



Scientific Writing, Integrity and Ethics I

Introduction

Guoqiang Li
School of Software



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Course Information

Important Notifications



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This lecture is oriented to students major in computer sciences, as well as in software engineering!

Important Notifications



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This lecture is oriented to students major in computer sciences, as well as in software engineering!

The evaluation criterion of academic papers in computer sciences is quite different from other majors.

Important Notifications



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This lecture is oriented to students major in computer sciences, as well as in software engineering!

The evaluation criterion of academic papers in computer sciences is quite different from other majors.

Students other than School of Software and Department of CST are suggested to quit this lecture (Almost all departments have their own lectures).



Guoqiang LI



Guoqiang LI

- Homepage: <https://basics.sjtu.edu.cn/%7Eliguoqiang>
- Canvas: <https://oc.sjtu.edu.cn/courses/71711>
- Email: li.g@outlook.com
- Office: Rm. 1212, Building of Software
- Phone: [3420-4167](tel:3420-4167)



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TA:

- Ruibang LIU: 628628 (AT) sjtu (DOT) edu (DOT) com

Score Policy

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Attendee 40%

A report 60%



A team with **one** or two members

Report



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A team with **one** or two members

Well-organized, with references, with examples, in Chinese



A team with **one** or two members

Well-organized, with references, with examples, in Chinese

- ethics in computer science and software engineering.
- registration link : <https://docs.qq.com/sheet/DRHFpB21UREpUeVNI>
- each group at most **one** team

Candidates



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- A** Computer Architecture
- B** Parallel and Distributed Computing
- C** Computer Networks
- D** Security
- E** Software Engineering
- F** System Software
- G** Programming Languages
- H** Database and Data Mining
 - I** Theoretical Computer Science
 - J** Computer Graphics and Multimedia
- K** Artificial Intelligence
- L** Human Machine Interaction
- M** Interdisciplinary
- N** Big data
- O** LLM
- ...

- ①** Privacy
- ②** Freedom and Control
- ③** Intellectual Property
- ④** Crime and Security
- ⑤** Employment
- ⑥** Error, Failure and Risks
- ...



Sara Baase, Timothy Henry. Gift of Fire, A: Social, Legal, and Ethical Issues for Computing Technology (5th edition), Pearson, 2017

Michael Quinn. Ethics for the Information Age (8th edition), Pearson, 2019

Why Papers

Mostly Asked Questions by Students

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Mostly Asked Questions by Students



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How to write a paper?

How to respond to the reviewers/editors?

How to make a good presentation?

Mostly Asked Questions by Students



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How to write a paper?

How to respond to the reviewers/editors?

How to make a good presentation?

What are the rules for publishing a paper?

What are the rules for saving and sharing data?

What are the ethics in engineering design?

What are the ethics in computer science study?

Mostly Asked Questions by Students



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How to write a paper?

How to respond to the reviewers/editors?

How to make a good presentation?

What are the rules for publishing a paper?

What are the rules for saving and sharing data?

What are the ethics in engineering design?

What are the ethics in computer science study?

but, **before that...**

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Syllogism for Papers



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Life is like a journey.

Syllogism for Papers



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Life is like a journey.

Research is a part of life.

Syllogism for Papers



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Life is like a journey.

Research is a part of life.

Thus, research is like a journey.

Syllogism for Papers



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Life is like a journey.

Research is a part of life.

Thus, research is like a journey.

Papers are like photos when you are on a journey.

Syllogism for Papers



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Life is like a journey.

Research is a part of life.

Thus, research is like a journey.

Papers are like photos when you are on a journey.

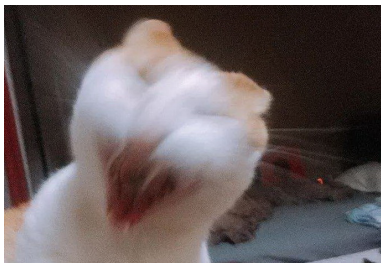


Papers as Photos



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A good **explorer** is not necessarily to
be a good **photographer**.

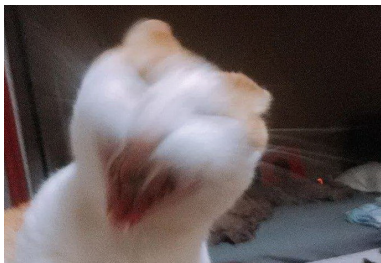


Papers as Photos



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A good **explorer** is not necessarily to
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A good **photographer** is not
necessarily to be a good **explorer**.



Some Terminologies

Paper Categories (Only for Computer Sciences)



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Paper Categories (Only for Computer Sciences)



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Peer review

Chinese characteristics

Paper Categories (Only for Computer Sciences)

SHANGHAI JIAO TONG
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Peer review

- Conference papers

Chinese characteristics

Paper Categories (Only for Computer Sciences)



SHANGHAI JIAO TONG
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Peer review

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Chinese characteristics

- Journal papers

Paper Categories (Only for Computer Sciences)



SHANGHAI JIAO TONG
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Peer review

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- Journal papers
 - SCI, EI ...

Paper Categories (Only for Computer Sciences)



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Peer review

- Conference papers

Chinese characteristics

- Journal papers
 - SCI, EI ...
 - so called Stupid Chinese Index...

Paper Categories (Only for Computer Sciences)



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Peer review

- Conference papers

Chinese characteristics

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 - SCI, EI ...
 - so called Stupid Chinese Index...

black list Vs. white list

Link: https://www.ccf.org.cn/Academic_Evaluation/By_category/



中国计算机学会
China Computer Federation

为计算机领域的专业人士服务

CNCC2020

加入CCF

FCES2020 CNCC2020 NOI YEF

关于CCF 新闻 会员 活动 出版物 数字图书馆 分支机构 奖励 计算机历史 合作 学会党建

您的位置: 首页 > 学术评价 > CCF推荐国际学术刊物目录

CCF推荐国际学术...
计算机体系结构/...
计算机网络
网络与信息安全
软件工程/系统软...
数据库/数据挖掘/...
计算机科学理论
计算机图形学与多...
人工智能
人机交互与普适计算
交叉/综合/新兴
CCF推荐中文科技...
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中国计算机学会推荐国际学术会议和期刊目录

阅读量:822906 2016-12-27 收藏本文

中国计算机学会(CCF)日前完成了《中国计算机学会推荐国际学术会议和期刊目录》(下文简称“目录”)第五版审定,现予发布。

2018年12月,CCF决定启动新一轮《目录》更新工作。此次更新距第四版目录(2015年12月)发布已有三年。本次更新的原则是:在既有基础上进行微调,领域分布保持不变,期刊和会议的推荐类别保持不变。目录仍分为A、B、C三类,其中,会议论文指“Full paper”或“Regular paper”(正式发表的长文),对于会议上其他形式发表的论文如Short paper、Demo paper、Technical Brief、Summary以及作为伴随会议的Workshop等不计入目录考虑的范围。需要说明的是,一些出版社和学术社团编发的magazine(杂志)未纳入本“目录”的推荐期刊列表中。

本次“目录”更新工作分为三个阶段完成:提议受理阶段、领域责任专家审议和初审推荐阶段,以及终审核准阶段。根据CCF的授权和工作安排,整个“目录”更新工作由CCF学术工委主持并组织CCF相关领域的专家完成。同时,CCF学术工委还负责为初审推荐阶段收集、整理和提供所需要的期刊会议相关数据以及国际上同行的观点与看法,并提供其它所需的辅助工作支撑。

CCF Ranking- SE as Example



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Journal series

- Ranking A: 3
- Ranking B: 13
- Ranking C: 8

Conference series

- Ranking A: 9
- Ranking B: 20
- Ranking C: 25

CCF Ranking- SE as Example



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[计算机网络](#)
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[软件工程/系统软件/程序设计语言](#)
[数据库/数据挖掘/内容检索](#)
[计算机科学理论](#)
[计算机图形学与多媒体](#)
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[人机交互与普适计算](#)
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中国计算机学会推荐国际学术刊物 (软件工程/系统软件/程序设计语言)

A类

序号	刊物名称	刊物全称	出版社	地址
1	TOPLAS	ACM Transactions on Programming Languages & Systems	ACM	http://dblp.uni-trier.de/db/journals/toplas/
2	TOSEM	ACM Transactions on Software Engineering and Methodology	ACM	http://dblp.uni-trier.de/db/journals/tosem/
3	TSE	IEEE Transactions on Software Engineering	IEEE	http://dblp.uni-trier.de/db/journals/tse/

B类

序号	刊物名称	刊物全称	出版社	地址
1	ASE	Automated Software Engineering	Springer	http://dblp.uni-trier.de/db/journals/ase/
2	ESE	Empirical Software Engineering	Springer	http://dblp.uni-trier.de/db/journals/ese/
3	TSC	IEEE Transactions on Service Computing	IEEE	http://dblp.uni-trier.de/db/journals/tsc/
4	IETS	IET Software	IET	http://dblp.uni-trier.de/db/journals/iee/index.htm
5	IST	Information and Software Technology	Elsevier	http://dblp.uni-trier.de/db/journals/infosof/index.htm
6	JFP	Journal of Functional Programming	Cambridge	http://dblp.uni-trier.de/db/journals/jfp/

CCF Ranking- SE as Example



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中国计算机学会推荐国际学术会议 (软件工程/系统软件/程序设计语言)

A类

序号	刊物名称	刊物全称	出版社	地址
1	PLDI	ACM SIGPLAN Symposium on Programming Language Design & Implementation	ACM	http://dblp.uni-trier.de/db/conf/pldi/
2	POPL	ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages	ACM	http://dblp.uni-trier.de/db/conf/popl/
3	FSE/ESEC	ACM SIGSOFT Symposium on the Foundation of Software Engineering/ European Software Engineering Conference	ACM	http://dblp.uni-trier.de/db/conf/sigsoft/
4	SOSP	ACM Symposium on Operating Systems Principles	ACM	http://dblp.uni-trier.de/db/conf/sosp/
5	OOPSLA	Conference on Object-Oriented Programming Systems, Languages, and Applications	ACM	http://dblp.uni-trier.de/db/conf/oopsla/
6	ASE	International Conference on Automated Software Engineering	IEEE/ACM	http://dblp.uni-trier.de/db/conf/kbse/
7	ICSE	International Conference on Software Engineering	ACM/IEEE	http://dblp.uni-trier.de/db/conf/icse/
8	ISSTA	International Symposium on Software Testing and Analysis	ACM	http://dblp.uni-trier.de/db/conf/issta/
9	OSDI	USENIX Symposium on Operating Systems Design and	USENIX	http://dblp.uni-trier.de/db/conf/osdi/



4:22

中国科学院文献情报...

2018年期刊分区表

2018年12月11日发布

IEEE Transactions on Systems Man Cybernetics-Systems

2168-2216

大类

工程技术 2 区

小类

AUTOMATION & CONTROL SYSTEMS 自动化与控制系统 3 区

COMPUTER SCIENCE, CYBERNETICS 计算机: 控制论 2 区

评价指标

Review	3年平均IF	2年总被引
否	3.028	11201

Web of Science 检索

中科院分区

- 一区-四区



4:22

中国科学院文献情报...

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2168-2216

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COMPUTER SCIENCE, CYBERNETICS 计算机: 控制论 2 区

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Web of Science 检索

中科院分区

- 一区-四区

JCR分区:

- Q1-Q4

Other Terminologies: IF



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Impact factor (IF)



Impact factor (IF)

$$JCR(J, Y) = c(Y; Y - 2, Y - 1) / p(Y - 2, Y - 1)$$

where

- $p(Y - 2, Y - 1)$: number of articles published in journal J in the previous two years ($Y - 1$ and $Y - 2$),
- $c(Y; Y - 2, Y - 1)$ is the number of citations in year Y of papers published during the previous two years in journal J .

Other Terminologies: ESI



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Essential Science Indicators (ESI)

Other Terminologies: ESI

Essential Science Indicators (ESI)

Entity	Percentile	Data Years
Researchers	1%	10
Institutions	1%	10
Countries	50%	10
Journals	50%	10
Highly Cited Papers	1%	10
Hot Papers	0.1%	2

Other Terminologies: ESI

Essential Science Indicators (ESI)

Entity	Percentile	Data Years
Researchers	1%	10
Institutions	1%	10
Countries	50%	10
Journals	50%	10
Highly Cited Papers	1%	10
Hot Papers	0.1%	2

e.g. **Highly Cited Papers** are papers that have received enough citations to place them in the top 1% when compared to all other papers published in the same year in the same field.

交大 A、B类





Conference Selections

Jordi Cabot, Javier Luis Cánovas Izquierdo, Valerio Cosentino. Are CS Conferences (Too) Closed Communities?
Communications of the ACM, Vol. 61 (10), 32-34, 2018

Viewpoint

Are CS Conferences (Too) Closed Communities?

Assessing whether newcomers have a more difficult time achieving paper acceptance at established conferences.

PUBLICATION IN TOP conferences is a key factor, albeit controversial,^{3,4} in the dissemination of ideas and career promotion in many areas of computer science. Therefore, it is a major goal for every CS researcher. However, many researchers believe publishing in a top conference is something reserved for the established members of the conference community. For newcomers, this is a tough nut to crack. Indeed, when talking with fellow researchers the assumed unspoken truth is always the same: If you are not one of “them,” you have no chance to get “in” on your own.

If this were true, it would imply that senior researchers wishing to change fields during their research career may have a difficult time doing so. And the impact would be even more dramatic for junior researchers: they could only access top venues by going together with their supervisor, limiting their options to make a name for themselves—exactly the opposite of what evaluation on commit-



change it)? Our goal in this Viewpoint is to shed some light on these issues.

Looking at the Data

To assess whether it is actually true that newcomers have a difficult time

Computer Software category, for which we were able to find available data in the DBLP dataset, the well-known online reference for computer science bibliographic information. The choice of CORE as ranking system is based on



Results show that newcomers' papers are indeed scarce. Most conferences (88%) show a percentage of newcomer papers under 40%. This value is significantly lower in top conferences, with a median value of 14%. As specific examples, well-regarded conferences show the following values: ICSE (5%), OOPSLA (13%), ICFP (11%), RE (6%). We may be tempted to quickly dismiss these numbers by attributing the low percentage of newcomers papers to a lack of newcomer submissions. While it is true that CS communities are shrinking (at least based on ACM tables for SIG memberships), which could imply that the "newcomers pool" is smaller, our analysis suggests that newcomer paper submissions represent at least one-third of the total number of submissions.^b

Conference Submission and Acceptance

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Conference Submission and Acceptance



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AAAI

Conference Submission and Acceptance

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AAAI

- AAIL 2017: 639/2571

Conference Submission and Acceptance

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AAAI

- AAI 2017: 639/2571
- AAI 2018: 938/3808

Conference Submission and Acceptance

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AAAI

- AAI 2017: 639/2571
- AAI 2018: 938/3808
- AAI 2019: 1150/7745

Conference Submission and Acceptance



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AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881

Conference Submission and Acceptance



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AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881
- AAAI 2021: 1692/9034

Conference Submission and Acceptance



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AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881
- AAAI 2021: 1692/9034
- AAAI 2022: 1349/11000+(9251)

Conference Submission and Acceptance



SHANGHAI JIAO TONG
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AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881
- AAAI 2021: 1692/9034
- AAAI 2022: 1349/11000+(9251)

ICSE

Conference Submission and Acceptance



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AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881
- AAAI 2021: 1692/9034
- AAAI 2022: 1349/11000+(9251)

ICSE

- ICSE 2017: 67/415



AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881
- AAAI 2021: 1692/9034
- AAAI 2022: 1349/11000+(9251)

ICSE

- ICSE 2017: 67/415
- ICSE 2018: 105/502

Conference Submission and Acceptance



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AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881
- AAAI 2021: 1692/9034
- AAAI 2022: 1349/11000+(9251)

ICSE

- ICSE 2017: 67/415
- ICSE 2018: 105/502
- ICSE 2019: 109/529



AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881
- AAAI 2021: 1692/9034
- AAAI 2022: 1349/11000+(9251)

ICSE

- ICSE 2017: 67/415
- ICSE 2018: 105/502
- ICSE 2019: 109/529
- ICSE 2020: 131/546

Conference Submission and Acceptance



SHANGHAI JIAO TONG
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AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881
- AAAI 2021: 1692/9034
- AAAI 2022: 1349/11000+(9251)

ICSE

- ICSE 2017: 67/415
- ICSE 2018: 105/502
- ICSE 2019: 109/529
- ICSE 2020: 131/546
- ICSE 2021: 138/615

Conference Submission and Acceptance



SHANGHAI JIAO TONG
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AAAI

- AAAI 2017: 639/2571
- AAAI 2018: 938/3808
- AAAI 2019: 1150/7745
- AAAI 2020: 1591/8881
- AAAI 2021: 1692/9034
- AAAI 2022: 1349/11000+(9251)

ICSE

- ICSE 2017: 67/415
- ICSE 2018: 105/502
- ICSE 2019: 109/529
- ICSE 2020: 131/546
- ICSE 2021: 138/615
- ICSE 2022: 197/751
- ICSE 2023: 208/797



For experience:

Out of 7583 total #ICLR2020 reviews:

1078 "do not know much about this area"

2484 "have read many papers in this area"

2604 "have published 1 or 2 papers"

1417 "have published in this field for many years"

47% of reviews haven't published in this area!

Journal Selections

Journal Selections



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9:11

中国科学院文献情报...

2018年期刊分区表

2018年12月11日发布

IEEE Transactions on Industrial Informatics

1551-3203

大类

工程技术 1 区 Top

小类

AUTOMATION & CONTROL SYSTEMS 自动化与控制系统 1 区

COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS 计算机：跨学科应用 1 区

ENGINEERING, INDUSTRIAL 工程：工业 1 区

评价指标

Review	3年平均IF	2年总被引
否	5.634	15350

IEEE Transactions on Industrial Informatics

Journal Selections



SHANGHAI JIAO TONG
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9:11

中国科学院文献情报...

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COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS 计算机：跨学科应用 1 区

ENGINEERING, INDUSTRIAL 工程：工业 1 区

评价指标

Review	3年平均IF	2年总被引
否	5.634	15350

IEEE Transactions on Industrial Informatics

- 2012: 3.381

Journal Selections



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9:11

中国科学院文献情报...

2018年期刊分区表

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IEEE Transactions on Industrial Informatics

1551-3203

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工程技术 1 区 Top

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AUTOMATION & CONTROL SYSTEMS 自动化与控制系统 1 区

COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS 计算机：跨学科应用 1 区

ENGINEERING, INDUSTRIAL 工程：工业 1 区

评价指标

Review	3年平均IF	2年总被引
否	5.634	15350

IEEE Transactions on Industrial Informatics

- 2012: 3.381
- 2013: 8.785

Journal Selections



SHANGHAI JIAO TONG
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9:11

中国科学院文献情报...

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1551-3203

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COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS 计算机：跨学科应用 1 区

ENGINEERING, INDUSTRIAL 工程：工业 1 区

评价指标

Review	3年平均IF	2年总被引
否	5.634	15350

IEEE Transactions on Industrial Informatics

- 2012: 3.381
- 2013: 8.785
- 2014: 0

Journal Selections



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9:11

中国科学院文献情报...

2018年期刊分区表

2018年12月11日发布

IEEE Transactions on Industrial Informatics

1551-3203

大类

工程技术 1 区 Top

小类

AUTOMATION & CONTROL SYSTEMS 自动化与控制系统 1 区

COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS 计算机: 跨学科应用 1 区

ENGINEERING, INDUSTRIAL 工程: 工业 1 区

评价指标

Review	3年平均IF	2年总被引
否	5.634	15350

IEEE Transactions on Industrial Informatics

- 2012: 3.381
- 2013: 8.785
- 2014: 0
- 2015: 4.708
- 2016: 6.764
- 2017: 5.43
- 2018: 7.377
- 2019: 9.112
- 2020: 10.215
- 2021: 11.648
- 2023: 12.3

中科院一区期刊IEEE TIV被标记为On Hold

原创 凯鲁嘎吉 凯鲁嘎吉
2024年07月25日 20:58 江苏 1人听过

近期，IEEE Transactions on Intelligent Vehicles期刊在Web of Science^Q官网上被标记为"On Hold"状态。这意味着对于近期想要向该刊投稿的研究者来说需要保持谨慎。

1. 关于 IEEE Transactions on Intelligent Vehicles

该期刊最近的分区结果显示其属于中科院一区，并拥有较高的影响因子（最新计算的影响因子为14），这表明该刊在智能车辆领域的学术影响力仍然非常显著。

IEEE Transactions on Intelligent Vehicles

ISSN: 2379-8858

IF 8.1，中科院1区，被科睿唯安官方预警！

原创 铁非 学之策 2024年06月17日 16:28
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期刊资讯
Journal News

据最新消息，Information Sciences已被科睿唯安官方标记为On Hold！

INFORMATION SCIENCES

Publication: ELSEVIER SCIENCE INC., 1750 10TH AVENUE, NEW YORK, NY 10019
ISSN: 0020-7179
Additional Information: Science Citation Index Expanded
Additional Web of Science Indexes: Current Contents/Engineering, Computing & Technology; Essential Science Indicators
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Limin Hou, Wenhao Li, Hesong Shen, Taochang Li:

Fuzzy Sliding Mode Control for Systems With Matched and Mismatched Uncertainties/Disturbances Based on ENDOB. 666-673

Ze Yu, Wenjiao Chen, Peng Xiao, Chunsheng Li:

AgileSAR: Achieving Wide-Swath Spaceborne SAR Based on Time-Space Sampling. 674-686

Hui Zhu, Hongbin Liang, Lian Zhao, Dai-Yuan Peng, Ling Xiong:

τ -Safe (I,k)-Diversity Privacy Model for Sequential Publication With High Utility. 687-701

Qingqing Yang, Yanqing Ye:

A Dual-Channel Equilibrium Management Model for Service Products Under Electronic Commerce Environment. 702-713

Lijuan Zhang, Wenlong Liu, Qian Liu, Minglu Jin, Sang-Jo Yoo:

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Young-Rae Cho, Seung-Jun Shin, Sung-Hyuk Yim, Kyeongbo Kong, Hyun-Woong Cho, Woo-Jin Song:

Multistage Fusion With Dissimilarity Regularization for SAR/IR Target Recognition. 728-740

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Research on the Active Guidance Control System in High Speed Maglev Train. 741-752

Rui Lai, Juntao Guan, Yintang Yang, Ai Xiong:

Spatiotemporal Adaptive Nonuniformity Correction Based on BTV Regularization. 753-762

Jiabin Cui, Guo-Wei Lu, Hongxiang Wang, Yuefeng Ji:

On-Chip Optical Vector Quadrature De-Multiplexer Proposal for QAM De-Aggregation by Single Bi-Directional SOA-Based Phase-Sensitive Amplifier. 763-772

Jianhua Zhong, Jun Zhang, Jiejunyi Liang, Haiqing Wang:

Multi-Fault Rapid Diagnosis for Wind Turbine Gearbox Using Sparse Bayesian Extreme Learning Machine. 773-781

Yuzhen Niu, Yini Zhong, Wenzhong Guo, Yiqing Shi, Peikun Chen:

2D and 3D Image Quality Assessment: A Survey of Metrics and Challenges. 782-801



Junxiu Liu, Jinlei Zhang, Yuling Luo, Su Yang, Jinling Wang, Qiang Fu:

Mass Spectral Substance Detections Using Long Short-Term Memory Networks. 10734-10744

Syed Umar Amin, M. Shamim Hossain, Ghulam Muhammad, Musaed Alhussein, Mohamed Abdur Rahman:

Cognitive Smart Healthcare for Pathology Detection and Monitoring. 10745-10753

Zheng Tang, Yen-Shuo Lin, Kuan-Hui Lee, Jenq-Neng Hwang, Jen-Hui Chuang:

ESTHER: Joint Camera Self-Calibration and Automatic Radial Distortion Correction From Tracking of Walking Humans. 10754-10766

Mengjun Zeng, Nanfeng Xiao:

Effective Combination of DenseNet and BiLSTM for Keyword Spotting. 10767-10775

Li Zhihui, Cao Qian, Yonghua Zhao, Tao Pengfei, Zhuo Rui:

Krill Herd Algorithm for Signal Optimization of Cooperative Control With Traffic Supply and Demand. 10776-10786

Cheng Chen, Wenxiang Yang, Fang Wang, Dan Zhao, Yang Liu, Liang Deng, Canqun Yang:

Reverse Offload Programming on Heterogeneous Systems. 10787-10797

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TT-Miner: Topology-Transaction Miner for Mining Closed Itemset. 10798-10810

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HW-CDI: Hard-Wired Control Data Integrity. 10811-10822

Tong Wang, Azhar Hussain, Wang Xi Bo, Sabita Maharjan:

Artificial Intelligence for Vehicle-to-Everything: A Survey. 10823-10843

Jaber Al-Khori, Galymzhan Nauryzbayev, Mohamed M. Abdallah, Mounir Hamdi:

Secrecy Performance of Decode-and-Forward Based Hybrid RF/VLC Relaying Systems. 10844-10856

Li Feng, Qinghai Yang, Kyehyun Kim, Kyung Sup Kwak:

Two-Timescale Resource Allocation for Wireless Powered D2D Communications With Self-Interested Nodes. 10857-10869

Academic Discrimination?



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10:02

中国科学院文献情报... 2018年期刊分区表

2018年12月11日发布

JOURNAL OF THE ACM

0004-5411

大类

工程技术 3 区

小类

COMPUTER SCIENCE, HARDWARE & ARCHITECTURE 计算机: 硬件 3 区

COMPUTER SCIENCE, INFORMATION SYSTEMS 计算机: 信息系统 3 区

COMPUTER SCIENCE, SOFTWARE ENGINEERING 计算机: 软件工程 3 区

COMPUTER SCIENCE, THEORY & METHODS 计算机: 理论方法 3 区

评价指标

Review	3年平均IF	2年总被引
否	1.881	13114

Academic Discrimination?



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中国科学院文献情报报...

2018年期刊分区表

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JOURNAL OF THE ACM

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大类

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COMPUTER SCIENCE, HARDWARE & ARCHITECTURE 计算机: 硬件 3 区

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COMPUTER SCIENCE, SOFTWARE ENGINEERING 计算机: 软件工程 3 区

COMPUTER SCIENCE, THEORY & METHODS 计算机: 理论方法 3 区

评价指标

Review	3年平均IF	2年总被引
否	1.881	13114

9:51

中国科学院文献情报报...

2019年12月16日发布

JOURNAL OF THE ACM

0004-5411

大类

工程技术 3 区

小类

COMPUTER SCIENCE, HARDWARE & ARCHITECTURE 计算机: 硬件 3 区

COMPUTER SCIENCE, INFORMATION SYSTEMS 计算机: 信息系统 4 区

COMPUTER SCIENCE, SOFTWARE ENGINEERING 计算机: 软件工程 3 区

COMPUTER SCIENCE, THEORY & METHODS 计算机: 理论方法 3 区

评价指标

Review	3年平均IF	2年总被引
否	1.923	13167

9:48

JOURNAL OF THE...

JOURNAL OF THE ACM

ISSN: 0004-5411

Review: 否

大类及分区

工程技术 4 区

小类及分区

COMPUTER SCIENCE, HARDWARE & ARCHITECTURE 计算机: 硬件 4 区

COMPUTER SCIENCE, INFORMATION SYSTEMS 计算机: 信息系统 4 区

COMPUTER SCIENCE, SOFTWARE ENGINEERING 计算机: 软件工程 3 区

COMPUTER SCIENCE, THEORY & METHODS 计算机: 理论方法 3 区

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(g) 论文定级标准:

奖学金评审论文/会议定级标准 (普通标准, 如有级别冲突, 按照高等级计算)	
论文/会议等级	计分
交大 SCI 期刊 A/B 档	A 档 30 分, B 档 15 分
其他 SCI 源期刊	10 分
其他 EI 源期刊	3 分
北大核心期刊	2 分
交大各学科重要国际学术会议目录 A 类国际会议	6 分

7/18

交大各学科重要国际学术会议目录 B 类国际会议	4 分
交大各学科重要国际学术会议目录 C 类国际会议	2 分
其他 EI 源会议	2 分
其他会议	1 分

奖学金评审论文/会议定级补充标准 (自动化系适用, 如有级别冲突, 按照高等级计算)	
论文/会议等级	计分
CCF 期刊 A/B 档	A 档 30 分, B 档 15 分
5 个指定中文期刊: 中国科学、科学通报、计算机学报、电子学报、自动化学报	12 分

Blue Pill or Red Pill



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Conference Papers VS. Journal Papers



D. Patterson, L. Snyder, and J. Ullman. Best practices Memo: Evaluating Computer Scientists and Engineers for Promotion and Tenure. Computer Research Association, 1999.

J. Chen and J. A. Konstan, Conference Paper Selectivity and Impact. Communications of the ACM, Vol. 53(6), 79–83, 2010

C. E. Glassick, M. T. Huber, and G. I. Maeroff, Scholarship Assessed: Evaluation of the Professoriate. Jossey-Bass, 1997.

M. Y. Vardi, Conferences vs. Journals in Computing Research. Communications of the ACM, Vol. 52(5), 5–5, 2009

Why Choose Conferences

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Conferences are more timely than journals.

Conferences have higher standards of novelty.

Conference Selectivity



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Two purposes:

- pick the best submitted papers
- signal prospective authors and readers about conference quality.

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- pick the best submitted papers
- signal prospective authors and readers about conference quality.

Acceptance rates of 15-20% is optimal for generating the highest number of future citations for both the proceedings and the top papers submitted.

Why Choose Journals



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In most scientific fields, journals have higher standards than conferences.

Why Choose Journals



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In most scientific fields, journals have higher standards than conferences.

Many universities evaluate faculty on the basis of journal publications.

Why Choose Journals



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In most scientific fields, journals have higher standards than conferences.

Many universities evaluate faculty on the basis of journal publications.

Journals may have longer page limits and journal reviews tend to be more detailed.

Why Choose Journals



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In most scientific fields, journals have higher standards than conferences.

Many universities evaluate faculty on the basis of journal publications.

Journals may have longer page limits and journal reviews tend to be more detailed.

Journal papers are more likely to be correct and readable than conference papers.



In CS, conference publication is preferred to journal publication, at least for experimentalists.

The **Computer Research Association** asserts that conference publication is superior to journal publication in computer science.

The typical conference submission receives four to five evaluations, whereas the typical journal submission receives only two to three evaluations.

Computing researchers are right to view conferences as an important archival venue and use acceptance rate as an indicator of future impact.

Time Consuming



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Usually, journal submission may spend more time to obtain a result.

Time Consuming



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Usually, journal submission may spend more time to obtain a result.

Maybe too long...

Time Consuming



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Usually, journal submission may spend more time to obtain a result.

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Action	Manuscript Number	Title	Initial Date Submitted	Status Date	Current Status
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计算领域高质量科技期刊分级目录

编制单位：中国计算机学会 (CCF)

序号	T1 类	CN 号	语种	主办单位
1	计算机学报	11-1826/TP	中文	中国科学院计算技术研究所、中国计算机学会
2	软件学报	11-2560/TP	中文	中国科学院软件研究所、中国计算机学会
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4	中国科学：信息科学	11-5846/TP	中文	中国科学院、国家自然科学基金委员会
5	计算机科学技术学报 (英文) Journal of Computer Science and Technology	11-2296/TP	英文	中科院计算所、中国计算机学会
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8	计算机科学前沿 (英文版) Frontiers of Computer Science	10-1014/TP	英文	高等教育出版社有限公司、北京航空航天大学
9	自动化学报	11-2109/TP	中文	中国科学院自动化研究所、中国自动化学会
10	电子学报 (英文) Chinese Journal of Electronics	10-1284/TN	英文	中国电子学会、电子工业出版社
11	信息与电子工程前沿 (英文) Frontiers of Information Technology & Electronic Engineering	33-1389/TP	英文	中国工程院、浙江大学
12	通信学报	11-2102/TN	中文	中国通信学会
13	计算机辅助设计与图形学学报	11-2925/TP	中文	中国计算机学会、北京中科期刊出版有限公司
14	自动化学报 (英文版) Journal of Automatica Sinica	10-1193/TP	英文	中国自动化学会、中国科学院自动化研究所、中国科技出版传媒股份有限公司
15	中文信息学报	11-2325/N	中文	中国中文信息学会、中国科学院软件研究所
16	科学通报	11-1784/N	中文	中国科学院、国家自然科学基金委员会

All the opinions in this lecture are only for Computer Sciences and Software Engineering, and only my opinions!