszpart, Aron; Zheng, Youyi; Koo, Bongjin; Xu, Weiwei	ACM TRANSACTIONS ON GRAPHICS	2014	3	1.13	29.28	4.22
CompareSVM: supervised, Support Vector Machine (SVM) inference of gene regularity networks	Gillani, Zeeshan; Akash, Muhammad Sajid Hamid; Rahaman, M. D. Matiur; Chen, Ming	BMC BIOINFORMATICS	2014	3	1.13	29.28	2.44
Dynamic Activation Policies for Event Capture in Rechargeable Sensor Network	Ren, Zhu; Cheng, Peng; Chen, Jiming; Yau, David K. Y.; Sun, Youxian	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2014	3	1.13	29.28	2.66
BURSE: A Bursty and Self-Similar Workload Generator for Cloud Computing	Yin, Jianwei; Lu, Xingjian; Zhao, Xinkui; Chen, Hanwei; Liu, Xue	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2015	3	3.4	9.41	2.66
Competence-Based Song Recommendation: Matching Songs to One's Singing Skill	Mao, Kuang; Shou, Lidan; Fan, Ju; Chen, Gang; Kankanhalli, Mohan S.	IEEE TRANSACTIONS ON MULTIMEDIA	2015	3	3.4	9.41	2.54

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TOC: Localizing Wireless Rechargeable Sensors with Time of Charge	Shu, Yuanchao; Cheng, Peng; Gu, Yu; Chen, Jiming; He, Tian	ACM TRANSACTIONS ON SENSOR NETWORKS	2015	3	3.4	9.41	1.45
Real time gaze estimation with a consumer depth camera	Sun, Li; Liu, Zicheng; Sun, Ming-Ting	INFORMATION SCIENCES	2015	3	3.4	9.41	3.36
Multi-Objective Energy-Efficient Resource Allocation for Multi-RAT Heterogeneous Networks	Yu, Guanding; Jiang, Yuhuan; Xu, Lukai; Li, Geoffrey Ye	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	2015	3	3.4	9.41	3.67
Research on Common-Cause Failures of Web Service Composition	Zhou, BO; Yin, Keting; Zhang, Shuai; Jiang, Honghong; Kavs, Aleksander J.	JOURNAL OF INTERNET TECHNOLOGY	2011	2	0.22	71.02	0.53
Petri net models for the semi-automatic construction of large scale biological networks	Chen, Ming; Hariharaputran, Sridhar; Hofestaedt, Ralf; Kormeier, Benjamin; Spangardt, Sarah	NATURAL COMPUTING	2011	2	0.22	71.02	1.31
Optimized cluster-based filtering algorithm for graph metadata	Liu, Haifeng; Wu, Zhaohui; Petrovic, Milenko; Jacobsen, Hans-Arno	INFORMATION SCIENCES	2011	2	0.22	71.02	3.36
Cryptanalysis of some conference schemes for mobile communications	He, Daojing; Chen, Chun; Ma, Maode; Bu, Jiajun	SECURITY AND COMMUNICATION NETWORKS	2012	2	0.3	65.62	0.81

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Example-Based Automatic Music-Driven Conventional Dance Motion Synthesis	Fan, Rukun; Xu, Songhua; Geng, Weidong	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2012	2	0.3	65.62	1.4
On Quasi-Orthogonal Space-Time Block Codes for Dual-Polarized MIMO Channels	Li, Yabo; Wang, Haiquan; Xia, Xiang-Gen	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2012	2	0.3	65.62	2.93
Efficient processing of probabilistic set-containment queries on uncertain set-valued data	Zhang, Xiaolong; Chen, KE; Shou, Lidan; Chen, Gang; Gao, Yuan	INFORMATION SCIENCES	2012	2	0.3	65.62	3.36
A bipolar model of vague concepts based on random set and prototype theory	Tang, Yongchuan; Lawry, Jonathan	INTERNATIONAL JOURNAL OF APPROXIMATE REASONING	2012	2	0.3	65.62	2.7
Active learning for social image retrieval using Locally Regressive Optimal Design	Feng, Yinfu; Xiao, Jun; Zha, Zhengjun; Zhang, Hong; Yang, YI	NEUROCOMPUTING	2012	2	0.3	65.62	2.39
Feature sensitive re-sampling of point set surfaces with Gaussian spheres	Miao YongWei; Boesch, Jonas; Pajarola, Renato; Gopi, M.; Feng JieQing	SCIENCE CHINA-INFORMATION SCIENCES	2012	2	0.3	65.62	0.89
Coherence Functions with Applications in Large-Margin Classification Methods	Zhang, Zhihua; Liu, Dehua; Dai, Guang; Jordan, Michael I.	JOURNAL OF MACHINE LEARNING RESEARCH	2012	2	0.3	65.62	2.45
A Multi-Channel Saliency Based Detail Exaggeration Technique for 3D	Miao, Yong-Wei; Feng, Jie-Qing; Wang,	JOURNAL OF COMPUTER SCIENCE	2012	2	0.3	65.62	0.48

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Relief Surfaces	Jin-Rong; Pajarola, Renato	AND TECHNOLOGY					
Performance of User Selection in Cognitive Broadcast Channels	Zhong, Caijun; Ratnarajah, Tharm	IEEE TRANSACTIONS ON COMMUNICATIONS	2012	2	0.3	65.62	2.3
The existence of maximal $(q(2), 2)$ -arcs in projective Hjelmslev planes over chain rings of length 2 and odd prime characteristic	Honold, Thomas; Kiermaier, Michael	DESIGNS CODES AND CRYPTOGRAPHY	2013	2	0.43	58.78	0.78
Locating tandem repeats in weighted sequences in proteins	Zhang, Hui; Guo, Qing; Iliopoulos, Costas S.	BMC BIOINFORMATICS	2013	2	0.43	58.78	2.44
A unified smoke control method based on signed distance field	Yang, Ben; Liu, Youquan; You, Lihua; Jin, Xiaogang	COMPUTERS & GRAPHICS-UK	2013	2	0.43	58.78	1.12
On Energy-Efficient Trap Coverage in Wireless Sensor Networks	Chen, Jiming; Li, Junkun; He, Shibo; He, Tian; Gu, Yu	ACM TRANSACTIONS ON SENSOR NETWORKS	2013	2	0.43	58.78	1.45
AA-FVDM: An accident-avoidance full velocity difference model for animating realistic street-level traffic in rural scenes	Lu, Xuequan; Chen, Wenzhi; Xu, Mingliang; Wang, Zonghui; Deng, Zhigang	COMPUTER ANIMATION AND VIRTUAL WORLDS	2014	2	0.75	41.88	0.55
An image-space energy-saving visualization scheme for OLED displays	Chen, Haidong; Wang, JI; Chen, Weifeng; Qu, Huamin; Chen, Wei	COMPUTERS & GRAPHICS-UK	2014	2	0.75	41.88	1.12
Colbar: A collaborative	Yin, Jianwei; Lo, Wei;	INFORMATION	2014	2	0.75	41.88	3.36

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location-based regularization framework for QoS prediction	Deng, Shuiguang; Li, Ying; Wu, Zhaohui	SCIENCES					
Simulation of hydraulic fracturing in rock mass using a smeared crack model	Hu Yunjin; Chen Guolong; Cheng Weiping; Yang ZhenJun	COMPUTERS & STRUCTURES	2014	2	0.75	41.88	2.43
Performance of Rayleigh-Product MIMO Channels with Linear Receivers	Zhong, Caijun; Ratnarajah, T.; Zhang, Zhaoyang; Wong, Kai-Kit; Sellathurai, Mathini	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2014	2	0.75	41.88	2.93
Real-time motion data annotation via action string	Qi, Tian; Xiao, Jun; Zhuang, Yueting; Zhang, Hanzhi; Yang, Xiaosong	COMPUTER ANIMATION AND VIRTUAL WORLDS	2014	2	0.75	41.88	0.55
Toward seed-insensitive solutions to local community detection	Ma, Lianhang; Huang, Hao; He, Qinming; Chiew, Kevin; Liu, Zhenguang	JOURNAL OF INTELLIGENT INFORMATION SYSTEMS	2014	2	0.75	41.88	1
Real-Time Gaze Estimation with Online Calibration	Sun, Li; Song, Mingli; Liu, Zicheng; Sun, Ming-Ting	IEEE MULTIMEDIA	2014	2	0.75	41.88	1.36
On processing reverse k-skyband and ranked reverse skyline queries	Gao, Yunjun; Liu, Qing; Zheng, Baihua; Mou, Li; Chen, Gang	INFORMATION SCIENCES	2015	2	2.27	17.2	3.36
Toward 5G: When Explosive Bursts	Zhou, Xuan; Zhao,	IEEE NETWORK	2014	2	0.75	41.88	2.9

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Meet Soft Cloud	Zhifeng; Li, Rongpeng; Zhou, Yifan; Chen, Tao						
An Extension Collaborative Innovation Model in the Context of Big Data	Li, Xingsen; Tian, Yingjie; Smarandache, Florentin; Alex, Rajan	INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY & DECISION MAKING	2015	2	2.27	17.2	1.18
Instant Recommendation for Web Services Composition	Chen, Liang; Wu, Jian; Jian, Hengyi; Deng, Hongbo; Wu, Zhaohui	IEEE TRANSACTIONS ON SERVICES COMPUTING	2014	2	0.75	41.88	2.37
JTangCSB A Cloud Service Bus for Cloud and Enterprise Application Integration	Yin, Jianwei; Lu, Xingjian; Pu, Calton; Wu, Zhaohui; Chen, Hanwei	IEEE INTERNET COMPUTING	2015	2	2.27	17.2	1.4
Calculating the medial axis of a CAD model by multi-CPU based parallel computation	Zhu, Housheng; Liu, Yusheng; Zhao, Jianjun; Wang, Hongwei	ADVANCES IN ENGINEERING SOFTWARE	2015	2	2.27	17.2	1.67
ESIS: Emotion-based spreader-ignorant-stifler model for information diffusion	Wang, Qiyao; Lin, Zhen; Jin, Yuehui; Cheng, Shiduan; Yang, Tan	KNOWLEDGE-BASED SYSTEMS	2015	2	2.27	17.2	3.33
Agile structural analysis for fabrication-aware shape editing	Xie, Yue; Xu, Weiwei; Yang, Yin; Guo, Xiaohu; Zhou, Kun	COMPUTER AIDED GEOMETRIC DESIGN	2015	2	2.27	17.2	1.09
Magicol: Indoor Localization Using	Shu, Yuanchao; Bo,	IEEE JOURNAL ON	2015	2	2.27	17.2	3.67

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Pervasive Magnetic Field and Opportunistic WiFi Sensing	Cheng; Shen, Guobin; Zhao, Chunshui; Li, Liqun	SELECTED AREAS IN COMMUNICATIONS					
Fast Object Retrieval Using Direct Spatial Matching	Zhong, Zhiyuan; Zhu, Jianke; Hoi, Steven C. H.	IEEE TRANSACTIONS ON MULTIMEDIA	2015	2	2.27	17.2	2.54
Uncertainty-Aware Multidimensional Ensemble Data Visualization and Exploration	Chen, Haidong; Zhang, Song; Chen, Wei; Mei, Honghui; Zhang, Jiawei	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2015	2	2.27	17.2	1.4
Thwarting Intelligent Malicious Behaviors in Cooperative Spectrum Sensing	Wang, Wei; Chen, Lin; Shin, Kang G.; Duan, Lingjie	IEEE TRANSACTIONS ON MOBILE COMPUTING	2015	2	2.27	17.2	2.46
UEGM: uncertain emotion generator under multi-stimulus	Xiang, Nan; Zhao, Haiying; Zhou, Xiaojian; Xu, Mingliang; El Rhalibi, Abdennour	COMPUTER ANIMATION AND VIRTUAL WORLDS	2011	1	0.11	83.79	0.55
MyBioNet: interactively visualize, edit and merge biological networks on the Web	Huang, Donglin; Huang, Yiling; Bai, Youhuang; Chen, Dijun; Hofstaedt, Ralf	BIOINFORMATICS	2011	1	0.11	83.79	5.77
Satisfying quality requirements in the design of a partition-based, distributed stock trading system	Yang, Xiaohu; Zhao, Liping; Wang, Xinyu; Wang, YE; Sun, Jie	SOFTWARE-PRACTICE & EXPERIENCE	2012	1	0.15	80.62	0.65
Design and Optimization of a CDMA-Based Multi-Reader Passive	Zhang, Zhi; Lu, Zhonghai; Chen, Qiang;	IEICE TRANSACTIONS ON COMMUNICATIONS	2012	1	0.15	80.62	0.3

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UHF RFID System for Dense Scenarios	Yan, Xiaolang						
Enhancing Sink-Location Privacy in Wireless Sensor Networks through k-Anonymity	Chai, Guofei; Xu, Miao; Xu, Wenyuan; Lin, Zhiyun	INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS	2012	1	0.15	80.62	0.91
EXISTENCE FOR CALCULUS OF VARIATIONS AND OPTIMAL CONTROL PROBLEMS ON TIME SCALES	Zhan, Zaidong; Wei, Wei; Li, Yinfei; Xu, Honglei	INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL	2012	1	0.15	80.62	
Geodesic Distance Based Realistic Facial Animation Using RBF Interpolation	Wan, Xianmei; Liu, Shengjun; Chen, Jim X.; Jin, Xiaogang	COMPUTING IN SCIENCE & ENGINEERING	2012	1	0.15	80.62	1.36
Concurrent bias correction in hemodynamic data assimilation	Hu, Zhenghui; Liu, Huafeng; Shi, Pengcheng	MEDICAL IMAGE ANALYSIS	2012	1	0.15	80.62	4.57
Engineering analysis error estimation when removing finite-sized features in nonlinear elliptic problems	Li, Ming; Gao, Shuming; Martin, Ralph R.	COMPUTER-AIDED DESIGN	2013	1	0.22	76.61	2.15
Non-free extensions of the simplex codes over a chain ring with four elements	Honold, Thomas; Landjev, Ivan	DESIGNS CODES AND CRYPTOGRAPHY	2013	1	0.22	76.61	0.78
Energy Efficient Run-Time	Wang, Xiao-Hang; Liu,	JOURNAL OF	2013	1	0.22	76.61	0.48

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Incremental Mapping for 3-D Networks-on-Chip	Peng; Yang, Mei; Palesi, Maurizio; Jiang, Ying-Tao	COMPUTER SCIENCE AND TECHNOLOGY					
A successive iteration method on predicting properties of turbulent fiber suspensions and its application to pipe flows	Lin, Jianzhong; Liang, Xiaoyu; Ku, Xiaoke	COMPUTERS & FLUIDS	2013	1	0.22	76.61	1.89
Shape aware normal interpolation for curved surface shading from polyhedral approximation	Yang, Xunnian; Zheng, Jianmin	VISUAL COMPUTER	2013	1	0.22	76.61	1.06
Finding the minimum number of elements with sum above a threshold	Jiang, Yan; Pang, Chaoyi; Zhang, Hao Lan; Wang, Junhu; Li, Tongliang	INFORMATION SCIENCES	2013	1	0.22	76.61	3.36
Inserting virtual pedestrians into pedestrian groups video with behavior consistency	Ren, Zhiguo; Gai, Wenjing; Zhong, Fan; Pettre, Julien; Peng, Qunsheng	VISUAL COMPUTER	2013	1	0.22	76.61	1.06
Molecular modeling revealed that ligand dissociation from thyroid hormone receptors is affected by receptor heterodimerization	Zhuang, Shulin; Bao, Lingling; Linhananta, Apichart; Liu, Weiping	JOURNAL OF MOLECULAR GRAPHICS & MODELLING	2013	1	0.22	76.61	1.67
Curvature tensor computation by piecewise surface interpolation	Yang, Xunnian; Zheng, Jianmin	COMPUTER-AIDED DESIGN	2013	1	0.22	76.61	2.15

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Hair Interpolation for Portrait Morphing	Weng, Yanlin; Wang, Lvdi; Li, Xiao; Chai, Menglei; Zhou, Kun	COMPUTER GRAPHICS FORUM	2013	1	0.22	76.61	1.54
Selecting skyline services for QoS-aware composition by upgrading MapReduce paradigm	Wu, Jian; Chen, Liang; Yu, Qi; Kuang, Li; Wang, Yilun	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS	2013	1	0.22	76.61	1.51
Finite element analysis of nonlinear wave resonance by multiple cylinders in vertical motions	Wang, C. Z.; Meng, Q. C.; Huang, H. C.; Khoo, B. C.	COMPUTERS & FLUIDS	2013	1	0.22	76.61	1.89
Model checking with fairness assumptions using PAT	Si, Yuanjie; Sun, Jun; Liu, Yang; Dong, Jin Song; Pang, Jun	FRONTIERS OF COMPUTER SCIENCE	2014	1	0.38	63.13	0.66
Isophote Based Center-Surround Contrast Computation for Image Saliency Detection	Chuang, Yuelong; Chem, Ling; Chen, Gencai; Woodward, John	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	2014	1	0.38	63.13	0.23
Fracture property of steel fiber reinforced concrete at early age	Fu, Chuan-Qing; Ma, Qin-Yong; Jin, Xian-Yu; Shah, A. A.; Ye-Tian	COMPUTERS AND CONCRETE	2014	1	0.38	63.13	0.85
Technique for authenticating H.264/SVC and its performance evaluation over wireless mobile	Zhao, YiFan; Lo, Swee-Won; Deng, Robert H.; Ding, Xuhua	JOURNAL OF COMPUTER AND SYSTEM SCIENCES	2014	1	0.38	63.13	1.58

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networks							
Perceptual image quality assessment metric using mutual information of Gabor features	Ding Yong; Zhang Yuan; Wang Xiang; Yan Xiaolang; Krylov, Andrey S.	SCIENCE CHINA-INFORMATION SCIENCES	2014	1	0.38	63.13	0.89
Virt-B: Toward Performance Benchmarking of Virtual Machine Systems	Ye, Kejiang; Wu, Zhaohui; Zhou, Bing; Jiang, Xiaohong; Wang, Chen	IEEE INTERNET COMPUTING	2014	1	0.38	63.13	1.4
Human motion retrieval based on freehand sketch	Tang, Zhangpeng; Xiao, Jun; Feng, Yinfu; Yang, Xiaosong; Zhang, Jian	COMPUTER ANIMATION AND VIRTUAL WORLDS	2014	1	0.38	63.13	0.55
Flock morphing animation	Wang, Xinjie; Zhou, Linling; Deng, Zhigang; Jin, Xiaogang	COMPUTER ANIMATION AND VIRTUAL WORLDS	2014	1	0.38	63.13	0.55
A personality model for animating heterogeneous traffic behaviors	Lu, Xuequan; Wang, Zonghui; Xu, Mingliang; Chen, Wenzhi; Deng, Zhigang	COMPUTER ANIMATION AND VIRTUAL WORLDS	2014	1	0.38	63.13	0.55
MC2: Multimode User-Centric Design of Wireless Sensor Networks for Long-Term Monitoring	Xia, Ming; Dong, Yabo; Xu, Wenyuan; Li, Xiangyang; Lu, Dongming	ACM TRANSACTIONS ON SENSOR NETWORKS	2014	1	0.38	63.13	1.45
Generalized bridging domain method	Tu, Fubin; Ling,	COMPUTER METHODS	2014	1	0.38	63.13	3.47

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for coupling finite elements with discrete elements	Daosheng; Bu, Lingfang; Yang, Qingda	IN APPLIED MECHANICS AND ENGINEERING					
System resource utilization analysis and prediction for cloud based applications under bursty workloads	Yin, Jianwei; Lu, Xingjian; Chen, Hanwei; Zhao, Xinkui; Xiong, Neal N.	INFORMATION SCIENCES	2014	1	0.38	63.13	3.36
Space-Time Editing of Elastic Motion through Material Optimization and Reduction	Li, Siwang; Huang, Jin; de Goes, Fernando; Jin, Xiaogang; Bao, Hujun	ACM TRANSACTIONS ON GRAPHICS	2014	1	0.38	63.13	4.22
Random combination for information extraction in compressed sensing and sparse representation-based pattern recognition	He, Zaixing; Zhao, Xinyue; Zhang, Shuyou; Ogawa, Takahiro; Haseyama, Miki	NEUROCOMPUTING	2014	1	0.38	63.13	2.39
An Empirical Study of Bugs in Software Build System	Xia, Xin; Zhou, Xiaozhen; Lo, David; Zhao, Xiaoqiong; Wang, YE	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	2014	1	0.38	63.13	0.23
Sensor virtualization for underwater event detection	Wang, Zixiang; Liu, Meiqin; Zhang, Senlin; Qiu, Meikang	JOURNAL OF SYSTEMS ARCHITECTURE	2014	1	0.38	63.13	0.68
Online algorithms for 1-space bounded 2-dimensional bin packing and square packing	Zhang, Yong; Chin, Francis Y. L.; Ting, Hing-Fung; Han, Xin; Poon, Chung Keung	THEORETICAL COMPUTER SCIENCE	2014	1	0.38	63.13	0.64

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Rumor Riding: An Anonymity Approach for Decentralized Peer to Peer Systems	Memon, Imran; Domenic, Kamenyi; Memon, Hina; Akhtar, Rizwan; Yong, Wang	WIRELESS PERSONAL COMMUNICATIONS	2014	1	0.38	63.13	0.7
VAET: A Visual Analytics Approach for E-transactions Time-Series	Xie, Cong; Chen, Wei; Huang, Xinxin; Hu, Yueqi; Barlowe, Scott	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2014	1	0.38	63.13	1.4
A label ranking method based on Gaussian mixture model	Zhou, Yangming; Liu, Yangguang; Gao, Xiao-Zhi; Qiu, Guoping	KNOWLEDGE-BASED SYSTEMS	2014	1	0.38	63.13	3.33
Compression of next-generation sequencing quality scores using memetic algorithm	Zhou, Jiarui; Ji, Zhen; Zhu, Zexuan; He, Shan	BMC BIOINFORMATICS	2014	1	0.38	63.13	2.44
Virtual Spectrum Hole: Exploiting User Behavior-Aware Time-Frequency Resource Conversion	Shan, Hangguan; Ni, Zhifeng; Zhuang, Weihua; Huang, Aiping; Wang, Wei	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	2014	1	0.38	63.13	2.93
A Systematic Study on Explicit-State Non-Zenoness Checking for Timed Automata	Wang, Ting; Sun, Jun; Wang, Xinyu; Liu, Yang; Si, Yuanjie	IEEE TRANSACTIONS ON SOFTWARE ENGINEERING	2015	1	1.13	37.34	1.52
GPU-based polygonization and optimization for implicit surfaces	Chen, Junjie; Jin, Xiaogang; Deng, Zhigang	VISUAL COMPUTER	2015	1	1.13	37.34	1.06
Trust-aware media recommendation	Wu, Jian; Chen, Liang;	WORLD WIDE	2015	1	1.13	37.34	1.54

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in heterogeneous social networks	Yu, Qi; Han, Panpan; Wu, Zhaohui	WEB-INTERNET AND WEB INFORMATION SYSTEMS					
A system for mining interesting tourist locations and travel sequences from public geo-tagged photos	Majid, Abdul; Chen, Ling; Mirza, Hamid Turab; Hussain, Ibrar; Chen, Gencai	DATA & KNOWLEDGE ENGINEERING	2015	1	1.13	37.34	1.5
Analytical solutions for tree-like structure modelling using subdivision surfaces	Zhu, Xiaoqiang; Jin, Xiaogang; You, Lihua	COMPUTER ANIMATION AND VIRTUAL WORLDS	2015	1	1.13	37.34	0.55
A sparse-representation-based robust inspection system for hidden defects classification in casting components	Zhao, Xinyue; He, Zaixing; Zhang, Shuyou; Liang, Dong	NEUROCOMPUTING	2015	1	1.13	37.34	2.39
Urban landscape classification using Chinese advanced high-resolution satellite imagery and an object-oriented multi-variable model	Ma, Li-Gang; Deng, Jin-song; Yang, Huai; Hong, Yang; Wang, KE	FRONTIERS OF INFORMATION TECHNOLOGY & ELECTRONIC ENGINEERING	2015	1	1.13	37.34	
Surface EMG Decomposition Based on K-means Clustering and Convolution Kernel Compensation	Ning, Yong; Zhu, Xiangjun; Zhu, Shan'an; Zhang, Yingchun	IEEE JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS	2015	1	1.13	37.34	2.09
Dual analysis for recommending developers to resolve bugs	Xia, Xin; Lo, David; Wang, Xinyu; Zhou, BO	JOURNAL OF SOFTWARE-EVOLUTION AND PROCESS	2015	1	1.13	37.34	0.73

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ELBlocker: Predicting blocking bugs with ensemble imbalance learning	Xia, Xin; Lo, David; Shihab, Emad; Wang, Xinyu; Yang, Xiaohu	INFORMATION AND SOFTWARE TECHNOLOGY	2015	1	1.13	37.34	1.57
Learning to Track Multiple Targets	Liu, Xiao; Tao, Dacheng; Song, Mingli; Zhang, Luming; Bu, Jiajun	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS	2015	1	1.13	37.34	4.85
Stretch-Minimizing Volumetric Parameterization	Jin, Yao; Qian, Gui-Ping; Zhao, Jie-yi; Chang, Jian; Tong, Ruo-feng	JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY	2015	1	1.13	37.34	0.48
Vehicle-pedestrian interaction for mixed traffic simulation	Chao, Qianwen; Deng, Zhigang; Jin, Xiaogang	COMPUTER ANIMATION AND VIRTUAL WORLDS	2015	1	1.13	37.34	0.55
Distributed coordination in multi-agent systems: a graph Laplacian perspective	Han, Zhi-Min; Lin, Zhi-Yun; Fu, Min-yue; Chen, Zhi-Yong	FRONTIERS OF INFORMATION TECHNOLOGY & ELECTRONIC ENGINEERING	2015	1	0.47	53.1	
A graph-based comprehensive reputation model: Exploiting the social context of opinions to enhance trust in social commerce	Yan, Su-Rong; Zheng, Xiao-lin; Wang, Yan; Song, William Wei; Zhang, Wen-Yu	INFORMATION SCIENCES	2015	1	1.13	37.34	3.36
Large Scale Spectral Clustering Via Landmark-Based Sparse Representation	Cai, Deng; Chen, Xinlei	IEEE TRANSACTIONS ON CYBERNETICS	2015	1	1.13	37.34	4.94

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A reaction-diffusion modeling of carbonation process in self-compacting concrete	Fu, Chuanqing; Ye, Hailong; Jin, Xianyu; Jin, Nanguo; Gong, Lingli	COMPUTERS AND CONCRETE	2015	1	1.13	37.34	0.85
Design and Effects of Personal Visualizations	Wang, Shimin; Tanahashi, Yuzuru; Leaf, Nick; Ma, Kwan-Liu	IEEE COMPUTER GRAPHICS AND APPLICATIONS	2015	1	1.13	37.34	1.2
Real-Time High-Fidelity Facial Performance Capture	Cao, Chen; Bradley, Derek; Zhou, Kun; Beeler, Thabo	ACM TRANSACTIONS ON GRAPHICS	2015	1	1.13	37.34	4.22
Optical Interconnects at the Top of the Rack for Energy-Efficient Data Centers	Chen, JiaJia; Gong, Yu; Fiorani, Matteo; Aleksic, Slavisa	IEEE COMMUNICATIONS MAGAZINE	2015	1	1.13	37.34	5.13
Right mix of speech and non-speech: hybrid auditory feedback in mobility assistance of the visually impaired	Hussain, Ibrar; Chen, Ling; Mirza, Hamid Turab; Chen, Gencai; Saeed-Ul Hassan	UNIVERSAL ACCESS IN THE INFORMATION SOCIETY	2015	1	1.13	37.34	0.66
A Lightweight Virtualization Solution for Android Devices	Chen, Wenzhi; Xu, Lei; Li, Guoxi; Xiang, Yang	IEEE TRANSACTIONS ON COMPUTERS	2015	1	1.13	37.34	1.72
TightCCD: Efficient and Robust Continuous Collision Detection using Tight Error Bounds	Wang, Zhendong; Tang, Min; Tong, Ruofeng; Manocha, Dinesh	COMPUTER GRAPHICS FORUM	2015	1	1.13	37.34	1.54
AMC: an adaptive multi-level cache algorithm in hybrid storage systems	Cheng, Yuxia; Chen, Wenzhi; Wang, Zonghui;	CONCURRENCY AND COMPUTATION-PRACTIC	2015	1	1.13	37.34	0.94

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	Yu, Xinjie; Xiang, Yang	E & EXPERIENCE					
Where2Stand: A Human Position Recommendation System for Souvenir Photography	Wang, Yinting; Song, Mingli; Tao, Dacheng; Rui, Yong; Bu, Jiajun	ACM TRANSACTIONS ON INTELLIGENT SYSTEMS AND TECHNOLOGY	2015	1	1.13	37.34	2.41
Near-Duplicate Keyframe Retrieval by Semi-Supervised Learning and Nonrigid Image Matching	Zhu, Jianke; Hoi, Steven C. H.; Lyu, Michael R.; Yan, Shuicheng	ACM TRANSACTIONS ON MULTIMEDIA COMPUTING COMMUNICATIONS AND APPLICATIONS	2011	0	0	100	0.98
3D TRIANGLE MESH COMPRESSION BASED ON VECTOR QUANTIZATION WITH k-RING VECTOR PREDICTION	Tang, Lin-Lin; Lu, Zhe-Ming; Yu, Fa-Xin; Wang, Ping-Hui; Li, Zhen	INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL	2011	0	0	100	
Structural visualization of sequential DNA data	Mao, Xiao-hong; Fu, Jing-Hua; Chen, Wei; You, Qian; Fang, Shiao-fen	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2011	0	0	100	0.39
Procedural modeling of water caustics and foamy water for cartoon animation	Liao, Jing; Yu, Jin-hui; Jia, Long	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2011	0	0	100	0.39

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Sketch-based rotation editing	Xie, Yue; Xu, Wei-wei; Yu, Yi-zhou; Weng, Yan-lin	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2011	0	0	100	0.39
A Reusable Agent Design Pattern with Flexibility and Extensibility	Zhang, Hao Lan; Zeng, Wenhua; Van der Velden, Christian	COMPUTER SCIENCE AND INFORMATION SYSTEMS	2011	0	0	100	0.62
Feature Location in Source Code by Trace-Based Impact Analysis and Information Retrieval	Cai, Zhengong; Yang, Xiaohu; Wang, Xinyu; Kavs, Aleksander J.	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	2012	0	0	100	0.23
Diffusion tensor interpolation profile control using non-uniform motion on a Riemannian geodesic	Son, Chang-Il; Xia, Shun-ren	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2012	0	0	100	0.39
Compressing repeated content within large-scale remote sensing images	Hua, Wei; Wang, Rui; Zeng, Xusheng; Tang, Ying; Wang, Huamin	VISUAL COMPUTER	2012	0	0	100	1.06
Quantitative control of idealized analysis models of thin designs	Li, Ming; Zheng, Junzhe; Martin, Ralph R.	COMPUTERS & STRUCTURES	2012	0	0	100	2.43
Wake Synthesis For Shallow Water Equation	Pan, Zherong; Huang, Jin; Tong, Yiying; Bao, Hujun	COMPUTER GRAPHICS FORUM	2012	0	0	100	1.54
Overlapping community detection combining content and link	He, Zhou-zhou; Zhang, Zhong-fei (Mark); Yu,	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE	2012	0	0	100	0.39

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	Philip S.	C-COMPUTERS & ELECTRONICS					
A fault tolerant single sided matrix converter for flight control actuation systems	Huang, Xiao-yan; Jin, Mao-jing; Zhang, Jian-Cheng; Lu, Qin-fen; Fang, You-tong	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2012	0	0	100	0.39
Societally connected multimedia across cultures	Zhang, Zhongfei; Zhang, Zhengyou; Jain, Ramesh; Zhuang, Yueting; Contractor, Noshir	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2012	0	0	100	0.39
Analysis, design, and experimental evaluation of power calculation in digital droop-controlled parallel microgrid inverters	Gao, Ming-zhi; Chen, Min; Jin, Cheng; Guerrero, Josep M.; Qian, Zhao-ming	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2013	0	0	100	0.39
Opacity volume based halo generation and depth-dependent halos	Tao, Yubo; Wang, Chao; Lin, Hai; Dong, Feng; Clapworthy, Gordon	VISUAL COMPUTER	2013	0	0	100	1.06
Energy-Efficient Soft Real-Time Scheduling for Parameter Estimation in WSNs	Zhang, Senlin; Wang, Zixiang; Qiu, Meikang; Liu, Meiqin	INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS	2013	0	0	100	0.91
EDA: an enhanced dual-active algorithm for location privacy preservation in mobile P2P networks	Che, Yan-zhe; Chiew, Kevin; Hong, Xiao-yan; Yang, Qiang; He,	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS &	2013	0	0	100	0.39

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	Qin-Ming	ELECTRONICS					
Particle Swarm Optimizer with Aging Operator for Multimodal Function Optimization	BoJiang; Wang, Ning; Li, Xiaodong	INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS	2013	0	0	100	0.39
Deriving problem frames from business process and object analysis models	Wang, Xinyu; Sun, Jie; Yang, Xiaohu; Wang, YE; Li, Shanping	EXPERT SYSTEMS	2013	0	0	100	0.95
Downlink interference minimization in cooperative cognitive LTE-femtocell networks	Tao, Xin; Zhao, Zhifeng; Li, Rongpeng; Palicot, Jacques; Zhang, Honggang	EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING	2013	0	0	100	0.63
Orientation Field Guided Texture Synthesis	Liu, Bei-bei; Weng, Yan-lin; Wang, Jian-Nan; Tong, Yi-Ying	JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY	2013	0	0	100	0.48
Avoiding request-request type message-dependent deadlocks in networks-on-chips	Wang, Xiaohang; Liu, Peng; Yang, Mei; Jiang, Yingtao	PARALLEL COMPUTING	2013	0	0	100	1
An efficient protocol with synchronization accelerator for multi-processor embedded systems	Yu, Jiyang; Liu, Peng; Wang, Weidong; Huang, Chunming; Yang, Jie	PARALLEL COMPUTING	2013	0	0	100	1
Utilizing BDI Agents and a Topological Theory for Mining Online	Zhang, Hao Lan; Liu, Jiming; Zhang, Yanchun	FUNDAMENTA INFORMATICA	2013	0	0	100	0.66

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Social Networks							
Texture mapping subdivision surfaces with hard constraints	Weng, Yanlin; Li, Dongping; Tong, Yiyang	VISUAL COMPUTER	2013	0	0	100	1.06
Improving Natural Language Requirements Quality Using Workflow Patterns	Wang, YE; Yang, Xiaohu; Chang, Cheng; Kavs, Alexander J.	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	2013	0	0	100	0.23
Interactive Localized Liquid Motion Editing	Pan, Zherong; Huang, Jin; Tong, Yiyang; Zheng, Changxi; Bao, Hujun	ACM TRANSACTIONS ON GRAPHICS	2013	0	0	100	4.22
Compact combinatorial maps: A volume mesh data structure	Feng, Xin; Wang, Yuanzhen; Weng, Yanlin; Tong, Yiyang	GRAPHICAL MODELS	2013	0	0	100	0.82
Safety evaluation of an ancient masonry seawall structure with modified DDA method	Jiang, Hongyi; Wang, Lizhong; Li, Lingling; Guo, Zhen	COMPUTERS AND GEOTECHNICS	2014	0	0	100	1.71
Erasable Photograph Tagging: A Mobile Application Framework Employing Owner's Voice	Zhao, Zhenfei; Luo, Hao; Zhong, Hua; Yang, Bian; Lu, Zhe-Ming	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	2014	0	0	100	0.23
A secure routing model based on distance vector routing algorithm	Wang Bin; Wu Chunming; Yang Qiang; Lai Pan; Lan Julong	SCIENCE CHINA-INFORMATION SCIENCES	2014	0	0	100	0.89
DEAM: Decoupled, Expressive, Area-Efficient Metadata Cache	Liu, Peng; Fang, Lei; Huang, Michael C.	JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY	2014	0	0	100	0.48

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A Reduced Model for Interactive Hairs	Chai, Menglei; Zheng, Changxi; Zhou, Kun	ACM TRANSACTIONS ON GRAPHICS	2014	0	0	100	4.22
Link Quality Aware Code Dissemination in Wireless Sensor Networks	Dong, Wei; Liu, Yunhao; Zhao, Zhiwei; Liu, Xue; Chen, Chun	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2014	0	0	100	2.66
Energy-aware routing for delay-sensitive underwater wireless sensor networks	Zhang Senlin; Wang ZiXiang; Liu Meiqin; Qiu MeiKang	SCIENCE CHINA-INFORMATION SCIENCES	2014	0	0	100	0.89
A computational approach to joint line detection on triangular meshes	Yang, Xunnian; Zheng, Jianmin; Wang, Desheng	ENGINEERING WITH COMPUTERS	2014	0	0	100	1.46
Face Recognition via Curvelets and Local Ternary Pattern-Based Features	Zhou, Lijian; Liu, Wanquan; Lu, Zhe-Ming; Nie, Tingyuan	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	2014	0	0	100	0.23
Sub-Pixel Anti-Aliasing Via Triangle-Based Geometry Reconstruction	Du, Wenjun; Feng, Jieqing; Yang, Baoguang	COMPUTER GRAPHICS FORUM	2014	0	0	100	1.54
Generation maintenance scheduling based on multiple objectives and their relationship analysis	Zhan, Jun-Peng; Guo, Chuang-xin; Wu, Qing-Hua; Zhang, Lu-liang; Fu, Hong-Jun	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE C-COMPUTERS & ELECTRONICS	2014	0	0	100	0.39
Visual Abstraction and Exploration of Multi-class Scatterplots	Chen, Haidong; Chen, Wei; Mel, Honghui; Liu, Zhiqi; Zhou, Kun	IEEE TRANSACTIONS ON VISUALIZATION AND COMPUTER GRAPHICS	2014	0	0	100	1.4
Feature-Adaptive Rendering of Loop	Huang, Yun-Cen; Feng,	JOURNAL OF	2014	0	0	100	0.48

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Subdivision Surfaces on Modern GPUs	Jie-Qing; Niessner, Matthias; Cui, Yuan-Min; Yang, Baoguang	COMPUTER SCIENCE AND TECHNOLOGY					
Graph indexing for large networks: A neighborhood tree-based approach	Lin, Zhen; Bei, Yijun	KNOWLEDGE-BASED SYSTEMS	2014	0	0	100	3.33
Fast and Exact Continuous Collision Detection with Bernstein Sign Classification	Tang, Min; Tong, Ruofeng; Wang, Zhendong; Manocha, Dinesh	ACM TRANSACTIONS ON GRAPHICS	2014	0	0	100	4.22
Automatic Shader Simplification Using Surface Signal Approximation	Wang, Rui; Yang, Xianjin; Yuan, Yazhen; Chen, Wei; Bala, Kavita	ACM TRANSACTIONS ON GRAPHICS	2014	0	0	100	4.22
Spectral Quadrangulation with Feature Curve Alignment and Element Size Control	Ling, Ruotian; Huang, Jin; Juettler, Bert; Sun, Feng; Bao, Hujun	ACM TRANSACTIONS ON GRAPHICS	2014	0	0	100	4.22
Improved rat genome gene prediction by integration of ESTs with RNA-Seq information	Li, LiPing; Chen, Enguo; Yang, Chun; Zhu, Jun; Jayaraman, Pushkala	BIOINFORMATICS	2015	0	0	100	5.77
On truth-gaps, truth-gluts, and bipolar propositions	Tang, Yongchuan; Lawry, Jonathan	INTERNATIONAL JOURNAL OF APPROXIMATE REASONING	2015	0	0	100	2.7
High-quality tree structures modelling using local convolution surface	Zhu, Xiaoqiang; Jin, Xiaogang; You, Lihua	VISUAL COMPUTER	2015	0	0	100	1.06

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approximation							
ILP Based Multithreaded Code Generation for Simulink Model	Huang, Kai; Yu, Min; Zhang, Xiaomeng; Zheng, Dandan; Xiu, Siwen	IEICE TRANSACTIONS ON INFORMATION AND SYSTEMS	2014	0	0	100	0.23
Evaluation of semi-supervised learning method on action recognition	Shen, Haoquan; Yan, Yan; Xu, Shicheng; Ballas, Nicolas; Chen, Wenzhi	MULTIMEDIA TOOLS AND APPLICATIONS	2015	0	0	100	1.33
Design and Analysis of Distributed Hopping-Based Channel Access in Multi-Channel Cognitive Radio Systems with Delay Constraints	Zhang, Gongzheng; Huang, Aiping; Shan, Hangguan; Wang, Jian; Quek, Tony Q. S.	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	2014	0	0	100	3.67
On efficient k-optimal-location-selection query processing in metric spaces	Gao, Yunjun; Qi, Shuyao; Chen, LU; Zheng, Baihua; Li, Xinhan	INFORMATION SCIENCES	2015	0	0	100	3.36
Profiling-Based Workload Consolidation and Migration in Virtualized Data Centers	Ye, Kejiang; Wu, Zhaohui; Wang, Chen; Zhou, Bing Bing; Si, Weisheng	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2015	0	0	100	2.66
Profiling and annotation combined method for multimedia application specific MPSoC performance	Huang, Kai; Zhang, Xiao-Xu; Xiu, Si-wen; Zheng, Dan-dan; Yu, Min	FRONTIERS OF INFORMATION TECHNOLOGY &	2015	0	0	100	

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estimation		ELECTRONIC ENGINEERING					
Automatic, high accuracy prediction of reopened bugs	Xia, Xin; Lo, David; Shihab, Emad; Wang, Xinyu; Zhou, BO	AUTOMATED SOFTWARE ENGINEERING	2015	0	0	100	1.31
Graph-based local concept coordinate factorization	Li, Ping; Bu, Jiajun; Zhang, Lijun; Chen, Chun	KNOWLEDGE AND INFORMATION SYSTEMS	2015	0	0	100	1.7
Efficient route search on hierarchical dynamic road networks	Xu, Jiajie; Gao, Yunjun; Liu, Chengfei; Zhao, Lei; Ding, Zhiming	DISTRIBUTED AND PARALLEL DATABASES	2015	0	0	100	0.8
Validation of Monte Carlo simulation for discontinuity locations in space	Zheng, Jun; Deng, Jianhui; Zhang, Guoqiang; Yang, Xiaojuan	COMPUTERS AND GEOTECHNICS	2015	0	0	100	1.71
Joint spectrum sensing and access for stable dynamic spectrum aggregation	Wang, Wei; Wu, Lingcen; Zhang, Zhaoyang; Chen, Lin	EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING	2015	0	0	100	0.63
Fine-grained parallel algorithm for unstructured surface mesh generation	Zhao, Dawei; Chen, Jianjun; Zheng, Yao; Huang, Zhengge; Zheng, Jianjing	COMPUTERS & STRUCTURES	2015	0	0	100	2.43
City-Scale Social Event Detection and	Zhang, Wangsheng; Qi,	ACM TRANSACTIONS	2015	0	0	100	2.41

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Evaluation with Taxi Traces	Guande; Pan, Gang; Lu, Hua; Li, Shijian	ON INTELLIGENT SYSTEMS AND TECHNOLOGY					
Communication Optimizations for Multithreaded Code Generation from Simulink Models	Huang, Kai; Yu, Min; Yan, Rongjie; Zhang, Xiaomeng; Yan, Xiaolang	ACM TRANSACTIONS ON EMBEDDED COMPUTING SYSTEMS	2015	0	0	100	0.71
Tunnelling under pile groups and rafts: Numerical parametric study on tension effects	Hong, Y.; Soomro, M. A.; Ng, C. W. W.; Wang, L. Z.; Yan, J. J.	COMPUTERS AND GEOTECHNICS	2015	0	0	100	1.71
Automatic surface repairing, defeaturing and meshing algorithms based on an extended B-rep	Chen, Jianjun; Cao, Bingwan; Zheng, Yao; Xie, Lijun; Li, Chenfeng	ADVANCES IN ENGINEERING SOFTWARE	2015	0	0	100	1.67
Improved auxiliary particle filter-based synchronization of chaotic Colpitts circuit and its application to secure communication	Shi, Zhiguo; Bi, Songjie; Zhang, Hongtao; Lu, Rongxing; Shen, Xuemin (Sherman)	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	2015	0	0	100	0.92
Bayesian network based semantic image classification with attributed relational graph	Ri, Chang-Yong; Yao, Min	MULTIMEDIA TOOLS AND APPLICATIONS	2015	0	0	100	1.33
Building a dense surface map incrementally from semi-dense point cloud and RGB images	Li, Qian-shan; Xiong, Rong; Huang, Shoudong; Huang, Yi-Ming	FRONTIERS OF INFORMATION TECHNOLOGY & ELECTRONIC	2015	0	0	100	

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		ENGINEERING					
Relativized common knowledge for dynamic epistemic logic	Wang, Yi N.; Agotnes, Thomas	JOURNAL OF APPLIED LOGIC	2015	0	0	100	0.52
Improved approximation algorithms for a bilevel knapsack problem	Qiu, Xian; Kern, Walter	THEORETICAL COMPUTER SCIENCE	2015	0	0	100	0.64
Frame Field Generation through Metric Customization	Jiang, Tengfei; Fang, Xianzhong; Huang, Jin; Bao, Hujun; Tong, Yiyang	ACM TRANSACTIONS ON GRAPHICS	2015	0	0	100	4.22
Computational Hydrographic Printing	Zhang, Yizhong; Yin, Chunji; Zheng, Changxi; Zhou, Kun	ACM TRANSACTIONS ON GRAPHICS	2015	0	0	100	4.22
Efficient semi-supervised multiple feature fusion with out-of-sample extension for 3D model retrieval	Ji, Mingming; Feng, Yinfu; Xiao, Jun; Zhuang, Yueting; Yang, Xiaosong	NEUROCOMPUTING	2015	0	0	100	2.39
Enhanced Privacy and Authentication: An Efficient and Secure Anonymous Communication for Location Based Service Using Asymmetric Cryptography Scheme	Memon, Imran; Hussain, Ibrar; Akhtar, Rizwan; Chen, Gencai	WIRELESS PERSONAL COMMUNICATIONS	2015	0	0	100	0.7
End-to-end delay analysis for networked systems	Shen, Jie; He, Wen-Bo; Liu, Xue; Wang, Zhi-Bo; Wang, Zhi	FRONTIERS OF INFORMATION TECHNOLOGY &	2015	0	0	100	

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		ELECTRONIC ENGINEERING					
An analytical model for diffusion of chemicals under thermal effects in semi-infinite porous media	Xie, Haijian; Zhang, Chunhua; Sedighi, Majid; Thomas, Hywel R.; Chen, Yunmin	COMPUTERS AND GEOTECHNICS	2015	0	0	100	1.71
Scheduled approximation for Personalized PageRank with Utility-based Hub Selection	Zhu, Fanwei; Fang, Yuan; Chang, Kevin Chen-Chuan; Ying, Jing	VLDB JOURNAL	2015	0	0	100	1.74
Multi-Factor Duplicate Question Detection in Stack Overflow	Zhang, Yun; Lo, David; Xia, Xin; Sun, Jian-ling	JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY	2015	0	0	100	0.48
Tag Combine: Recommending Tags to Contents in Software Information Sites	Wang, Xin-yu; Xia, Xin; Lo, David	JOURNAL OF COMPUTER SCIENCE AND TECHNOLOGY	2015	0	0	100	0.48
Incentive-Driven and Freshness-Aware Content Dissemination in Selfish Opportunistic Mobile Networks	Zhou, Huan; Wu, Jie; Zhao, Hongyang; Tang, ShaoJie; Chen, Canfeng	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2015	0	0	100	2.66
Treelets Binary Feature Retrieval for Fast Keypoint Recognition	Zhu, Jianke; Wu, Chenxia; Chen, Chun; Cai, Deng	IEEE TRANSACTIONS ON CYBERNETICS	2015	0	0	100	4.94
Supply chain coordination under budget constraints	Feng, Xuehao; Moon, Ilkyeong; Ryu,	COMPUTERS & INDUSTRIAL	2015	0	0	100	2.09

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	Kwangeol	ENGINEERING					
Learning the Dynamics for Anomaly Detection in Wireless Sensor Networks	Gao, Yi; Chen, Chun; Bu, Jiajun; Dong, Wei; Ra, Lei	AD HOC & SENSOR WIRELESS NETWORKS	2015	0	0	100	0.59
Intuitive transfer function design for photographic volumes	Zhang, Bin; Tao, Yubo; Lin, Hai; Dong, Feng; Clapworthy, Gordon	JOURNAL OF VISUALIZATION	2015	0	0	100	0.72
EasyXplorer: A Flexible Visual Exploration Approach for Multivariate Spatial Data	Wu, Feiran; Chen, Guoning; Huang, Jin; Tao, Yubo; Chen, Wei	COMPUTER GRAPHICS FORUM	2015	0	0	100	1.54
Achieving Consistence for Cross-Domain WAN Control in Software-Defined Networks	Zhou Boyang; Wu Chunming; Gao Wen; Hong Xiaoyan; Jiang Ming	CHINA COMMUNICATIONS	2015	0	0	100	0.42
ShotVis: Smartphone-Based Visualization of OCR Information from Images	Zhu, Biao; Zhang, Hongxin; Chen, Wei; Xia, Feng; Maciejewski, Ross	ACM TRANSACTIONS ON MULTIMEDIA COMPUTING COMMUNICATIONS AND APPLICATIONS	2015	0	0	100	0.98
Occlusion-free feature exploration for volume visualization	Zhou, Zhiguang; Tao, Yubo; Lin, Hai; Dong, Feng; Clapworthy, Gordon	MULTIMEDIA TOOLS AND APPLICATIONS	2015	0	0	100	1.33
Online Structure Analysis for	Zhang, Yizhong; Xu,	ACM TRANSACTIONS	2015	0	0	100	4.22

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Real-Time Indoor Scene Reconstruction	Weiwei; Tong, Yiyang; Zhou, Kun	ON GRAPHICS					
Computation Offloading for Service Workflow in Mobile Cloud Computing	Deng, Shuiguang; Huang, Longtao; Taheri, Javid; Zomaya, Albert Y.	IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS	2015	0	0	100	2.66
Robust Integral of Neural Network and Error Sign Control of MIMO Nonlinear Systems	Yang, Qinmin; Jagannathan, Sarangapani; Sun, Youxian	IEEE TRANSACTIONS ON NEURAL NETWORKS AND LEARNING SYSTEMS	2015	0	0	100	4.85
Mining Spatial-Temporal Patterns and Structural Sparsity for Human Motion Data Denoising	Feng, YinFu; Ji, Mingming; Xiao, Jun; Yang, Xiaosong; Zhang, Jian J.	IEEE TRANSACTIONS ON CYBERNETICS	2015	0	0	100	4.94
Adaptive Reduced-Rank Receive Processing Based on Minimum Symbol-Error-Rate Criterion for Large-Scale Multiple-Antenna Systems	Cai, Yunlong; de Lamare, Rodrigo C.; Champagne, Benoit; Qin, Boya; Zhao, Minjian	IEEE TRANSACTIONS ON COMMUNICATIONS	2015	0	0	100	2.3
Sum-Rate and Power Scaling of Massive MIMO Systems With Channel Aging	Kong, Chuili; Zhong, Caijun; Papazafeiropoulos, Anastasios K.; Matthaiou, Michail; Zhang, Zhaoyang	IEEE TRANSACTIONS ON COMMUNICATIONS	2015	0	0	100	2.3

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Wireless-Powered Communications: Performance Analysis and Optimization	Zhong, Caijun; Chen, Xiaoming; Zhang, Zhaoyang; Karagiannidis, George K.	IEEE TRANSACTIONS ON COMMUNICATIONS	2015	0	0	100	2.3
Resource Synchronization and Preemption Thresholds Within Mixed-Criticality Scheduling	Zhao, Qingling; Gu, Zonghua; Zeng, Haibo	ACM TRANSACTIONS ON EMBEDDED COMPUTING SYSTEMS	2015	0	0	100	0.71
A Hybrid Trust-Based Recommender System for Online Communities of Practice	Zheng, Xiao-lin; Chen, Chao-Chao; Hung, Jui-Long; He, Wu; Hong, Fu-Xing	IEEE TRANSACTIONS ON LEARNING TECHNOLOGIES	2015	0	0	100	1.13

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