IEEE智慧科研三重奏：

AI驱动的文献挖掘 x 论文黄金架构 x 选刊决策引擎

China GROUP 长跟信息技术咨询（上海）有限公司

IEEE Advancing Technology for Humanity

大纲

- 解锁IEEE Xplore资源宝库——全球顶尖科技资源检索平台介绍
- 揭秘高效检索科研文献的N种方法——AI驱动的文献挖掘及热点把控
- 介绍IEEE科技文献英文写作——黄金结构解析与写作范式
- 解析精准选刊的策略与投稿的全部流程——选刊决策引擎

解锁IEEE Xplore资源宝库

——全球顶尖科技资源检索平台深度解析

The Institute of Electrical and Electronics Engineers

电气电子工程师学会

IEEE的成立

1884 — 1912 — 1963 — Present

+

=

AIEE
American Institute
of Electrical Engineers
美国电气工程师学会

IRE
Institute of Radio
Engineers
无线电工程师学会

IEEE
The Institute of Electrical and Electronics Engineers
电气电子工程师学会

IEEE组织情况

- **非营利组织，全球最大的技术行业学会，成员遍布190多个国家地区，会员超过48万人**（统计截止2025年2月）

- 340多个地方分会
- 2800多个专业委员会
- 3600多个学生分会

- 8个地方分会
- 85个学生分会

- IEEE Aerospace and Electronic Systems Society
- IEEE Antennas and Propagation Society
- IEEE Broadcast Technology Society
- IEEE Circuits and Systems Society
- IEEE Communications Society
- IEEE Computational Intelligence Society
- IEEE Computer So
- IEEE Consumer
- IEEE Control Sys
- IEEE Dielectrics
- IEEE Education S
- IEEE Electron De
- IEEE Electronics
- IEEE Electromagn
- IEEE Engineering in Medicine and Biology Society
- IEEE Geoscience and Remote Sensing Society
- IEEE Industrial Electronics Society
- IEEE Industry Applications Society
- IEEE Information Theory Society
- IEEE Instrumentation and Measurement Society

39个专业协会
IEEE Societies

- IEEE Intelligent Transportation Systems Society
- IEEE Magnetics Society
- IEEE Microwave Theory and Techniques Society
- IEEE Nuclear and Plasma Sciences Society
- IEEE Oceanic Engineering Society
- IEEE Photonics Society
- IEEE Power Electronics Society
- Society
- on Society
- ociety
- ons of Technology
- IEEE Solid-State Circuits Society
- IEEE Systems, Man, and Cybernetics Society
- IEEE Technology and Engineering Management Society
- IEEE Ultrasonics, Ferroelectrics, and Frequency Control Society
- IEEE Vehicular Technology Society

IEEE涵盖各个科技领域

More than just electrical engineering & computer science

- Aerospace & Defense
- Automotive Engineering
- Biomedical Engineering
- Circuits & Systems
- Cloud Computing
- Communications
- Computer Software
- Electronics
- Energy
- Engineering
- Imaging
- Information Technology
- Medical Devices
- Nanotechnology
- Petroleum & Gas
- Power Electronics
- Power Systems
- Robotics & Automation
- Semiconductors
- Smart Grid
- Wireless Broadband

and more

出版世界电气电子工程和计算机领域

1/3 的文献






IEEE Xplore平台访问

IEEE所有文献均上载到 IEEE Xplore平台：https://ieeexplore.ieee.org

浏览器推荐：Firefox Safari Chrome Opera Microsoft Edge 不推荐：IE11

IEEE Xplore访问

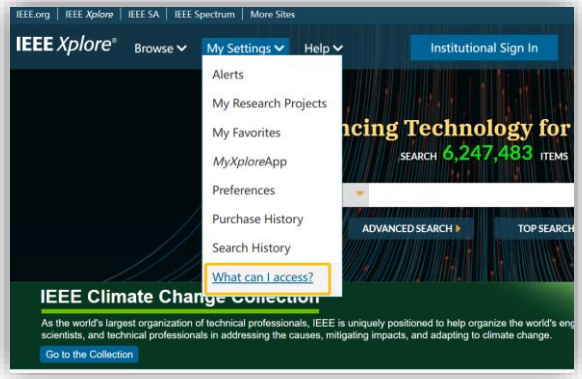
校内IP自动认证　URL: *https://ieeexplore.ieee.org*

IEEE Xplore 全文数据库

- 210+ IEEE期刊和杂志
- 2000+ IEEE会议录（每年）
- 5000+ IEEE标准文档（草案除外）
- IET、VDE会议录
- Bell Labs技术期刊

→ IEEE Electronic Library (IEL)数据库

- IBM期刊，MIT期刊, AGU期刊, URSI
- (OA 期刊): TUP, CSEE, CPSS, CES, CMP，CIE，BIAI，SAIEE
- IEEE-Wiley, Wiley Telecom，Wiley Data and Cybersecurity，Wiley Semiconductors， MIT，Artech House，River，PUP、Packt，Manning，De Gruyter电子图书
- Now Publishers综述文集
- 在线技术课程



揭秘高效检索科研文献的N种方法
——AI驱动的文献挖掘及热点把控

IEEE Xplore介绍

As the world's largest organization of technical professionals, IEEE is uniquely positioned to help organize the world's engineers, scientists, and technical professionals in addressing the causes, mitigating impacts, and adapting to climate change.

Go to the Collection

Featured Authors

Long Cheng
(CHINA)

Passive Model Predictive Impedance Control for Safe Physical Human-Robot Interaction

Follow

MORE FROM LONG CHENG

Mariagrazia Dotoli
(ITALY)

Distributed Noncooperative MPC for Energy Scheduling of Charging and Trading Electric Vehicles in Energy Communities

Follow

MORE FROM MARIAGRAZIA DOTOLI

Mark Anastasio
(UNITED STATES)

A Test Statistic Estimation-based Approach for Establishing Self-interpretable CNN-based Binary Classifiers

Follow

MORE FROM MARK ANASTASIO

Featured Articles

MAP-Elites for Genetic Programming-Based Ensemble Learning: An Interactive Approach [AI-eXplained]

READ MORE

I Charge, Therefore I Drive: Current State of Electric Vehicle Charging Systems

READ MORE

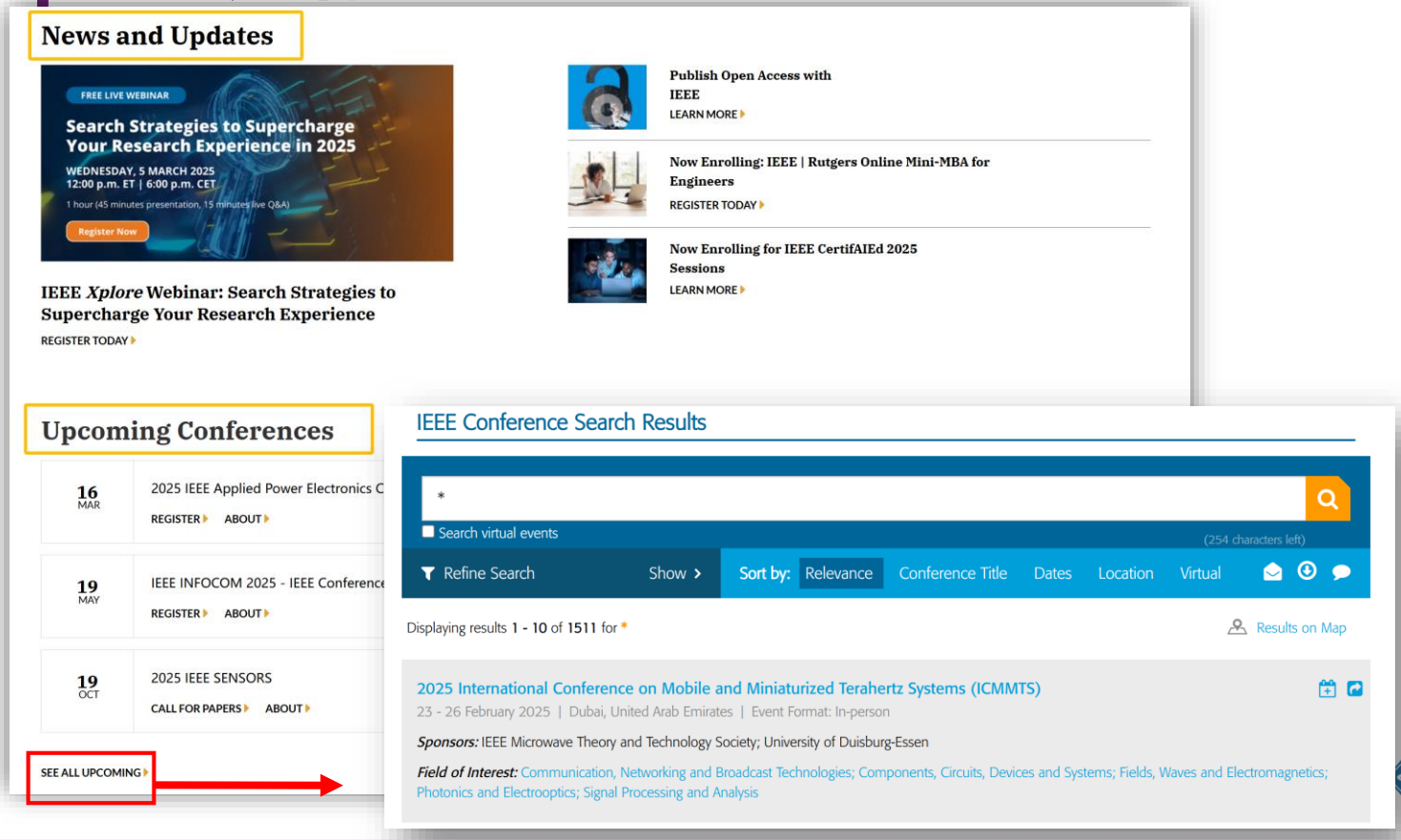
Underwater vehicles are being trained to navigate without GPS.

READ MORE

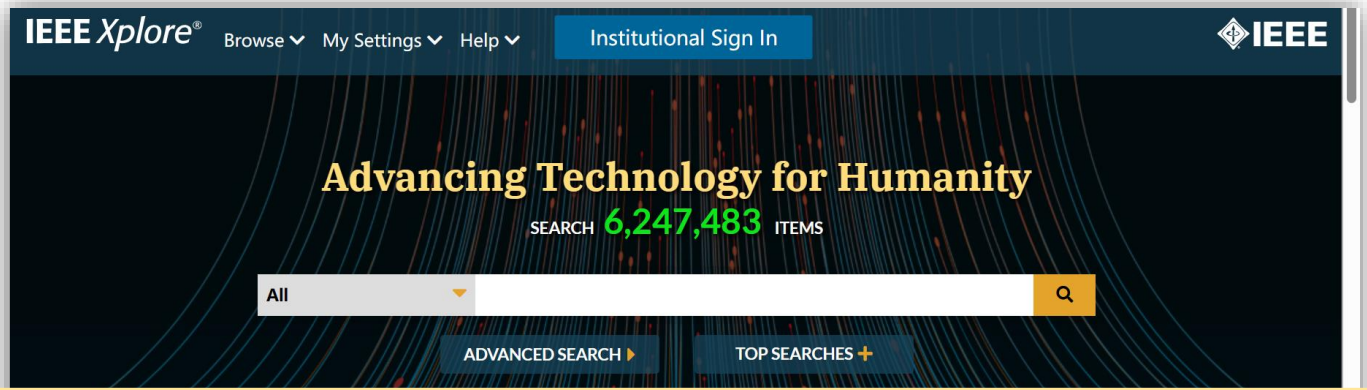
了解作者


Long Cheng
Also published under: L. Cheng
Affiliation
School of Artificial Intelligence
University of Chinese Academy of Sciences
Beijing, China
Publication Topics
Neural Network, Interaction Forces, Adaptive Control, Autonomous Underwater Vehicles, Force Sensor,
Follow
Manage Profile
Publications
172
Citations
6,242
Publications by Year
2007
2025
Co-Authors:
Xuejian Bai
Gui-Bin Bian
Mingxue Cai
Y. Cao
Zhi-Qiang Cao
Show All Co-Authors (222)
ID: ORCID=Open Researcher and Contributor
开放研究者及贡献者唯一标识符
作用:
a. 链接其他平台的发文，建立paper file
b. ID数字用于区分同名同姓作者
has published more than 100 technical papers in peer-refereed journals and prestigious conference proceedings. His research interests include rehabilitation robot, intelligent control, and neural networks. Dr. Chen... Show More
Author's Published Works
Feedback

IEEE Xplore介绍



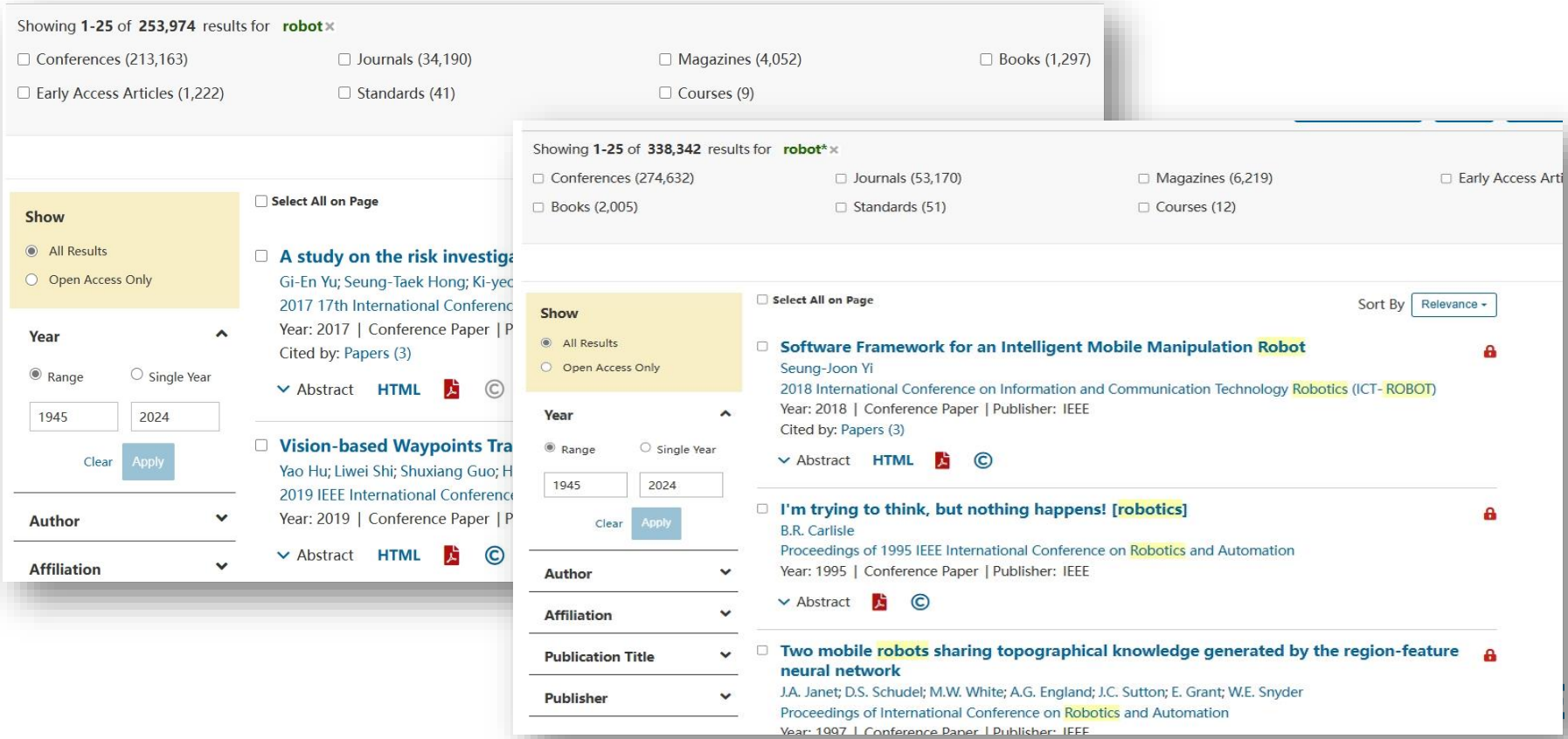
一框式检索核心技术



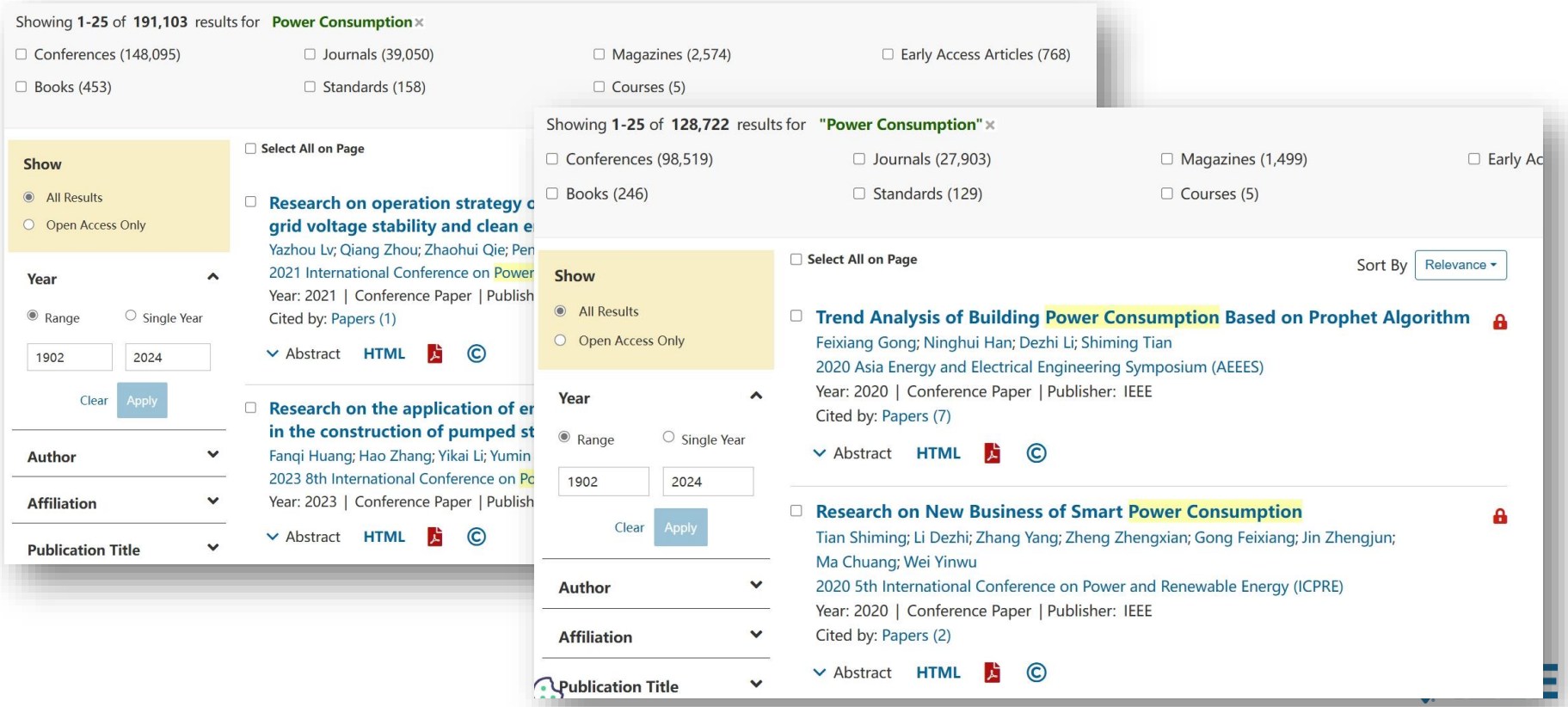
一框式检索(Global Search)

1. 默认检索内容：metadata only
2. 检索词之间的默认关系：AND　如 artificial intelligence= artificial AND intelligence
3. 自动获取词根：名词单复数, 动词时态变换, 英式美式拼写
4. 模糊检索使用*和？：learn*（可以包含learn、learning、learned、 learner ）
5. 精确检索使用双引号：词组、固定搭配； 如“artificial intelligence”
6. 支持命令检索：　如"Abstract": artificial AND "Publication Title": intelligence
7. 检索词不区分大小写，检索运算符全部大写

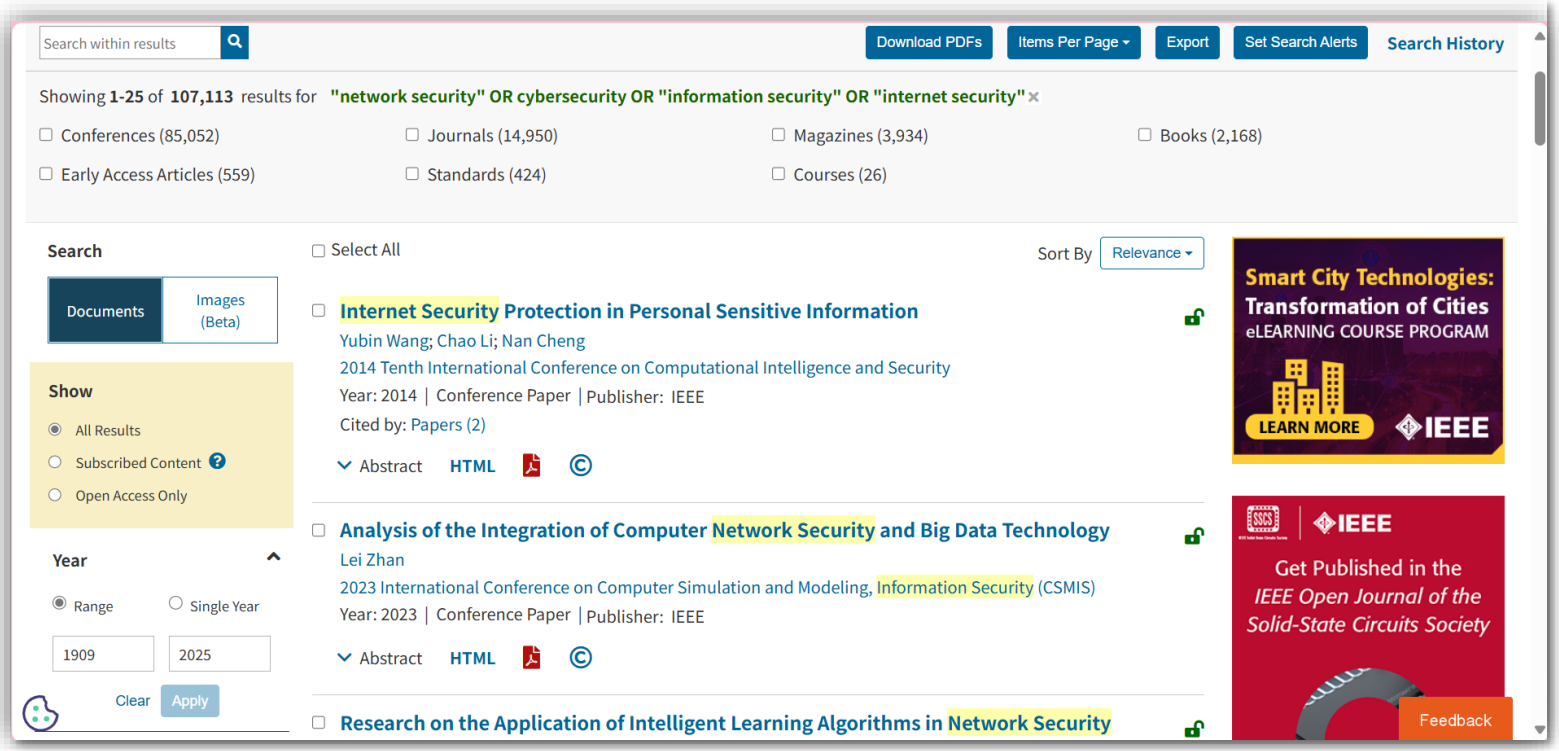
文献检索： robot vs robot*



文献检索： Power Consumption vs "Power Consumption"



AI驱动的文献挖掘-利用deepseek构建检索式



缩减框

文献类型筛选

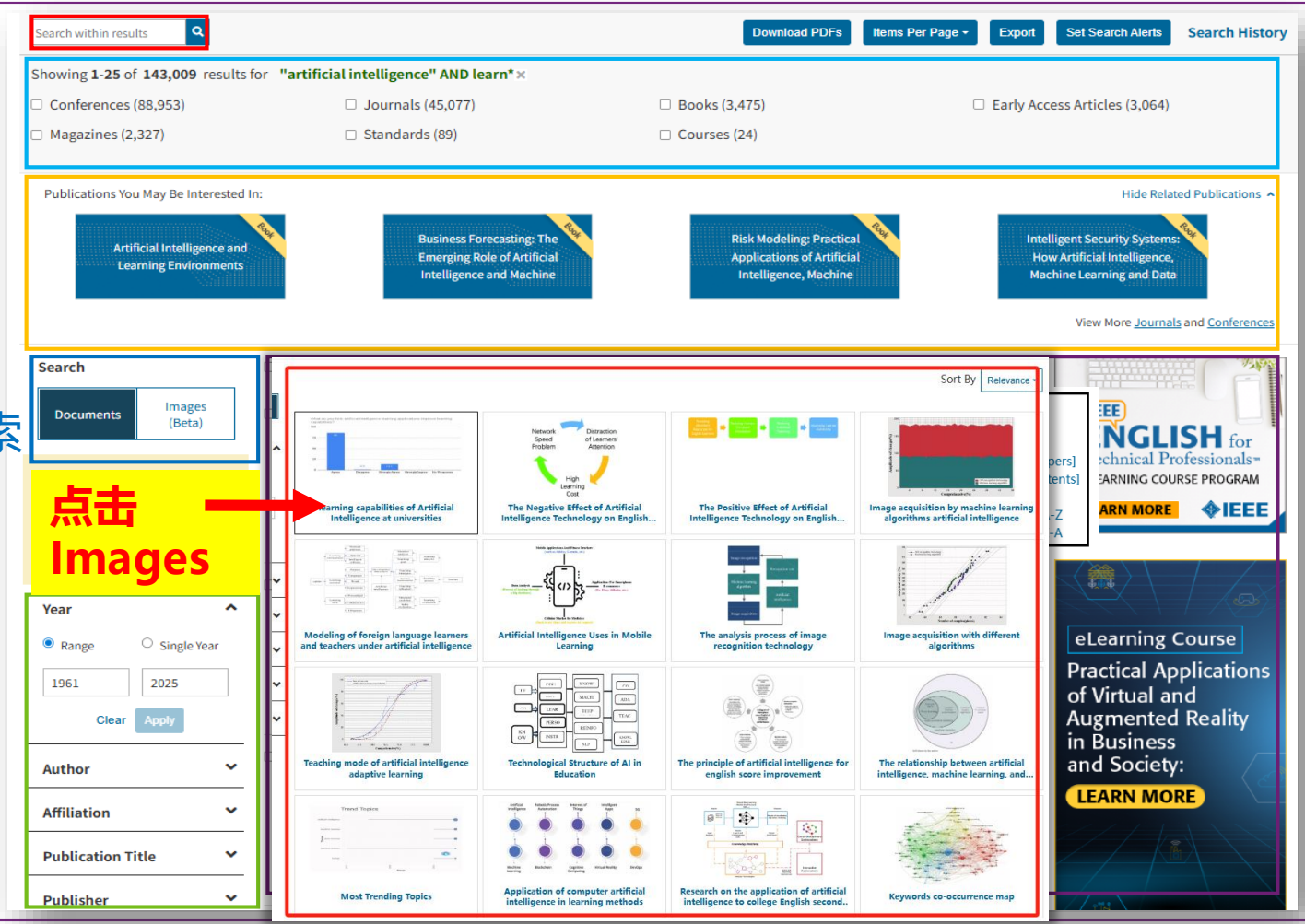
出版物推荐

新功能
图像搜索
-仅限IEL用户

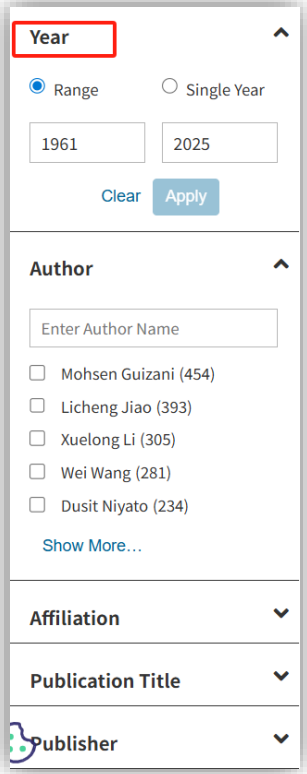
文献排序

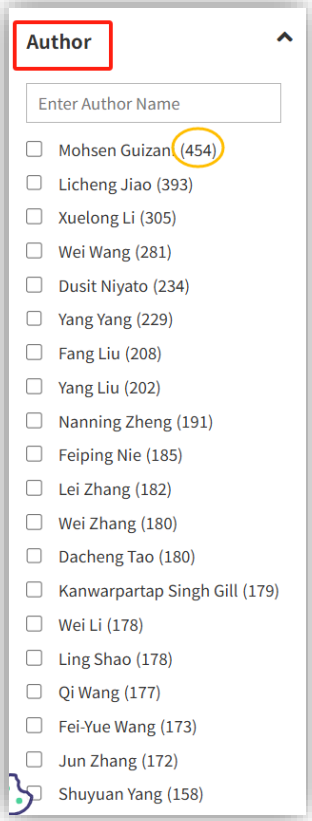
聚类
分析栏

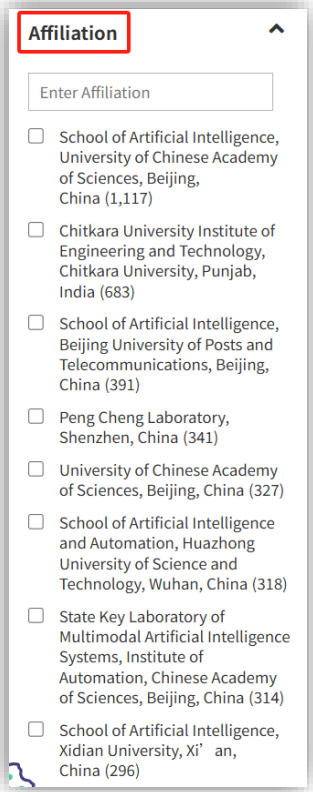
相关文献推荐

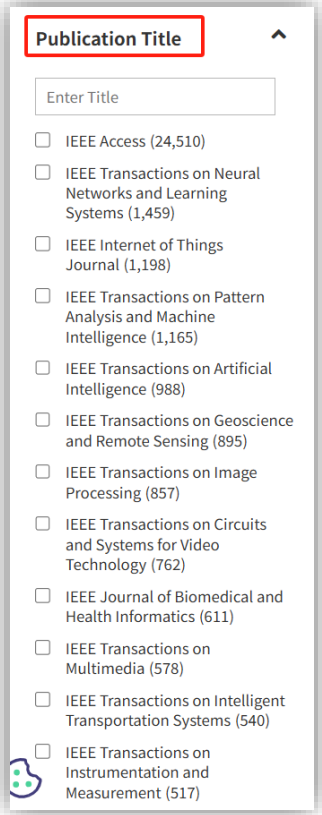


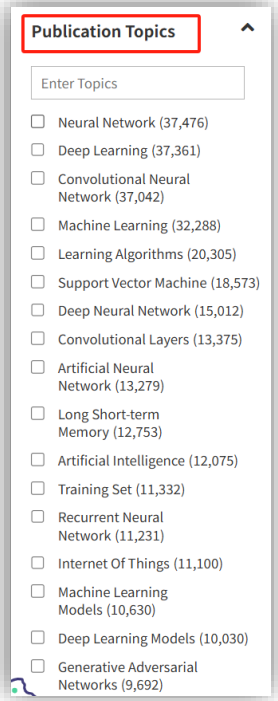
聚类分析功能


Year
Range
Single Year
1961
2025
Clear
Apply
Author
Enter Author Name
Mohsen Guizani (454)
Licheng Jiao (393)
Xuelong Li (305)
Wei Wang (281)
Dusit Niyato (234)
Show More…
Affiliation
Publication Title
Publisher

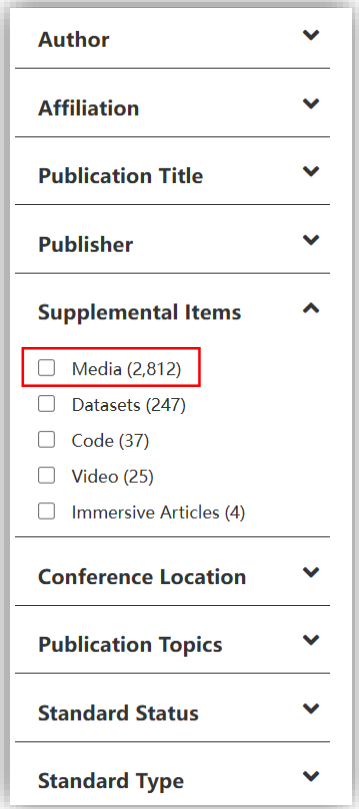

Author
Enter Author Name
Mohsen Guizani (454)
Licheng Jiao (393)
Xuelong Li (305)
Wei Wang (281)
Dusit Niyato (234)
Yang Yang (229)
Fang Liu (208)
Yang Liu (202)
Nanning Zheng (191)
Feiping Nie (185)
Lei Zhang (182)
Wei Zhang (180)
Dacheng Tao (180)
Kanwarpartap Singh Gill (179)
Wei Li (178)
Ling Shao (178)
Qi Wang (177)
Fei-Yue Wang (173)
Jun Zhang (172)
Shuyuan Yang (158)

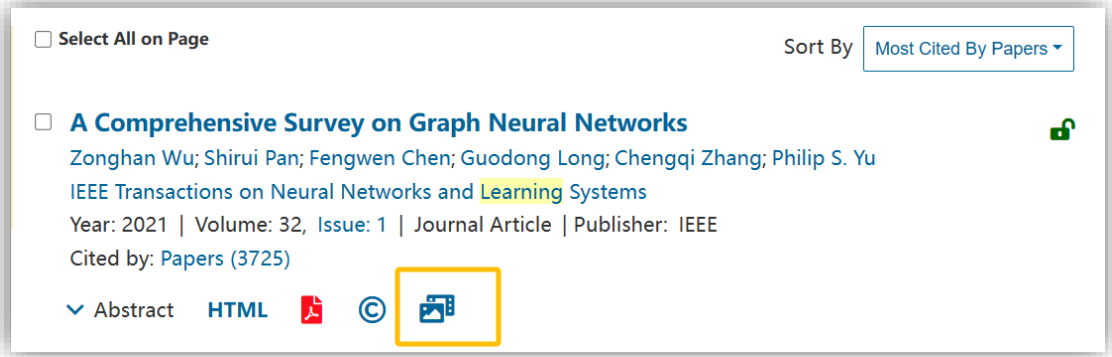

Affiliation
Enter Affiliation
School of Artificial Intelligence, University of Chinese Academy of Sciences, Beijing, China (1,117)
Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India (683)
School of Artificial Intelligence, Beijing University of Posts and Telecommunications, Beijing, China (391)
Peng Cheng Laboratory, Shenzhen, China (341)
University of Chinese Academy of Sciences, Beijing, China (327)
School of Artificial Intelligence and Automation, Huazhong University of Science and Technology, Wuhan, China (318)
State Key Laboratory of Multimodal Artificial Intelligence Systems, Institute of Automation, Chinese Academy of Sciences, Beijing, China (314)
School of Artificial Intelligence, Xidian University, Xi' an, China (296)

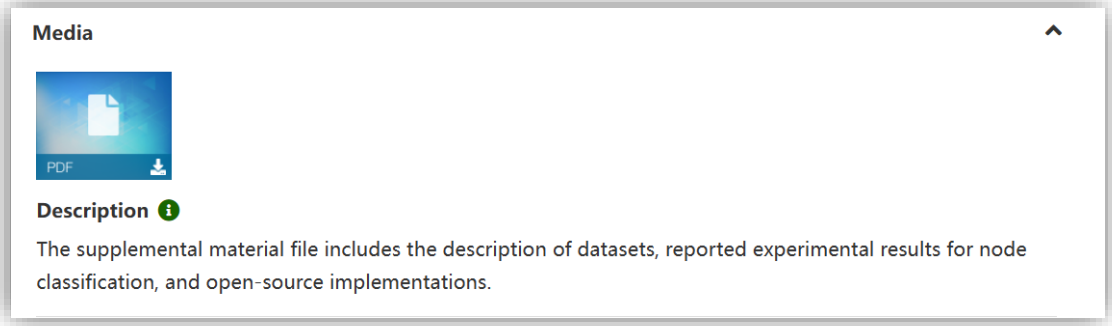

Publication Title
Enter Title
IEEE Access (24,510)
IEEE Transactions on Neural Networks and Learning Systems (1,459)
IEEE Internet of Things Journal (1,198)
IEEE Transactions on Pattern Analysis and Machine Intelligence (1,165)
IEEE Transactions on Artificial Intelligence (988)
IEEE Transactions on Geoscience and Remote Sensing (895)
IEEE Transactions on Image Processing (857)
IEEE Transactions on Circuits and Systems for Video Technology (762)
IEEE Journal of Biomedical and Health Informatics (611)
IEEE Transactions on Multimedia (578)
IEEE Transactions on Intelligent Transportation Systems (540)
IEEE Transactions on Instrumentation and Measurement (517)


Publication Topics
Enter Topics
Neural Network (37,476)
Deep Learning (37,361)
Convolutional Neural Network (37,042)
Machine Learning (32,288)
Learning Algorithms (20,305)
Support Vector Machine (18,573)
Deep Neural Network (15,012)
Convolutional Layers (13,375)
Artificial Neural Network (13,279)
Long Short-term Memory (12,753)
Artificial Intelligence (12,075)
Training Set (11,332)
Recurrent Neural Network (11,231)
Internet Of Things (11,100)
Machine Learning Models (10,630)
Deep Learning Models (10,030)
Generative Adversarial Networks (9,692)

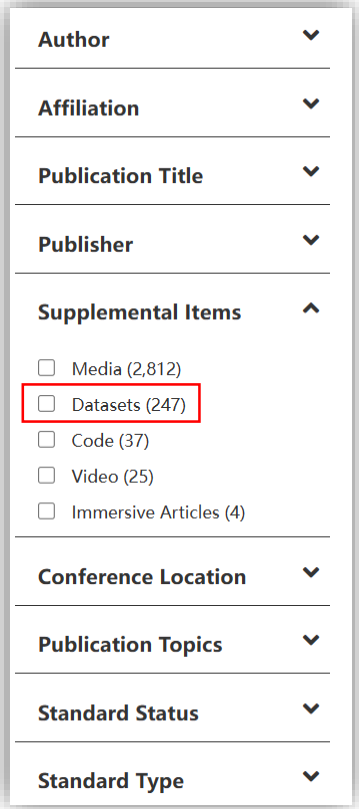
辅助材料-Media

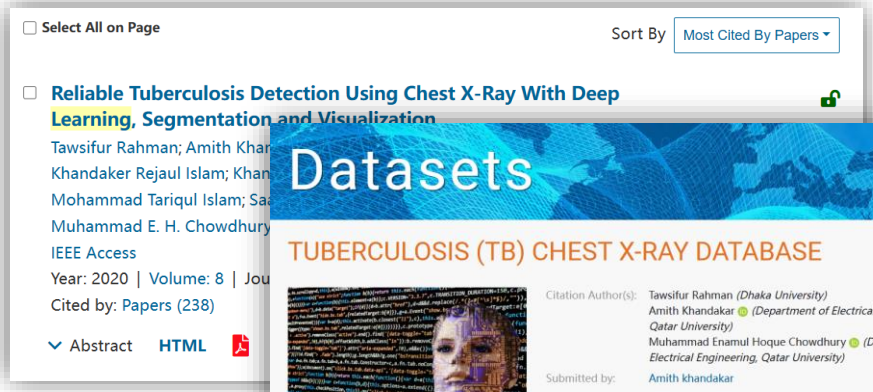

Author
Affiliation
Publication Title
Publisher
Supplemental Items
Media (2,812)
Datasets (247)
Code (37)
Video (25)
Immersive Articles (4)
Conference Location
Publication Topics
Standard Status
Standard Type

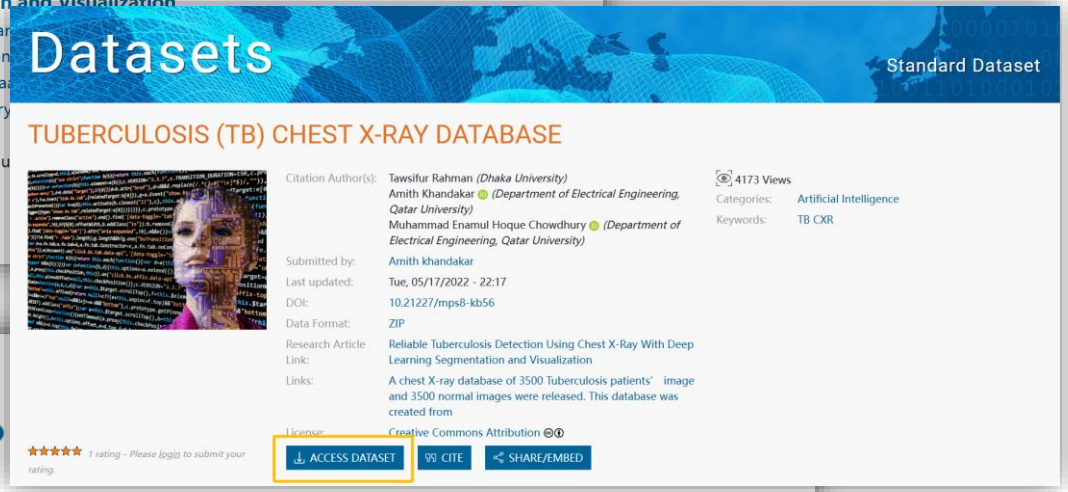

Select All on Page
Sort By
Most Cited By Papers
A Comprehensive Survey on Graph Neural Networks
Zonghan Wu; Shirui Pan; Fengwen Chen; Guodong Long; Chengqi Zhang; Philip S. Yu
IEEE Transactions on Neural Networks and Learning Systems
Year: 2021 | Volume: 32, Issue: 1 | Journal Article | Publisher: IEEE
Cited by: Papers (3725)
Abstract
HTML

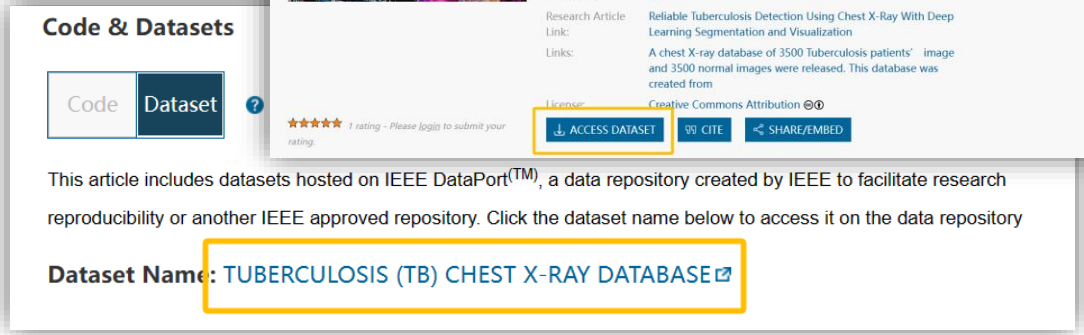

Media
PDF
Description
The supplemental material file includes the description of datasets, reported experimental results for node classification, and open-source implementations.

辅助材料-Datasets

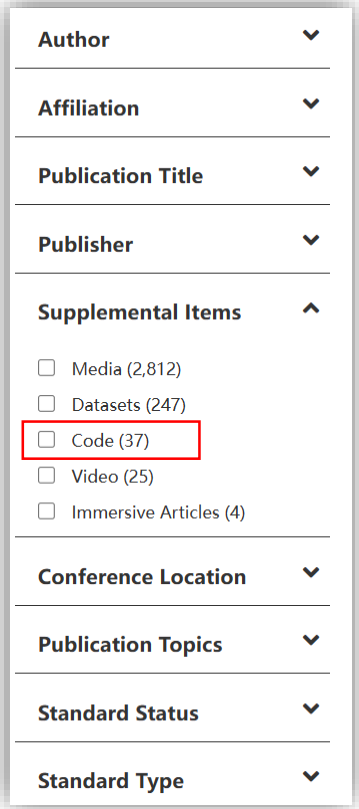


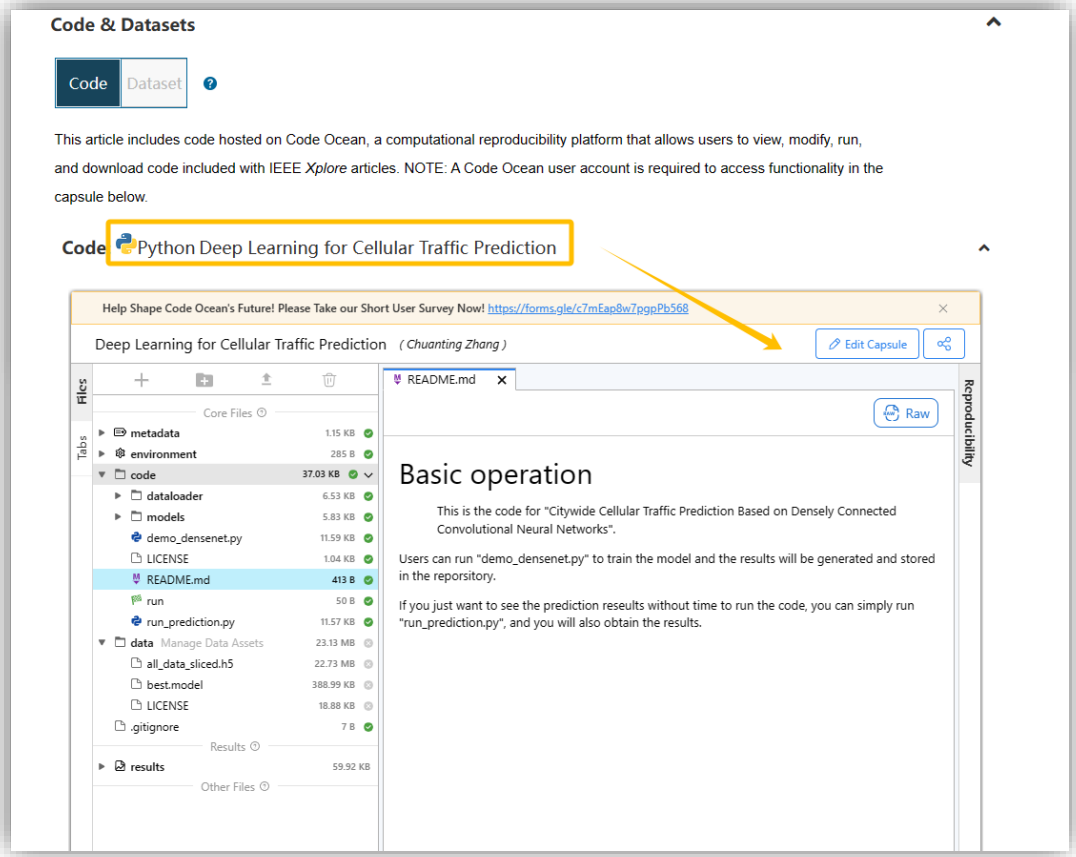






辅助材料-Code


Author
Affiliation
Publication Title
Publisher
Supplemental Items
Media (2,812)
Datasets (247)
Code (37)
Video (25)
Immersive Articles (4)
Conference Location
Publication Topics
Standard Status
Standard Type


Code & Datasets
Code
Dataset
This article includes code hosted on Code Ocean, a computational reproducibility platform that allows users to view, modify, run, and download code included with IEEE Xplore articles. NOTE: A Code Ocean user account is required to access functionality in the capsule below.
Code
Python Deep Learning for Cellular Traffic Prediction
Help Shape Code Ocean's Future! Please Take our Short User Survey Now! https://forms.gle/c7mEap8w7pgpPb568
Deep Learning for Cellular Traffic Prediction
(Chuanting Zhang)
Edit Capsule
Files
Tabs
Core Files
metadata 1.15 KB
environment 285 B
code 37.03 KB
dataloader 6.53 KB
models 5.83 KB
demo_densenet.py 11.59 KB
LICENSE 1.04 KB
README.md 413 B
run 50 B
run_prediction.py 11.57 KB
data Manage Data Assets 23.13 MB
all_data_sliced.h5 22.73 MB
best.model 388.99 KB
LICENSE 18.88 KB
.gitignore 7 B
Results
results 59.92 KB
Other Files
README.md
Raw
Reproducibility
Basic operation
This is the code for "Citywide Cellular Traffic Prediction Based on Densely Connected Convolutional Neural Networks".
Users can run "demo_densenet.py" to train the model and the results will be generated and stored in the reporsitory.
If you just want to see the prediction reseults without time to run the code, you can simply run "run_prediction.py", and you will also obtain the results.

辅助材料-Video

- Author
- Affiliation
- Publication Title
- Publisher
- Supplemental Items
  - Media (2,812)
  - Datasets (247)
  - Code (37)
  - Video (25)
  - Immersive Articles (4)
- Conference Location
- Publication Topics
- Standard Status
- Standard Type

辅助材料-Immersive Articles

- Author
- Affiliation
- Publication Title
- Publisher
- Supplemental Items
  - Media (2,812)
  - Datasets (247)
  - Code (37)
  - Video (25)
  - Immersive Articles (4)
- Conference Location
- Publication Topics
- Standard Status
- Standard Type

Click the training images at the bottom-left corner of the figure to select training images for training the contrastive learning network. Click the check boxes to select different augmentation types. When multiple augmentation types are checked, random augmentations of the training images are automatically generated by combining multiple augmentation types. Select two augmentations as the inputs of the contrastive learning network. After passing to the shared-weights encoder network and the projection network, projection features are obtained. If the augmentations are from the same image, i.e., a positive pair, their projection features will be pulled together based on the contrastive loss. In contrast, if the augmentations are from different images, i.e., a negative pair, their projection features will be separated based on the contrastive loss.

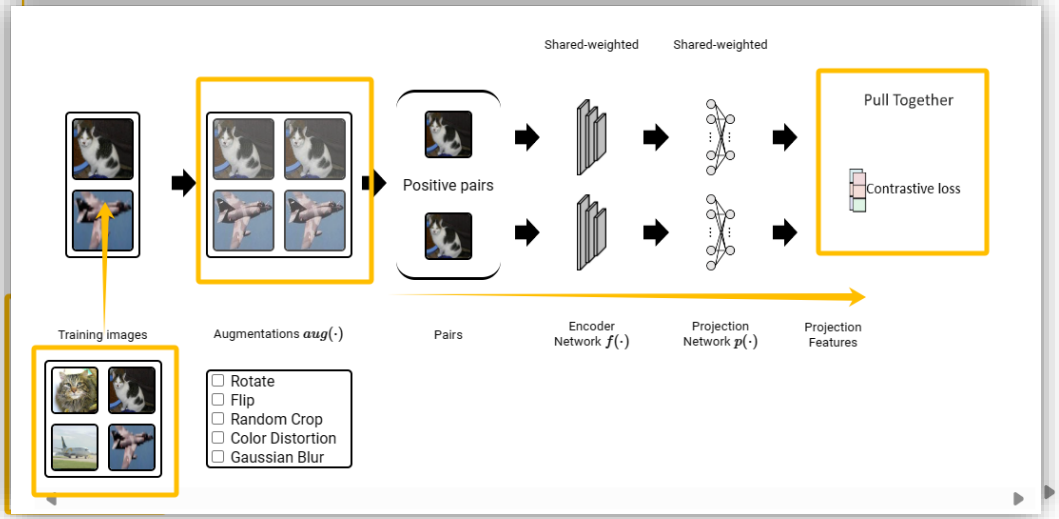
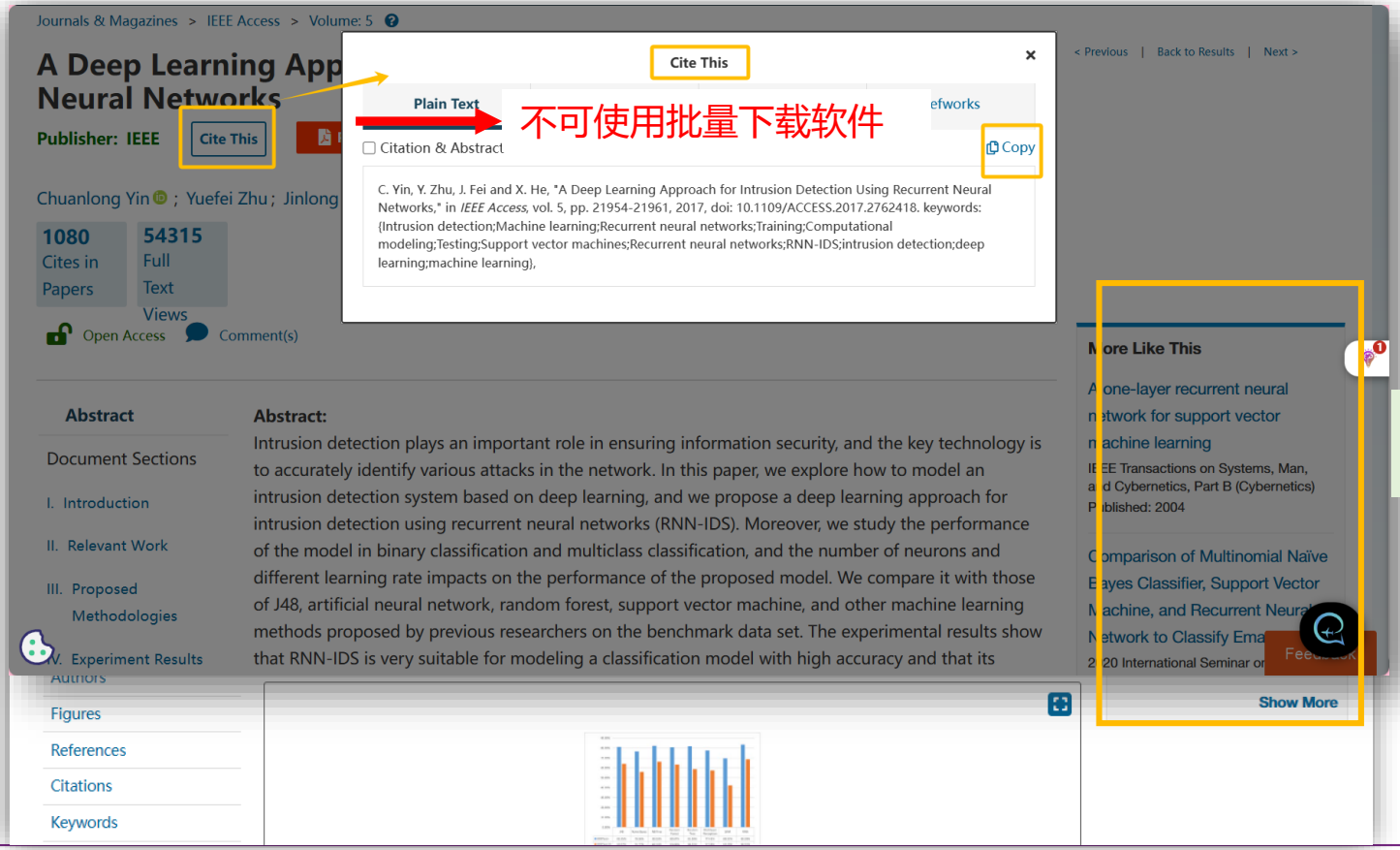


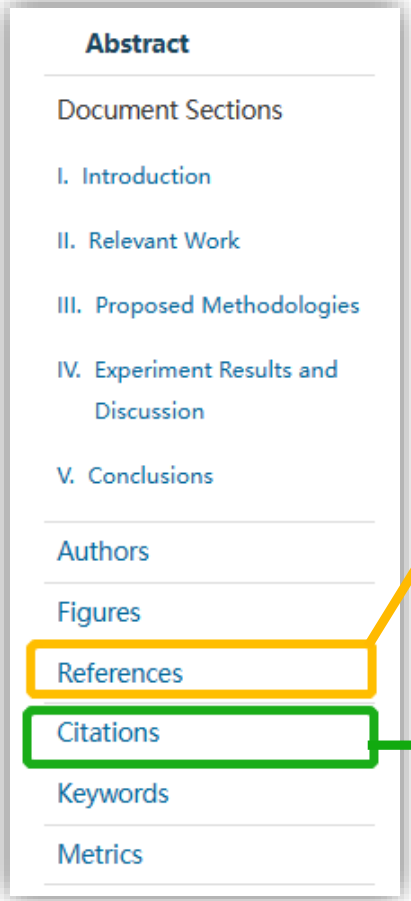
Figure 2:

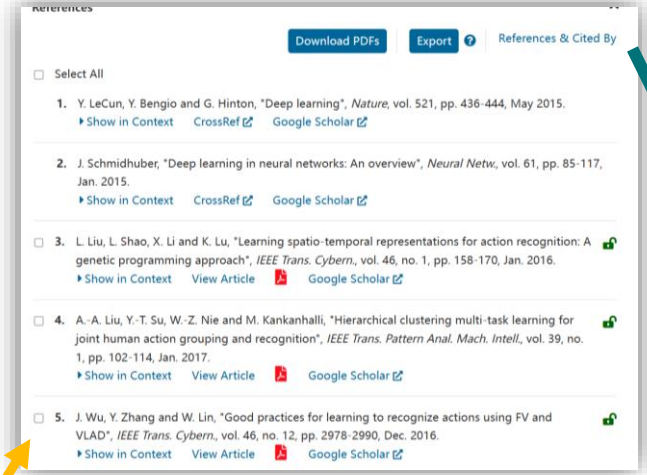
The interactive contrastive learning network to demonstrate the effects of positive pairs and negative pairs.

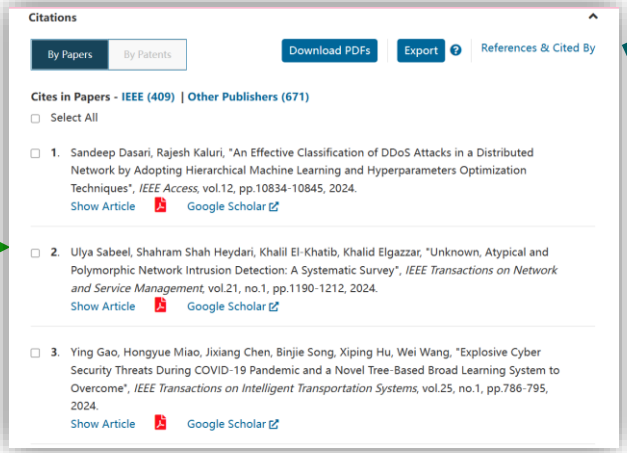
文摘页面

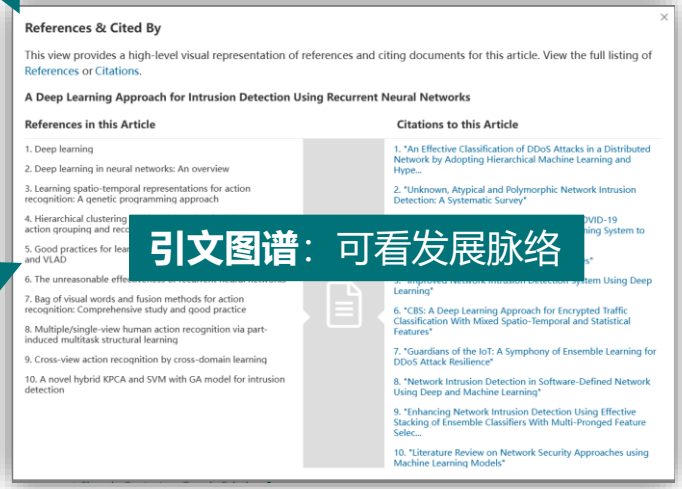


可以找到相似的文献





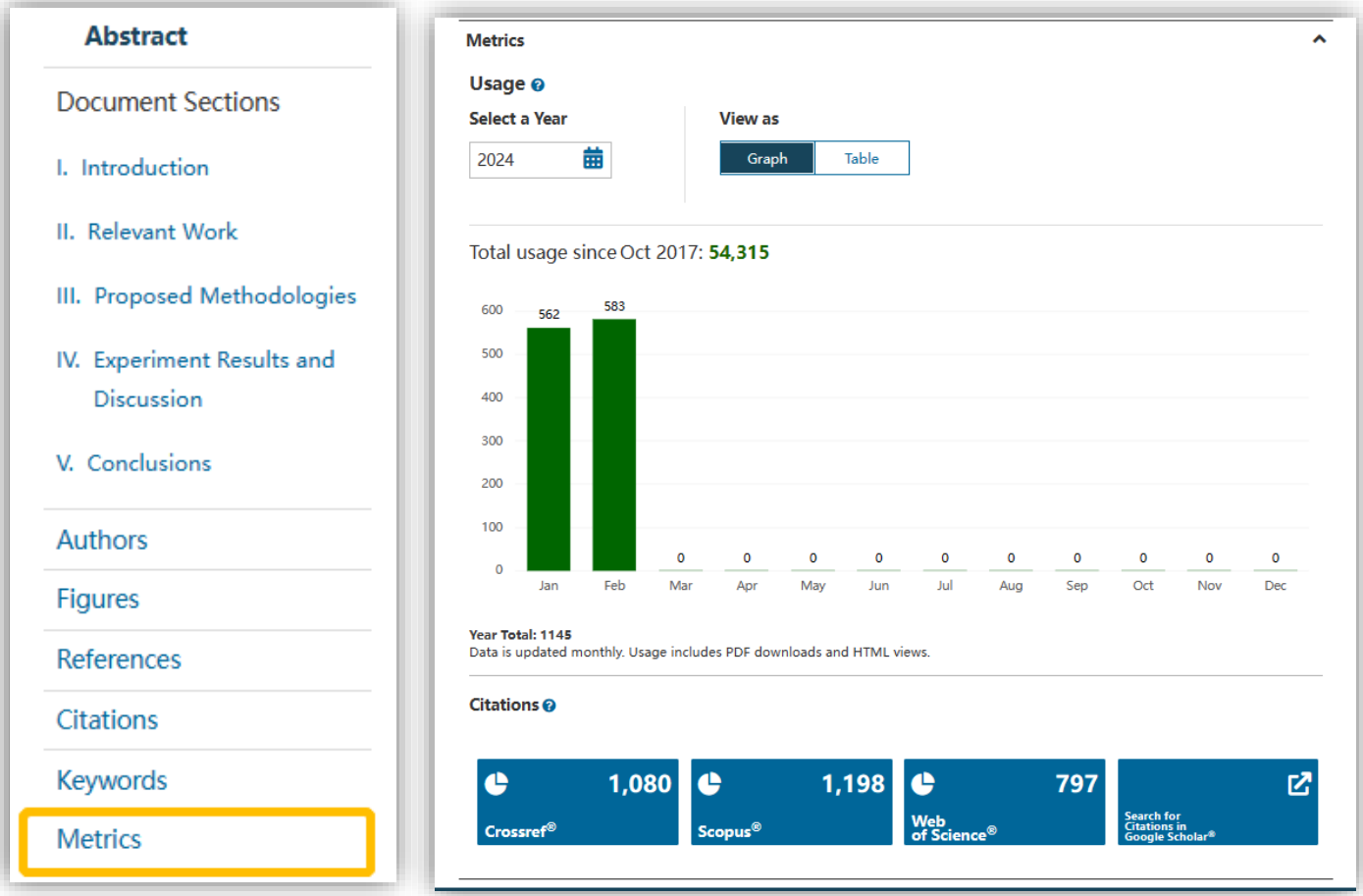




可快速获取参考文献全文，追溯经典文献；

引文图谱：可看发展脉络

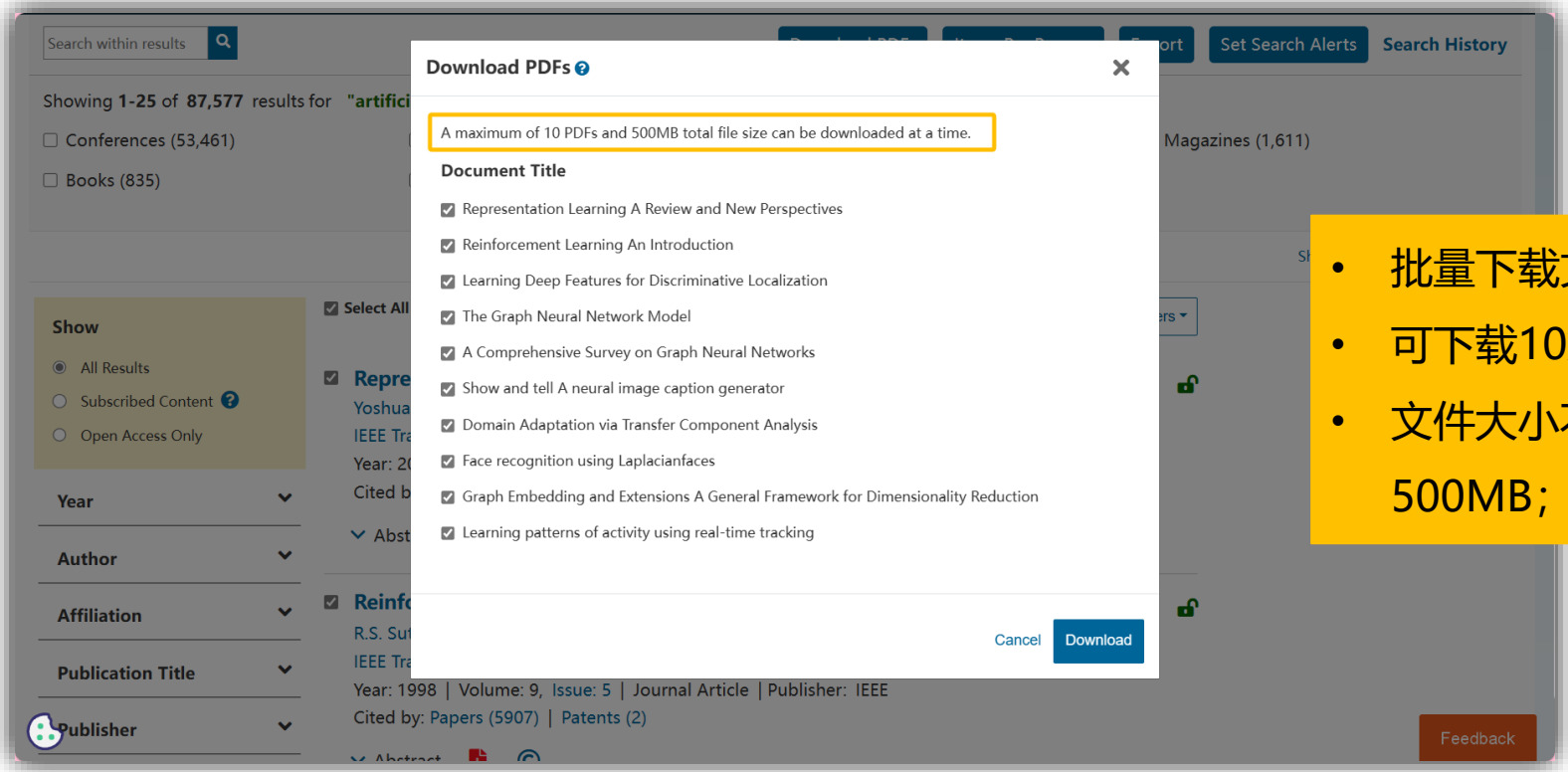
可快速获取引文文献，了解领域研究进展；



Metrics数据统计

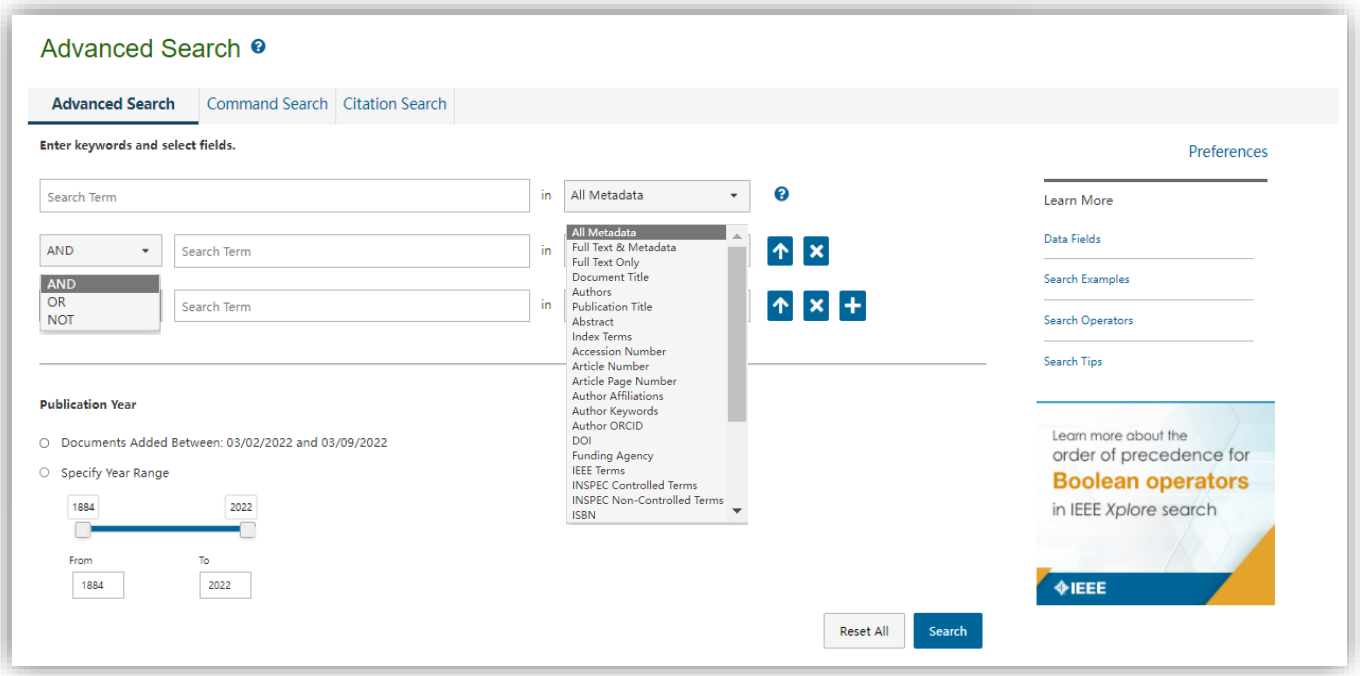
侧面了解该研究关注度/热度/重要程度

批量下载PDF全文



- 批量下载文件；
- 可下载10篇/次；
- 文件大小不超过500MB；

高级检索——了解机构发文情况



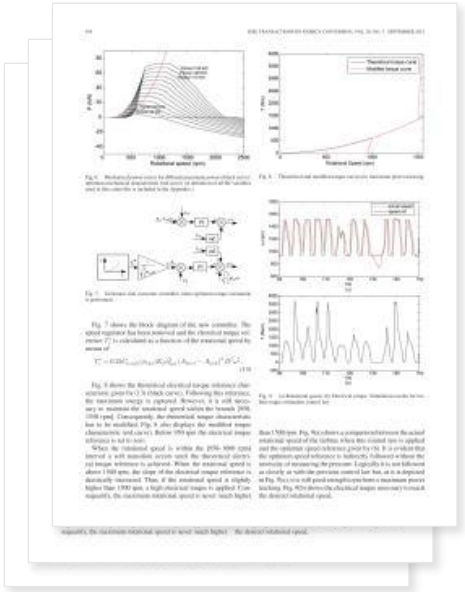
介绍IEEE科技文献英文写作
——黄金结构解析与写作范式

准备好发表论文了吗?

1. New and useful? 新的，有价值的
2. Hot topic? 热门主题
3. Contribution? 贡献
4. Supporting data? 支撑数据
5. Ruled out other interpretations? 排除其他解释
6. Discussed with co-authors? 与合作作者讨论

科技论文主体结构

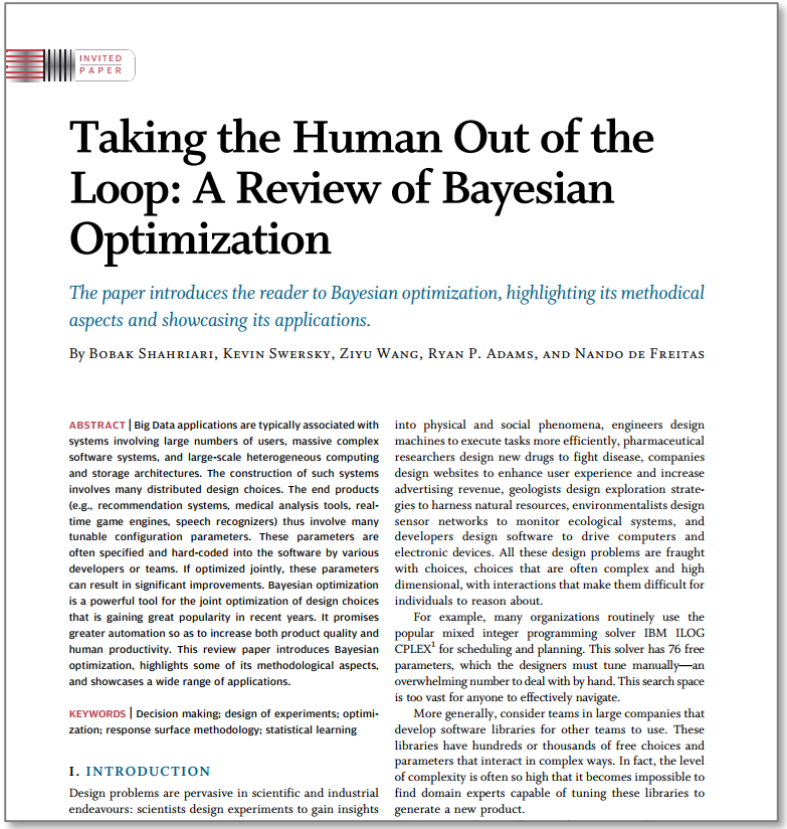
- Title 题目
- Abstract 文摘
- Keywords 关键词
- Introduction 引言
- Methodology 方法
- Results/Discussions/Findings 结果与分析
- Conclusion 总结
- References 参考文献



（1）题目

好的题目应该

- 回答读者问题 *“这篇文章与我相关吗？”*
- 抓住读者兴趣、有吸引力
- 简洁描述文章内容
  - 简洁
  - 考虑关键词对文献搜索的影响
  - 避免行业术语



INVITED PAPER

Taking the Human Out of the Loop: A Review of Bayesian Optimization

The paper introduces the reader to Bayesian optimization, highlighting its methodical aspects and showcasing its applications.

By Bobak Shahriari, Kevin Swersky, Ziyu Wang, Ryan P. Adams, and Nando de Freitas

ABSTRACT | Big Data applications are typically associated with systems involving large numbers of users, massive complex software systems, and large-scale heterogeneous computing and storage architectures. The construction of such systems involves many distributed design choices. The end products (e.g., recommendation systems, medical analysis tools, real-time game engines, speech recognizers) thus involve many tunable configuration parameters. These parameters are often specified and hard-coded into the software by various developers or teams. If optimized jointly, these parameters can result in significant improvements. Bayesian optimization is a powerful tool for the joint optimization of design choices that is gaining great popularity in recent years. It promises greater automation so as to increase both product quality and human productivity. This review paper introduces Bayesian optimization, highlights some of its methodological aspects, and showcases a wide range of applications.

KEYWORDS | Decision making; design of experiments; optimization; response surface methodology; statistical learning

I. INTRODUCTION

Design problems are pervasive in scientific and industrial endeavours: scientists design experiments to gain insights into physical and social phenomena, engineers design machines to execute tasks more efficiently, pharmaceutical researchers design new drugs to fight disease, companies design websites to enhance user experience and increase advertising revenue, geologists design exploration strategies to harness natural resources, environmentalists design sensor networks to monitor ecological systems, and developers design software to drive computers and electronic devices. All these design problems are fraught with choices, choices that are often complex and high dimensional, with interactions that make them difficult for individuals to reason about.

For example, many organizations routinely use the popular mixed integer programming solver IBM ILOG CPLEX[1] for scheduling and planning. This solver has 76 free parameters, which the designers must tune manually—an overwhelming number to deal with by hand. This search space is too vast for anyone to effectively navigate.

More generally, consider teams in large companies that develop software libraries for other teams to use. These libraries have hundreds or thousands of free choices and parameters that interact in complex ways. In fact, the level of complexity is often so high that it becomes impossible to find domain experts capable of tuning these libraries to generate a new product.

举例：

A Human Expert-based Approach to Electrical Peak Demand Management

VS

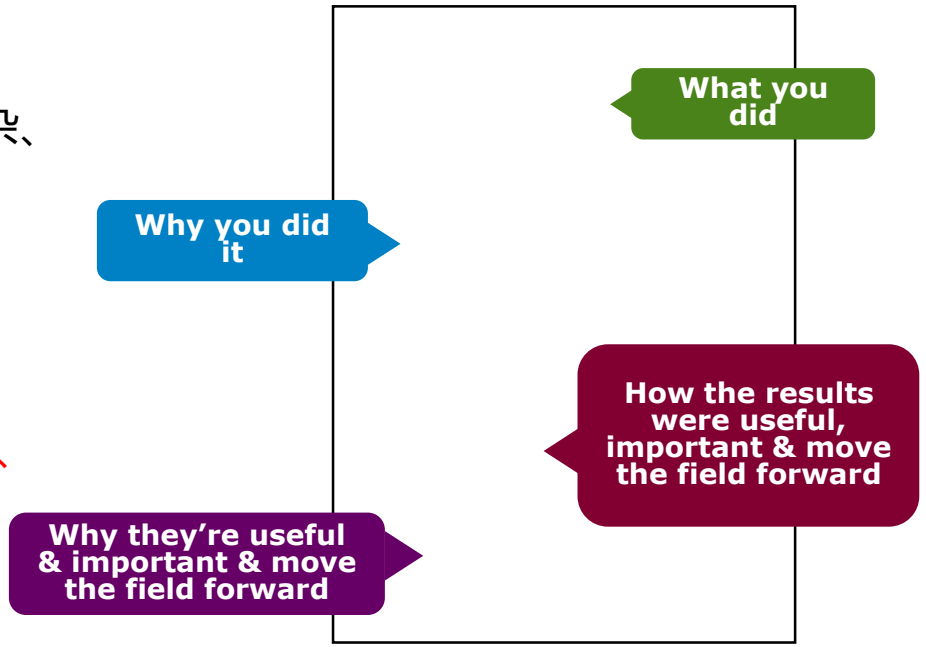
A better approach of managing environmental and energy sustainability via a study of different methods of electric load forecasting

（2）文摘

文章的浓缩版

- 不超过250字，
- （避免专业术语过多、避免公式过复杂、避免内容过于细节）
- 以过去式写作
- 使用关键词和索引词

- 研究目的、工作概述、关键技术/理论、具体结果、行业意义

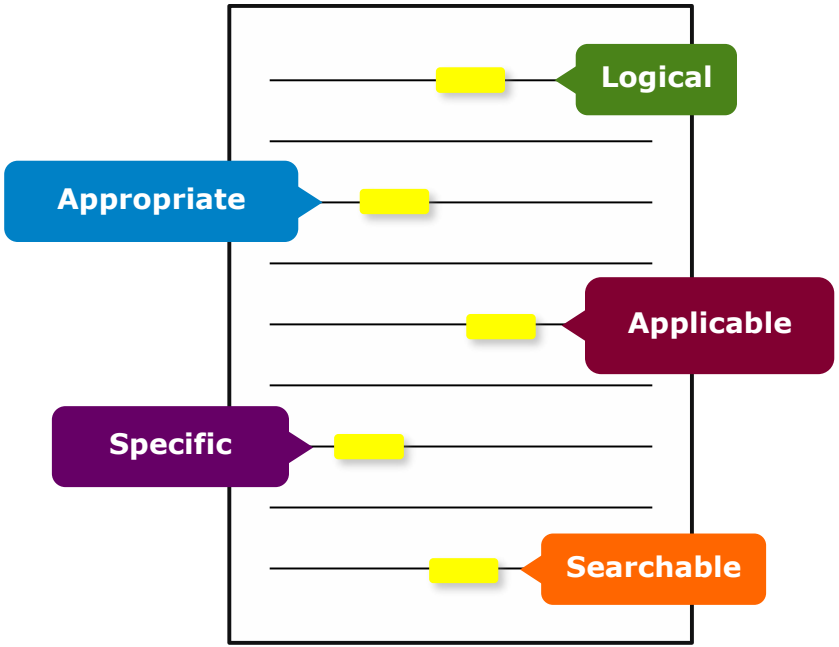


（3）关键词

用在题目和文摘中，以提升检索引擎精度

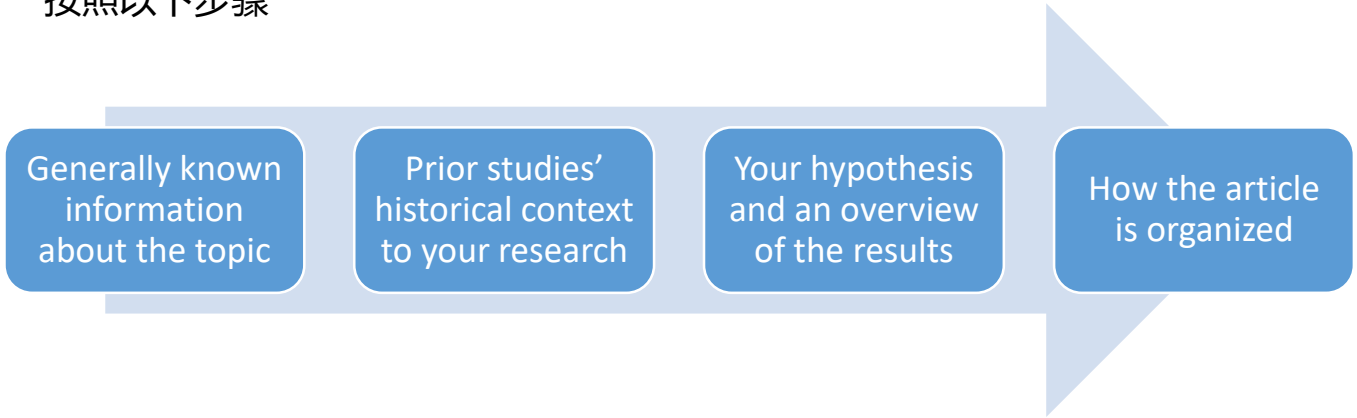
可参考IEEE叙词表

https://www.ieee.org/publications/services/thesaurus-access-page.html



(4) 引言

- 描述研究问题
- 按照以下步骤



- 引言不应该
  - 太宽泛或太模糊
  - 超过2页
- 以现在时撰写

（5）方法

- 问题构想以及解决问题，证实或否证假想的过程
- 使用图解阐释想法并支持结论
- 确保公式编写正确（使用IEEE Math Typesetting Guide for LaTeX Users 或 IEEE Math Typesetting Guide for MS Word Users）。

Tables
Present representative data or when exact values are important to show

Figures
Quickly show ideas/conclusions that would require detailed explanations

Fig. A

Graphs
Show relationships between data points or trends in data

(6) 结果/讨论

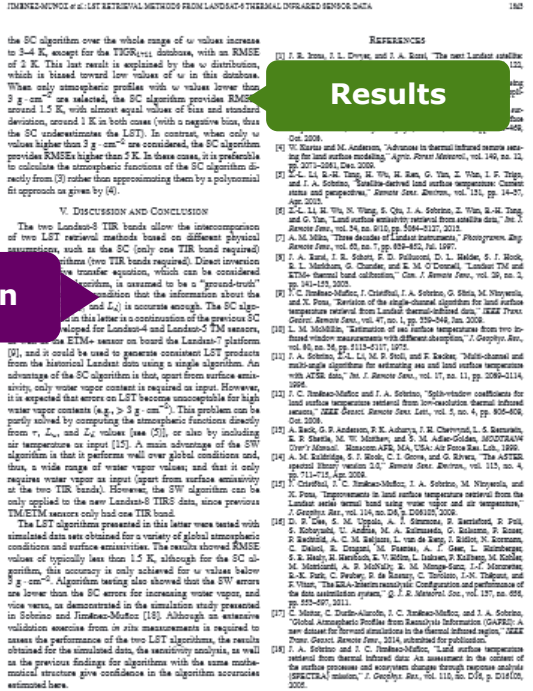
证明你解决问题或作出重大贡献

结果：总结资料

- 应该清晰简洁
- 使用表格图解配合文字解释结果，增强文章可读性

讨论：阐释结果

- 为什么研究提出了一个新方案
- 如何提升当前领域



(7) 总结

- 解释研究达到何种效果
  - 与引言所阐述的问题关联
  - 重新回顾每个部分关键点
  - 包括重要发现、重要结论和推论的总结
- 提供以下优缺点
  - 展示的解决方案
  - 你的研究和方法
- 建议未来研究方向

SECTION IX.
CONCLUDING REMARKS

In this paper, we have introduced Bayesian optimization from a modeling perspective. Beginning with the beta-Bernoulli and linear models, and extending them to nonparametric models, we recover a wide range of approaches to Bayesian optimization that have been introduced in the literature. There has been a great deal of work that has focused heavily on designing acquisition functions; however, we have taken the perspective that the importance of this plays a secondary role to the choice of the underlying surrogate model.

In addition to outlining different modeling choices, we have considered many of the design decisions that are used to build Bayesian optimization systems. We further highlighted relevant theory as well as practical considerations that are used when applying these techniques to real-world problems. We provided a history of Bayesian optimization and related fields and surveyed some of the many successful applications of these methods. We finally discussed extensions of the basic framework to new problem domains, which often require new kinds of surrogate models.

Although the underpinnings of Bayesian optimization are quite old, the field itself is undergoing a resurgence, aided by new problems, models, theory, and software implementations. In this paper, we have attempted to summarize the current state of Bayesian optimization methods; however, it is clear that the field itself has only scratched the surface and that there will surely be many new problems, discoveries, and insights in the future.

（8）致谢

- 研究资助者
- 数据收集、图形创建或语言润色等协助
- 投稿前提供回馈意见的同行

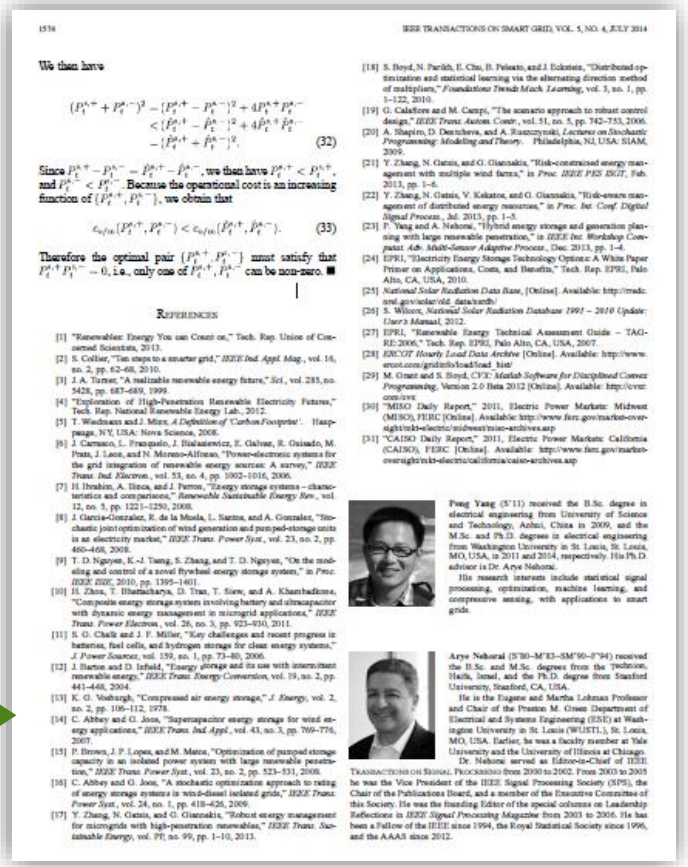
ACKNOWLEDGMENT

The authors would like to thank K. McGill from VA Palo Alto Health Care System and Monica Rojas from Universitat Politècnica de Catalunya for helping to perform the experimental data collection and reviewing a draft of this paper.

(9) 参考文献

- 支持和证实你研究所证实、否证或解决的假想
- 参考文献数量无明确限制
  - 但是只应列出与研究直接相关的文章
- 确保作者署名

- 里程碑文献
- 前沿研究成果
- 关键高水平期刊论文
- 系统性综述文献



1536 IEEE TRANSACTIONS ON SMART GRID, VOL. 5, NO. 4, JULY 2014

We then have

$$(P_t^{h+}+P_t^{e-})^2-(P_t^{h+}-P_t^{e-})^2+4P_t^{h+}P_t^{e-} < (\hat{P}_t^{h+}-\hat{P}_t^{e-})^2+4\hat{P}_t^{h+}\hat{P}_t^{e-} = (\hat{P}_t^{h+}+\hat{P}_t^{e-})^2. \quad (32)$$

Since $P_t^{h+}-P_t^{h-}=\hat{P}_t^{e+}-\hat{P}_t^{e-}$, we then have $P_t^{e+}<P_t^{h+}$, and $P_t^{e-}<P_t^{h-}$. Because the operational cost is an increasing function of $\{P_t^{e+},P_t^{e-}\}$, we obtain that

$$c_{op/m}(P_t^{e+},P_t^{e-})<c_{op/m}(\hat{P}_t^{e+},\hat{P}_t^{e-}). \quad (33)$$

Therefore the optimal pair $\{P_t^{e+},P_t^{e-}\}$ must satisfy that $P_t^{e+}P_t^{e-}=0$, i.e., only one of P_t^{e+}, P_t^{e-} can be non-zero. ■

REFERENCES

[1] "Renewables: Energy You can Count on," Tech. Rep. Union of Concerned Scientists, 2013.
[2] S. Collier, "Ten steps to a smarter grid," *IEEE Ind. Appl. Mag.*, vol. 16, no. 2, pp. 62–68, 2010.
[3] J. A. Turner, "A realizable renewable energy future," *Sci.*, vol. 285, no. 5428, pp. 687–689, 1999.
[4] "Exploration of High-Penetration Renewable Electricity Futures," Tech. Rep. National Renewable Energy Lab., 2012.
[5] T. Wiedmann and J. Minx, *A Definition of 'Carbon Footprint'*. Hauppauge, NY, USA: Nova Science, 2008.
[6] J. Carrasco, L. Franquelo, J. Bialasiewicz, E. Galvan, R. Guisado, M. Prats, J. Leon, and N. Moreno-Alfonso, "Power-electronic systems for the grid integration of renewable energy sources: A survey," *IEEE Trans. Ind. Electron.*, vol. 53, no. 4, pp. 1002–1016, 2006.
[7] H. Ibrahim, A. Ilinca, and J. Perron, "Energy storage systems – characteristics and comparisons," *Renewable Sustainable Energy Rev.*, vol. 12, no. 5, pp. 1221–1250, 2008.
[8] J. Garcia-Gonzalez, R. de la Muela, L. Santos, and A. Gonzalez, "Stochastic joint optimization of wind generation and pumped-storage units in an electricity market," *IEEE Trans. Power Syst.*, vol. 23, no. 2, pp. 460–468, 2008.
[9] T. D. Nguyen, K.-J. Tseng, S. Zhang, and T. D. Nguyen, "On the modeling and control of a novel flywheel energy storage system," in *Proc. IEEE ISIE*, 2010, pp. 1395–1401.
[10] H. Zhou, T. Bhattacharya, D. Tran, T. Siew, and A. Khambadkone, "Composite energy storage system involving battery and ultracapacitor with dynamic energy management in microgrid applications," *IEEE Trans. Power Electron.*, vol. 26, no. 3, pp. 923–930, 2011.
[11] S. G. Chalk and J. F. Miller, "Key challenges and recent progress in batteries, fuel cells, and hydrogen storage for clean energy systems," *J. Power Sources*, vol. 159, no. 1, pp. 73–80, 2006.
[12] J. Barton and D. Infield, "Energy storage and its use with intermittent renewable energy," *IEEE Trans. Energy Conversion*, vol. 19, no. 2, pp. 441–448, 2004.
[13] K. O. Yoshargh, "Compressed air energy storage," *J. Energy*, vol. 2, no. 2, pp. 106–112, 1978.
[14] C. Abbey and G. Joos, "Supercapacitor energy storage for wind energy applications," *IEEE Trans. Ind. Appl.*, vol. 43, no. 3, pp. 769–776, 2007.
[15] P. Brown, J. P. Lopes, and M. Matos, "Optimization of pumped storage capacity in an isolated power system with large renewable penetration," *IEEE Trans. Power Syst.*, vol. 23, no. 2, pp. 523–531, 2008.
[16] C. Abbey and G. Joos, "A stochastic optimization approach to rating of energy storage systems in wind-diesel isolated grids," *IEEE Trans. Power Syst.*, vol. 24, no. 1, pp. 418–426, 2009.
[17] Y. Zhang, N. Gatsis, and G. Giannakis, "Robust energy management for microgrids with high-penetration renewables," *IEEE Trans. Sustainable Energy*, vol. PP, no. 99, pp. 1–10, 2013.
[18] S. Boyd, N. Parikh, E. Chu, B. Peleato, and J. Eckstein, "Distributed optimization and statistical learning via the alternating direction method of multipliers," *Foundations Trends Mach. Learning*, vol. 3, no. 1, pp. 1–122, 2010.
[19] G. Calafiore and M. Campi, "The scenario approach to robust control design," *IEEE Trans. Autom. Contr.*, vol. 51, no. 5, pp. 742–753, 2006.
[20] A. Shapiro, D. Dentcheva, and A. Ruszczynski, *Lectures on Stochastic Programming: Modeling and Theory*. Philadelphia, NJ, USA: SIAM, 2009.
[21] Y. Zhang, N. Gatsis, and G. Giannakis, "Risk-constrained energy management with multiple wind farms," in *Proc. IEEE PES ISGT*, Feb. 2013, pp. 1–6.
[22] Y. Zhang, N. Gatsis, V. Kekatos, and G. Giannakis, "Risk-aware management of distributed energy resources," in *Proc. Int. Conf. Digital Signal Process.*, Jul. 2013, pp. 1–5.
[23] P. Yang and A. Nehorai, "Hybrid energy storage and generation planning with large renewable penetration," in *IEEE Int. Workshop Comput. Adv. Multi-Sensor Adaptive Process.*, Dec. 2013, pp. 1–4.
[24] EPRI, "Electricity Energy Storage Technology Options: A White Paper Primer on Applications, Costs, and Benefits," Tech. Rep. EPRI, Palo Alto, CA, USA, 2010.
[25] *National Solar Radiation Data Base*, [Online]. Available: http://rredc.nrel.gov/solar/old_data/nsrdb/
[26] S. Wilcox, *National Solar Radiation Database 1991 – 2010 Update: User's Manual*, 2012.
[27] EPRI, "Renewable Energy Technical Assessment Guide – TAGRE:2006," Tech. Rep. EPRI, Palo Alto, CA, USA, 2007.
[28] *ERCOT Hourly Load Data Archive* [Online]. Available: http://www.ercot.com/gridinfo/load/load_hist/
[29] M. Grant and S. Boyd, *CVX: Matlab Software for Disciplined Convex Programming*, Version 2.0 Beta 2012 [Online]. Available: http://cvxr.com/cvx
[30] "MISO Daily Report," 2011, Electric Power Markets: Midwest (MISO), FERC [Online]. Available: http://www.ferc.gov/market-oversight/mkt-electric/midwest/misc-archives.asp
[31] "CAISO Daily Report," 2011, Electric Power Markets: California (CAISO), FERC [Online]. Available: http://www.ferc.gov/market-oversight/mkt-electric/california/caiso-archives.asp

Peng Yang (S'11) received the B.Sc. degree in electrical engineering from University of Science and Technology, Anhui, China in 2009, and the M.Sc. and Ph.D. degrees in electrical engineering from Washington University in St. Louis, St. Louis, MO, USA, in 2011 and 2014, respectively. His Ph.D. advisor is Dr. Arye Nehorai.

His research interests include statistical signal processing, optimization, machine learning, and compressive sensing, with applications to smart grids.

Arye Nehorai (S'80–M'83–SM'90–F'94) received the B.Sc. and M.Sc. degrees from the Technion, Haifa, Israel, and the Ph.D. degree from Stanford University, Stanford, CA, USA.

He is the Eugene and Martha Lohman Professor and Chair of the Preston M. Green Department of Electrical and Systems Engineering (ESE) at Washington University in St. Louis (WUSTL), St. Louis, MO, USA. Earlier, he was a faculty member at Yale University and the University of Illinois at Chicago.

Dr. Nehorai served as Editor-in-Chief of IEEE TRANSACTIONS ON SIGNAL PROCESSING from 2000 to 2002. From 2003 to 2005 he was the Vice President of the IEEE Signal Processing Society (SPS), the Chair of the Publications Board, and a member of the Executive Committee of this Society. He was the founding Editor of the special columns on Leadership Reflections in *IEEE Signal Processing Magazine* from 2003 to 2006. He has been a Fellow of the IEEE since 1994, the Royal Statistical Society since 1996, and the AAAS since 2012.

Properly cited material

注意：投稿信

- 帮助您给期刊编辑留下良好的第一印象（会议用文章对投稿信不作要求）。
- 说明您的文章如何符合该期刊的发稿范围，而减轻编辑的工作量。
- 论述您的文章如何解决一个重要的新问题，及其如何推进对该领域的研究。
- 确认您的稿件属于原创且并未投给其他任何出版物。
- 流览期刊网站，确保您知道现任编辑的姓名并在投稿信问候语中使用该姓名。

注意：投稿信内容

- 您投稿的期刊名称，因为编辑部可能负责编排多本期刊
- 您文章的标题
- 每位供稿作者的姓名及目前的就职单位
- 通联作者的完整联系方式
- 对特别要求的说明，如特写或不寻常的篇幅

总结：写作需清晰简洁，有逻辑性

- 目标：清晰简洁地沟通
- 有逻辑地组织材料
- 保持语言尽可能简单，并尽量避免使用行话
- 考虑英语编辑服务
  - Fee-based assistance for editing, translation or formatting services
  - Does not guarantee acceptance in an IEEE publication
  - IEEE authors are eligible for a 10% discount at American Journal Experts and a 30% discount at Enago

作者中心与作者工具

https://ieeeauthorcenter.ieee.org/

请您投稿之前请详细阅读以下步骤

- 使用文章编写模板（https://ieeeauthor.wpengine.com/create-your-ieee-article/use-authoring-tools-and-ieee-article-templates/ieee-article-templates/ ）。
- 请流览各期刊主页了解特殊要求。会议文章的规定因会议组织者而异。IEEE 提供有多种会议组织者模板。但是，您应浏览会议网站了解特定的指示。
- 使用IEEE Reference Preparation Assistant（http://refassist.ieee.org/）检索您的参考文献列表是否符合IEEE出版物要求
- 如果英语不是您的母语，您可以考虑第三方英语编辑服务（ https://journals.ieeeauthorcenter.ieee.org/create-your-ieee-journal-article/create-the-text-of-your-article/refining-the-use-of-english-in-your-article/ ）

请您投稿之前请详细阅读以下步骤

- 按照要求创建您的图表（https://ieeeauthor.wpengine.com/create-your-ieee-article/create-graphics-for-your-article/ ），并使用IEEE Graphics Analyzer (http://graphicsqc.ieee.org/) 检查您的图像图表是否符合IEEE出版物要求
- 如果需要，请按照要求准备辅助材料supplementary materials，例如图像文摘 graphical abstract,视频档 video, 多媒体文件multimedia或者源代码或数据集Code/Data
- 每位IEEE期刊作者都需要申请一个ORCID号码 Open Researcher and Contributor ID (ORCID)
- 确保您的文章符合IEEE出版道德准则 authorship, citation, data reporting, originality of research
- 使用IEEE LaTeX Analyzer(http://latexqc.ieee.org/)检查您的LaTeX文檔是否符合IEEE出版物要求
- 使用 IEEE PDF Checker （http://www.ieee.org/publications_standards/publications/authors/pdf_checker.html ） 检查您的文档是否能在IEEE *Xplore*® Digital Library 里正确显示

解析精准选刊的策略与投稿的全部流程

——选刊决策引擎

选择合适的出版物——IEEE出版渠道

- 会议文章：可以是正在进行没有完成的研究
  - 可展示初期成果或强调最近工作
  - 获得非正式反馈用于后续研究
- 期刊文章：是研究工作和最终结果的完整展示
  - 展示原创研究结果
  - 做出清晰推论，并辅以数据支持
- 会议论文通常短于期刊论文，细节和参考文献也少些

200+
Journals, Transactions, Magazines

2,000+
Conferences

IEEE

筛选与研究领域最相关的出版物

Search within results

Download PD

Search History

Showing **1-25** of **282,114** for **artificial intelligence** ×

- Conferences (221,709)
- Journals (53,034)
- Magazines (4,348)
- Books (1,049)
- Standards (59)
- Courses (14)

Publications You May Be Interested In: (Beta)

- IEEE Transactions on Artificial Intelligence — Journal
- International Conference of Artificial Intelligence and Information Technology — Conference
- International Conferen… Artificial Intelligence… Education (ICAIE…

Show

- All Results
- Subscribed Content
- Open Access Only

Year

Select All on Page

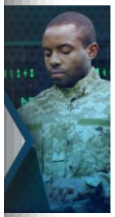
Extension of media literacy from the perspective of artificial intelligence and impleme… artificial intelligence courses in junior high schools
HAOYU WANG; YONG LIU; ZIFENG HAN; JIANZHANG WU
2020 International Conference on Artificial Intelligence and Education (ICAIE)
Year: 2020 | Conference Paper | Publisher: IEEE

Abstract HTML

Publication Title

Enter Title

- IEEE Access (18,295)
- IEEE Transactions on Pattern Analysis and Machine Intelligence (2,308)
- IEEE Transactions on Image Processing (2,188)
- 2011 2nd International Conference on Artificial Intelligence, Management Science and Electronic Commerce (AIMSEC) (1,874)
- IEEE Transactions on Neural Networks (1,626)
- IEEE Transactions on Neural Networks and Learning Systems (1,528)
- IEEE Transactions on Cybernetics (1,058)
- IEEE Transactions on Systems, Man, and Cybernetics, Part B (Cybernetics) (954)
- IEEE Transactions on Knowledge and Data Engineering (928)
- 2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) (926)
- 2020 25th International Conference on Pattern Recognition (ICPR) (921)



IEEE

有意向期刊投稿-学术期刊/技术杂志

Journals, Transactions, and Letters are the primary means for publishing technical papers concerning original work in IEEE fields of interest.

IEEE Internet of Things Journal

IEEE Transactions on Services Computing

IEEE Transactions on Cloud Computing

IEEE Computer Architecture Letters

有意向期刊投稿-学术期刊/技术杂志

Magazines are characterized by regular and continuing issues with significant technical content in addition to general news and regular columns.

IEEE Computational Intelligence Magazine

IEEE Communications Magazine

IEEE Pervasive Computing

IEEE Aerospace and Electronic Systems Magazine

IEEE 期刊影响因子

IEEE publishes:

19 of the top 25 journals in **Electrical and Electronic Engineering** （电气电子工程领域）

8 of the top 10 journals in **Telecommunications** （电信领域）

3 of the top 5 journals in **Automation & Control Systems** （自动化控制领域）

3 of the top 5 journals in **Computer Science, Cybernetics**（计算机科学，控制论领域）

3 of the top 5 journals in **Computer Science, Hardware & Architecture** （计算机科学，硬件结构领域）

2 of the top 5 journals in **Computer Science, Information Systems** （计算机科学，信息系统领域）

3 of the top 10 journals in **Computer Science, Artificial Intelligence**（计算机科学，人工智能领域）

3 of the top 10 journals in **Computer Science, Software Engineering** （计算机科学，软件工程领域）

IEEE

电气电子工程领域

Rank	Title
2	PROCEEDINGS OF THE IEEE
3	IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE
4	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS
7	IEEE Transactions on Intelligent Vehicles
8	IEEE TRANSACTIONS ON IMAGE PROCESSING
8	IEEE Journal of Selected Topics in Signal Processing
11	IEEE TRANSACTIONS ON FUZZY SYSTEMS
13	IEEE WIRELESS COMMUNICATIONS
14	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS FOR VIDEO TECHNOLOGY
15	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS
16	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS
17	IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING
18	IEEE Transactions on Sustainable Energy
19	IEEE Transactions on Smart Grid
19	IEEE TRANSACTIONS ON MEDICAL IMAGING
21	IEEE SIGNAL PROCESSING MAGAZINE
23	IEEE Internet of Things Journal
23	IEEE Transactions on Neural Networks and Learning Systems
25	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING

电信领域

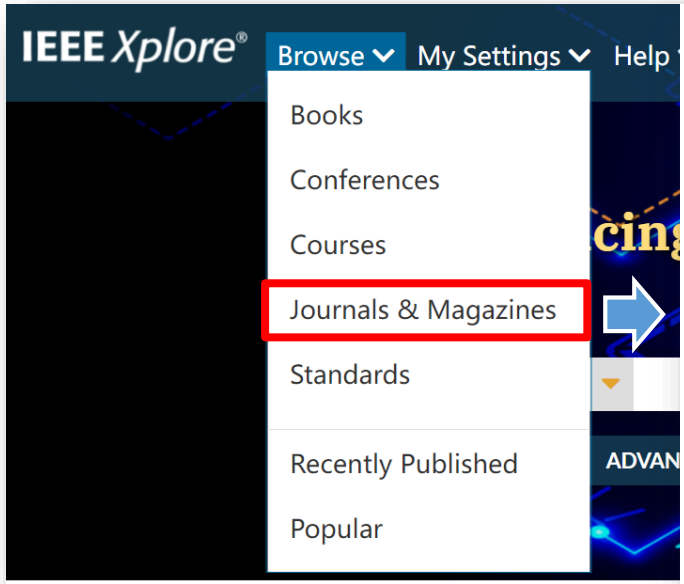
Rank	Title
1	IEEE Communications Surveys and Tutorials
2	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS
3	IEEE WIRELESS COMMUNICATIONS
4	IEEE TRANSACTIONS ON CONSUMER ELECTRONICS
5	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS
7	IEEE TRANSACTIONS ON MULTIMEDIA
9	IEEE TRANSACTIONS ON MOBILE COMPUTING
10	IEEE Internet of Things Journal

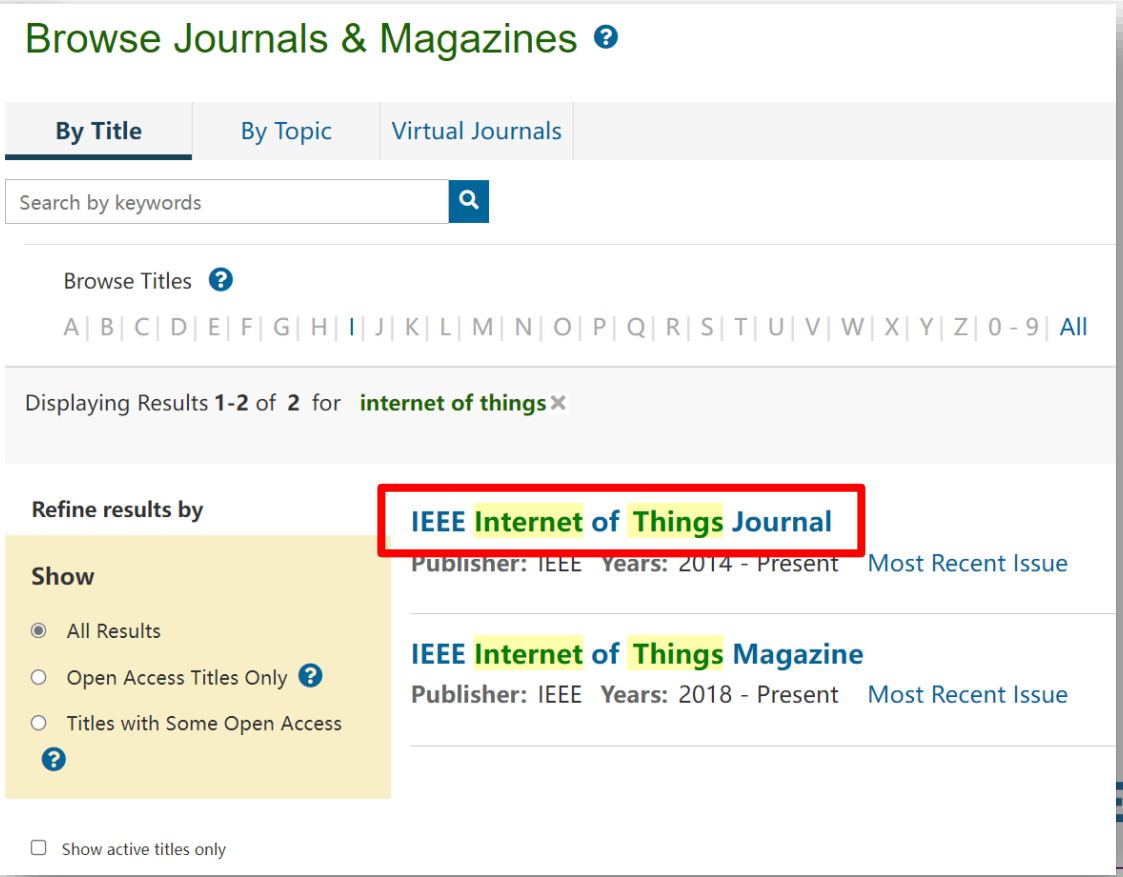
进一步了解期刊

- 一旦确定了4-5本目标期刊，下一步是研究“Aims and Scope” 以了解到底该刊倾向于何种类型的文章
  - 主编
  - 编委成员

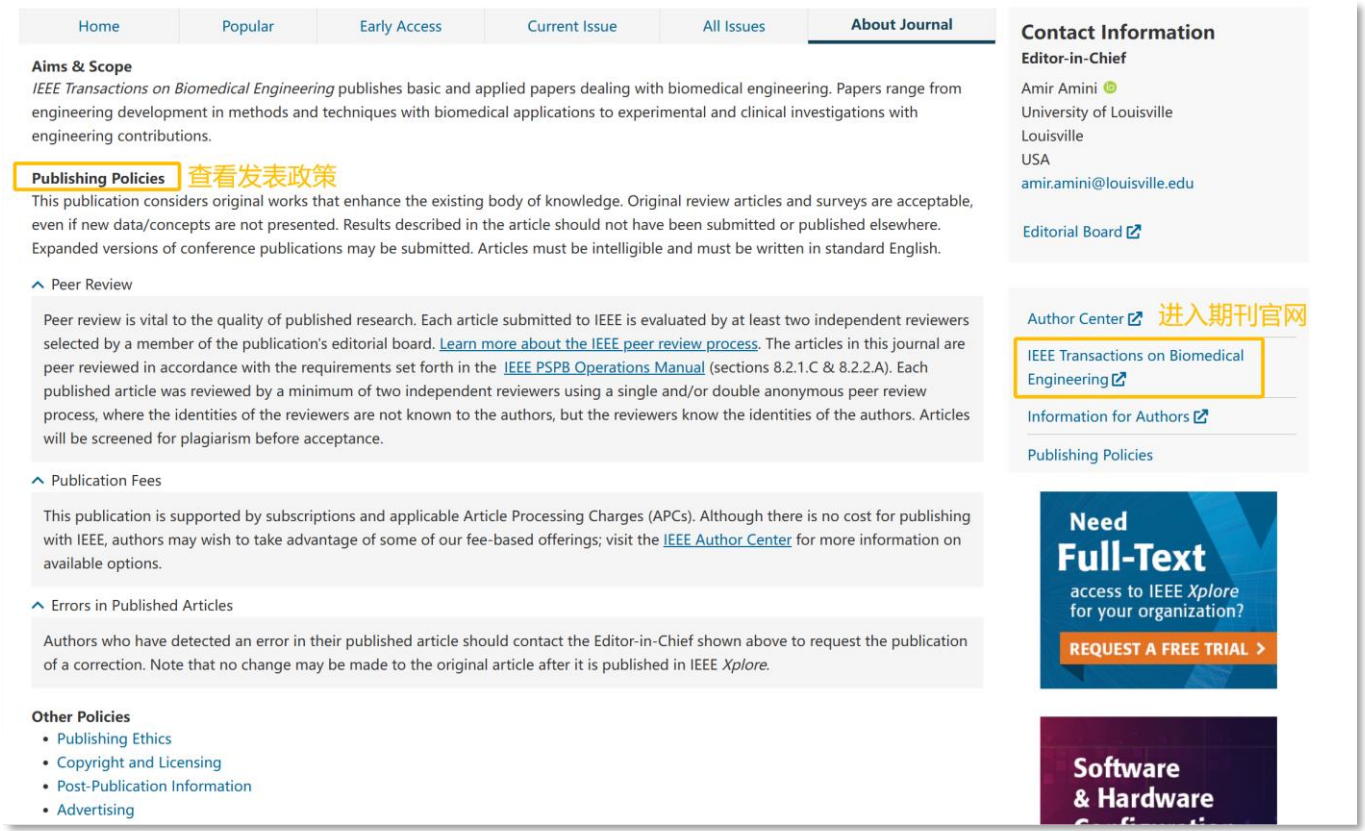
- 阅读部分期刊收录的文章，判断该期刊的读者群是否吻合

在 IEEE Xplore 寻找合适的期刊





IEEE期刊信息&投稿



Home | Popular | Early Access | Current Issue | All Issues | About Journal

Aims & Scope

IEEE Transactions on Biomedical Engineering publishes basic and applied papers dealing with biomedical engineering. Papers range from engineering development in methods and techniques with biomedical applications to experimental and clinical investigations with engineering contributions.

Publishing Policies 查看发表政策

This publication considers original works that enhance the existing body of knowledge. Original review articles and surveys are acceptable, even if new data/concepts are not presented. Results described in the article should not have been submitted or published elsewhere. Expanded versions of conference publications may be submitted. Articles must be intelligible and must be written in standard English.

Peer Review

Peer review is vital to the quality of published research. Each article submitted to IEEE is evaluated by at least two independent reviewers selected by a member of the publication's editorial board. Learn more about the IEEE peer review process. The articles in this journal are peer reviewed in accordance with the requirements set forth in the IEEE PSPB Operations Manual (sections 8.2.1.C & 8.2.2.A). Each published article was reviewed by a minimum of two independent reviewers using a single and/or double anonymous peer review process, where the identities of the reviewers are not known to the authors, but the reviewers know the identities of the authors. Articles will be screened for plagiarism before acceptance.

Publication Fees

This publication is supported by subscriptions and applicable Article Processing Charges (APCs). Although there is no cost for publishing with IEEE, authors may wish to take advantage of some of our fee-based offerings; visit the IEEE Author Center for more information on available options.

Errors in Published Articles

Authors who have detected an error in their published article should contact the Editor-in-Chief shown above to request the publication of a correction. Note that no change may be made to the original article after it is published in IEEE *Xplore*.

Other Policies

- Publishing Ethics
- Copyright and Licensing
- Post-Publication Information
- Advertising

Contact Information

Editor-in-Chief

Amir Amini
University of Louisville
Louisville
USA
amir.amini@louisville.edu

Editorial Board

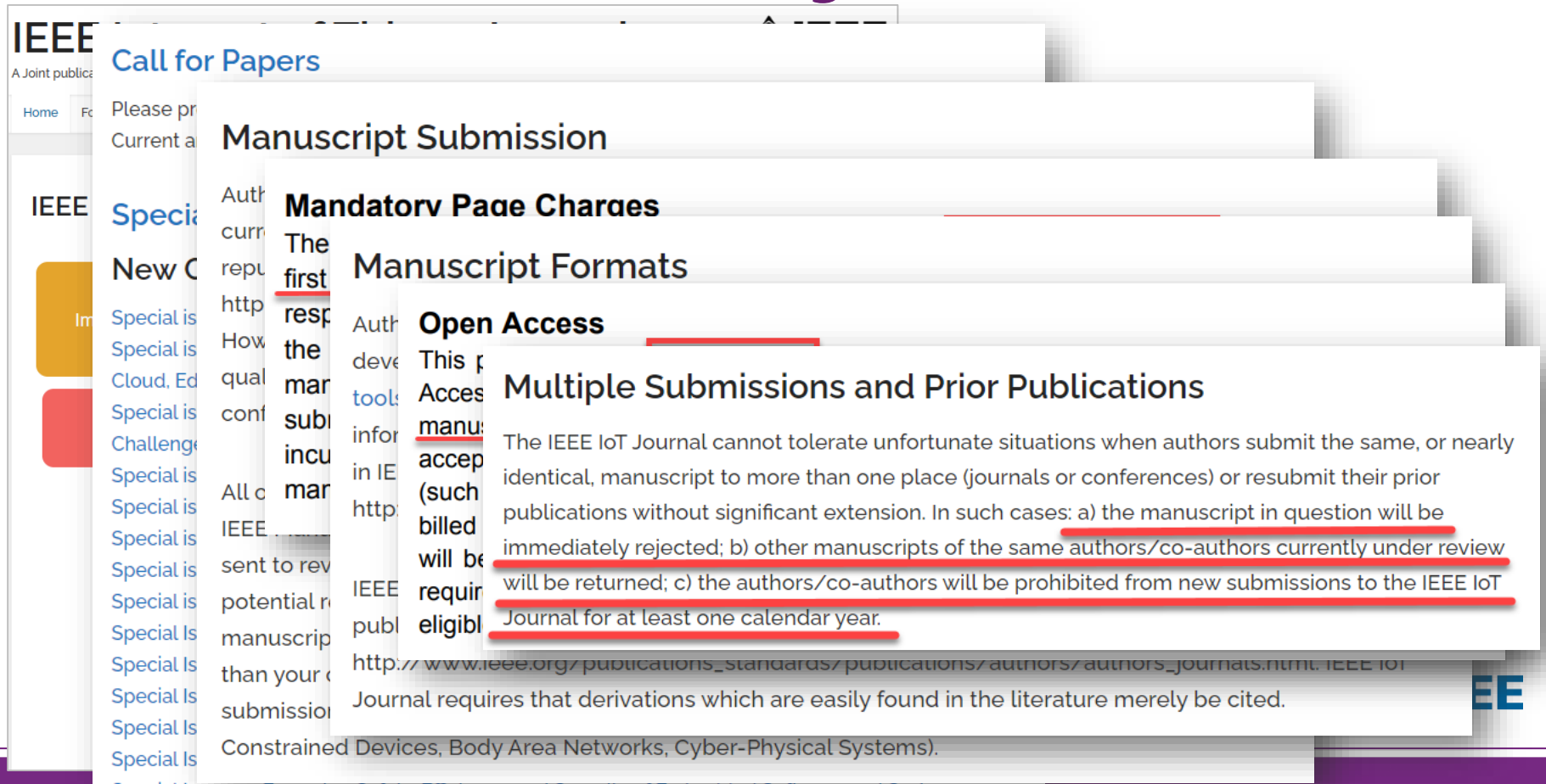
Author Center 进入期刊官网

IEEE Transactions on Biomedical Engineering

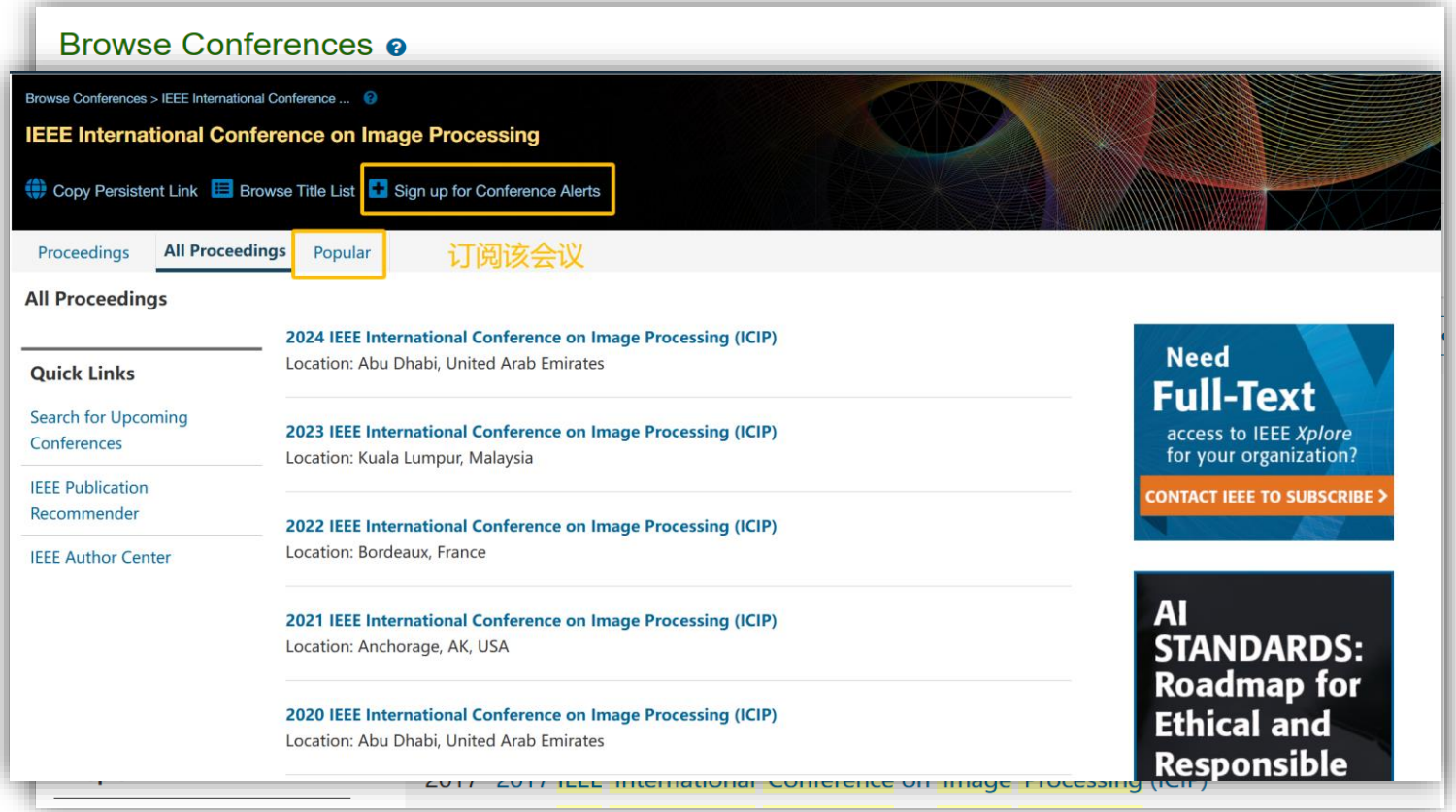
Information for Authors

Publishing Policies

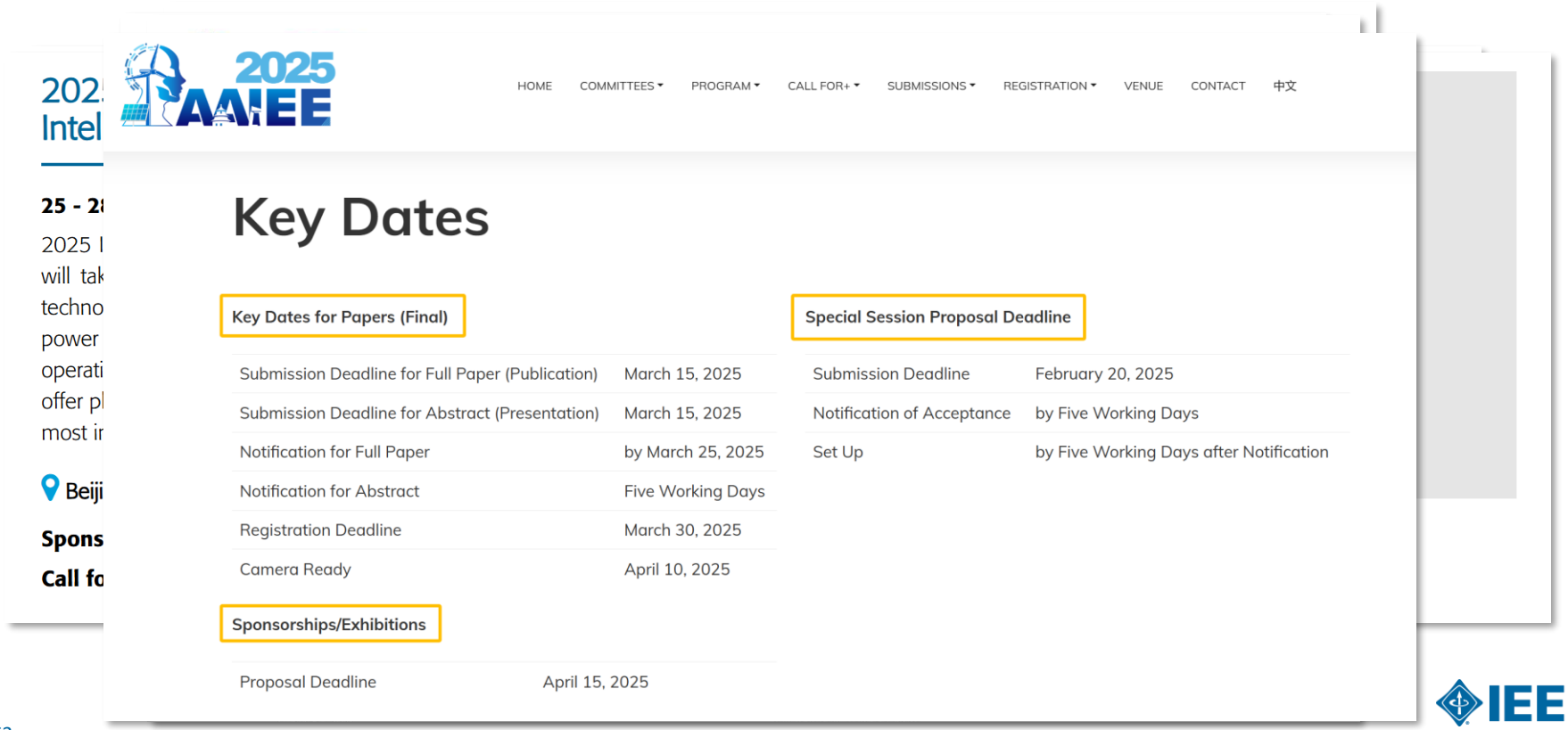
举例: IEEE Internet of Things Journal



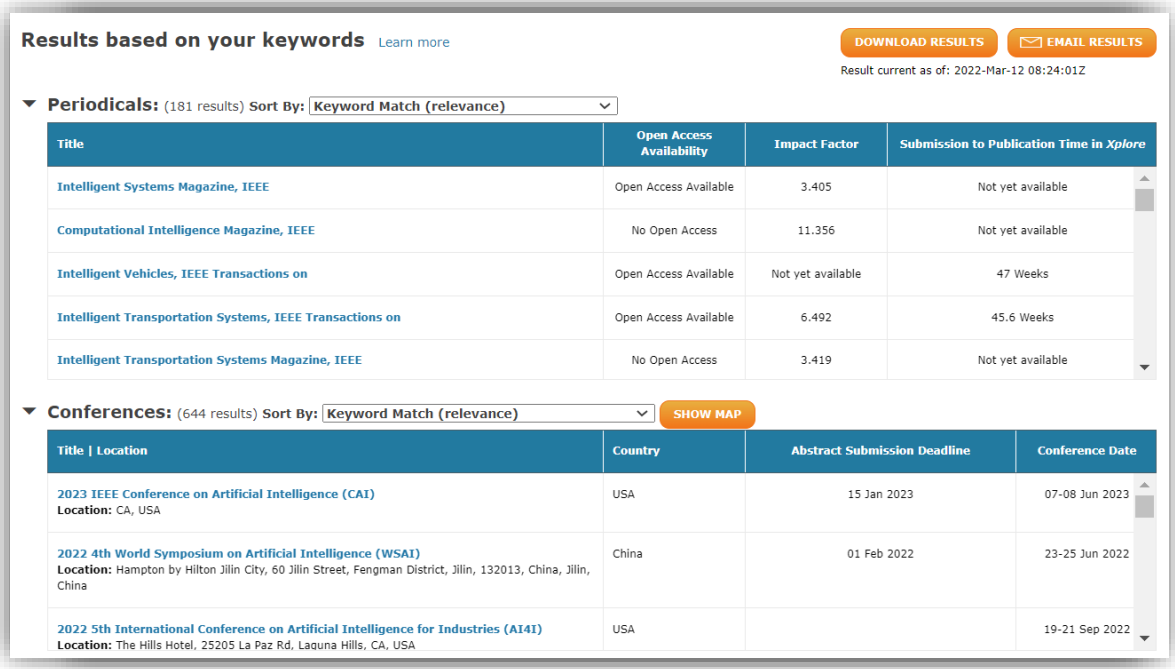
浏览IEEE会议录


Browse Conferences
Browse Conferences > IEEE International Conference ...
IEEE International Conference on Image Processing
Copy Persistent Link
Browse Title List
Sign up for Conference Alerts
Proceedings
All Proceedings
Popular
订阅该会议
All Proceedings
Quick Links
Search for Upcoming Conferences
IEEE Publication Recommender
IEEE Author Center
2024 IEEE International Conference on Image Processing (ICIP)
Location: Abu Dhabi, United Arab Emirates
2023 IEEE International Conference on Image Processing (ICIP)
Location: Kuala Lumpur, Malaysia
2022 IEEE International Conference on Image Processing (ICIP)
Location: Bordeaux, France
2021 IEEE International Conference on Image Processing (ICIP)
Location: Anchorage, AK, USA
2020 IEEE International Conference on Image Processing (ICIP)
Location: Abu Dhabi, United Arab Emirates
Need Full-Text
access to IEEE Xplore for your organization?
CONTACT IEEE TO SUBSCRIBE
AI STANDARDS: Roadmap for Ethical and Responsible

查找即将召开的IEEE会议



IEEE *Publication Recommender*™



Results based on your keywords Learn more

DOWNLOAD RESULTS | EMAIL RESULTS

Result current as of: 2022-Mar-12 08:24:01Z

Periodicals: (181 results) **Sort By:** Keyword Match (relevance)

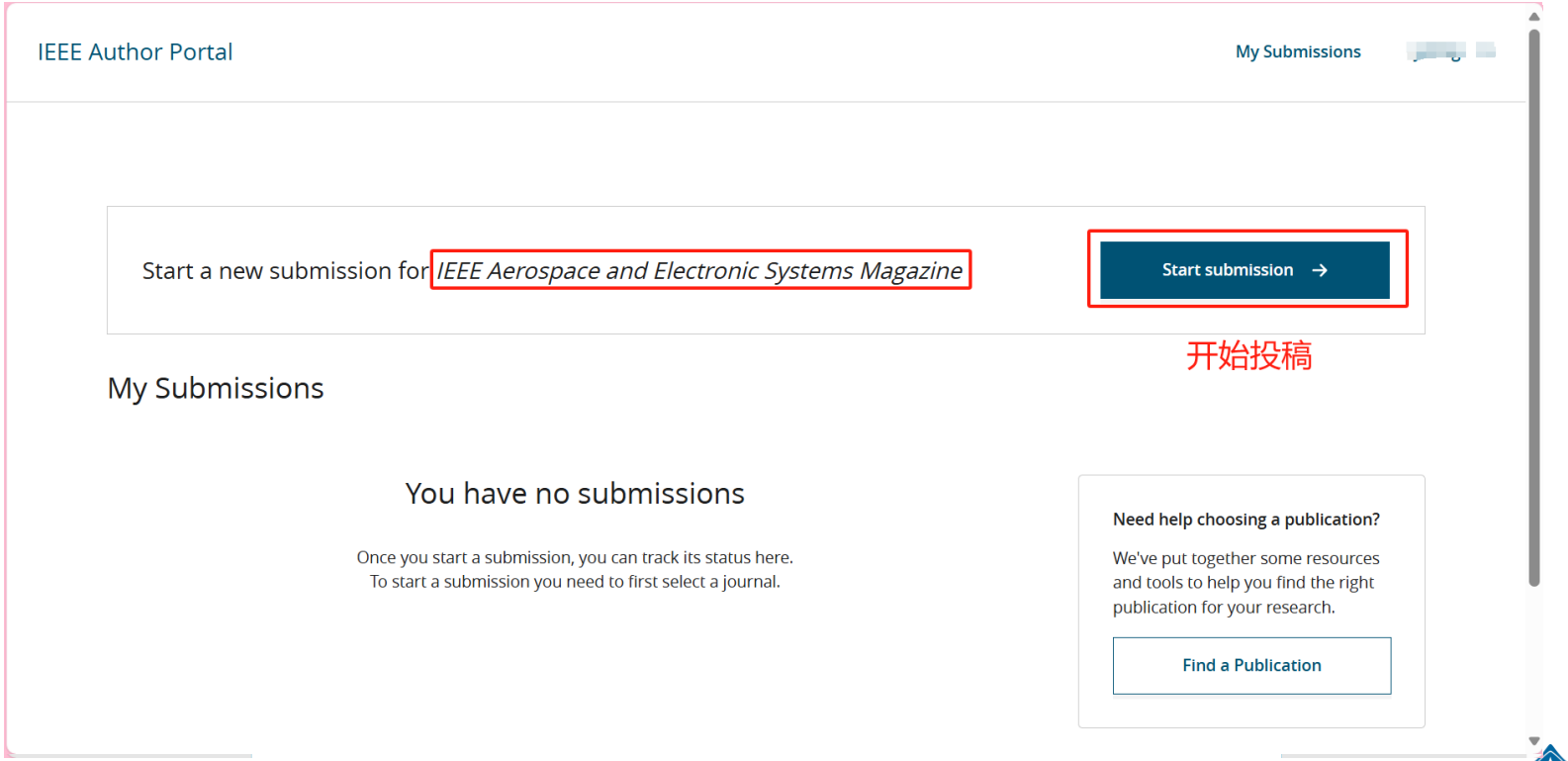
Title	Open Access Availability	Impact Factor	Submission to Publication Time in *Xplore*
Intelligent Systems Magazine, IEEE	Open Access Available	3.405	Not yet available
Computational Intelligence Magazine, IEEE	No Open Access	11.356	Not yet available
Intelligent Vehicles, IEEE Transactions on	Open Access Available	Not yet available	47 Weeks
Intelligent Transportation Systems, IEEE Transactions on	Open Access Available	6.492	45.6 Weeks
Intelligent Transportation Systems Magazine, IEEE	No Open Access	3.419	Not yet available

Conferences: (644 results) **Sort By:** Keyword Match (relevance) SHOW MAP

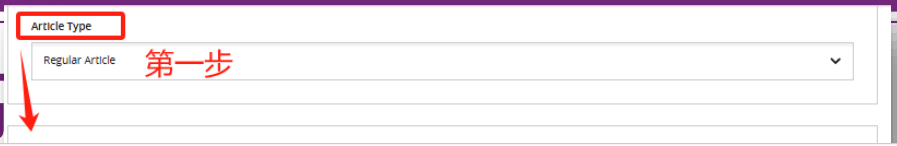
Title | Location	Country	Abstract Submission Deadline	Conference Date
2023 IEEE Conference on Artificial Intelligence (CAI) **Location:** CA, USA	USA	15 Jan 2023	07-08 Jun 2023
2022 4th World Symposium on Artificial Intelligence (WSAI) **Location:** Hampton by Hilton Jilin City, 60 Jilin Street, Fengman District, Jilin, 132013, China, Jilin, China	China	01 Feb 2022	23-25 Jun 2022
2022 5th International Conference on Artificial Intelligence for Industries (AI4I) **Location:** The Hills Hotel, 25205 La Paz Rd, Laguna Hills, CA, USA	USA		19-21 Sep 2022

http://publication-recommender.ieee.org/home

提交稿件——IEEE Author Portal



投稿



JOURNAL HOME | AUTHOR GUIDELINES | EDITORIAL CONTACT

Congratulations

成功提交

Your manuscript has been processed and submitted to the journal.

What to expect next

Your manuscript is being shared with the journal editors. You'll hear from them via email, confirming that your manuscript was received and is being reviewed. After that, you may receive emails requesting revisions, or a notification of acceptance or rejection. The length of the peer-review process varies by journal. Click here to learn more about what happens during the peer-review process.

You can go to My Submissions at any time to check the status of your manuscript.

跟进投稿——IEEE Author Portal

Action Recommended: View your submission to IEEE Aerospace and Electronic Systems Magazine ☆

发件人：IEEE Aerospace and Electronic Systems Magazine

时　间：

收件人：

纯文本 |

Dear

You are listed as a co-author of a submission to IEEE Aerospace and Electronic Systems Magazine. You can now view the submission and check the status of submissions you have authored / co-authored.

Submission Details

Submission title:
US_leadership_loss_in_microelectronics_could_seriously_impact_aerospace_applications

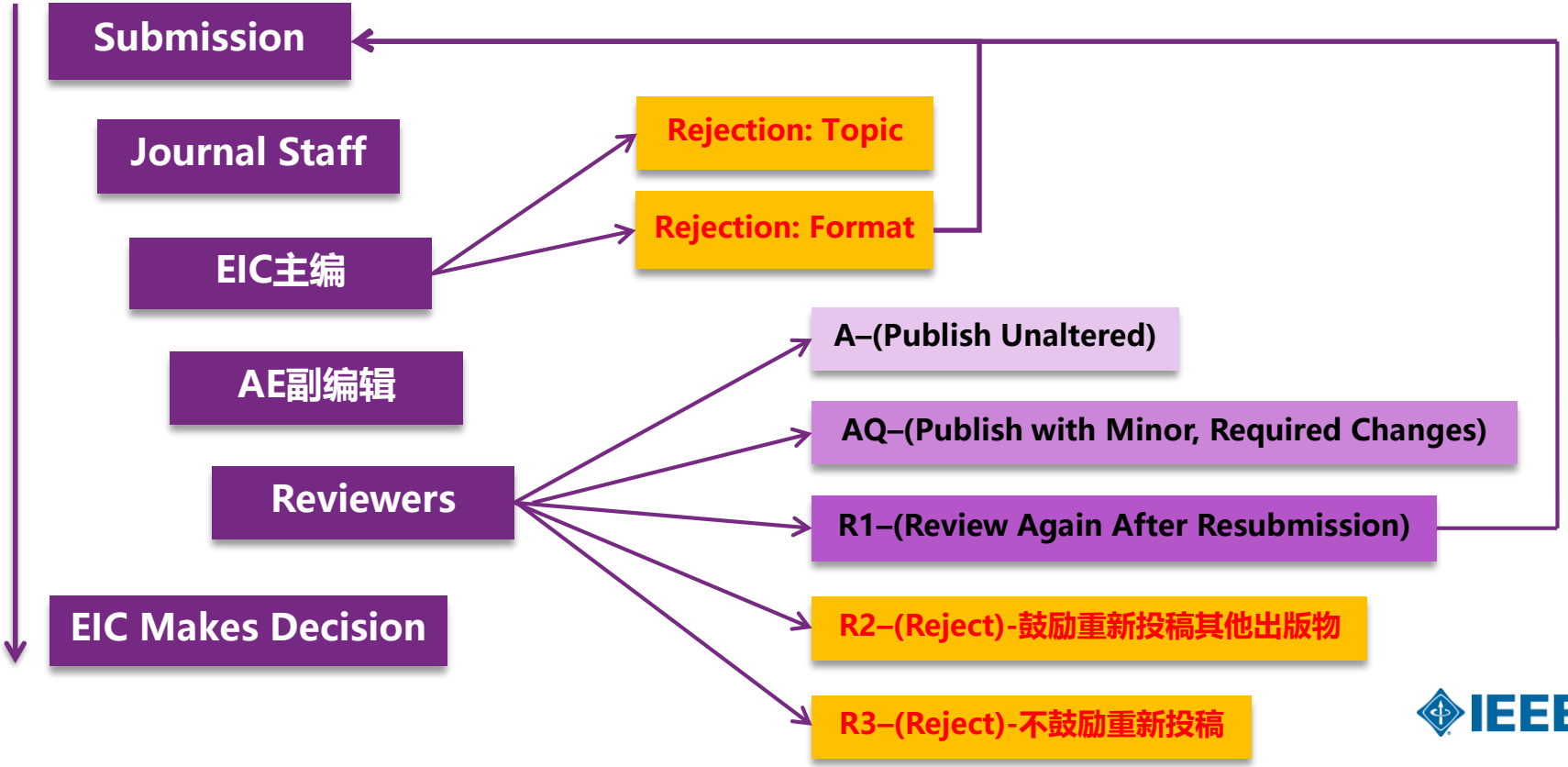
Manuscript ID:

Journal: *IEEE Aerospace and Electronic Systems Magazine*

邮件通知

The submitting author is solely responsible for communicating with the journal and managing communication between co-authors. Please contact the submitting author directly with any queries you may have related to this submission.

评审流程


Submission
Journal Staff
EIC主编
AE副编辑
Reviewers
EIC Makes Decision
Rejection: Topic
Rejection: Format
A–(Publish Unaltered)
AQ–(Publish with Minor, Required Changes)
R1–(Review Again After Resubmission)
R2–(Reject)-鼓励重新投稿其他出版物
R3–(Reject)-不鼓励重新投稿

IEEE编辑和评审人拒稿原因

- The content is not a good fit for the publication (out-of-scope). 内容不适合该期刊
- There are serious scientific flaws: 严重的科学缺陷
- Inconclusive results or incorrect interpretation 无法信服的结果或不正确的解释
  - Fraudulent research 学术造假
  - It is poorly written. 文笔差
- It does not address a big enough problem or advance the scientific field. 没有解决重大问题或提升当前科技水平
- The work was previously published (high similarity score). 研究之前已经出版过
- The quality is not good enough for the journal. 质量没有达到期刊要求
  - Examples of poor quality: high similarity score, short-length, aesthetics (poor presentation or writing), lack of mathematics and figures
- Reviewers have misunderstood the article. 评审人误解文章

IEEE 编辑和评审人在寻找什么

- Content that is appropriate, in scope and level, for the journal
- 内容符合期刊收录范围
- Clearly written original material that addresses a new and important problem
- 清晰表达原创研究，解决全新重要问题
- Valid methods and rationale　有效的方法
- Conclusions that make sense　有意义的结论
- Illustrations, tables and graphs that support the text
- 图表图像有力支持文字描述
- References that are current and relevant to the subject
- 能反映最近研究进展的相关参考文献

IEEE

IEEE 国际编程大赛

IEEE XTREME PROGRAMMING COMPETITION

同学们以小组为单位参加，团队合作，**24小时**内完成一系列程序设计的问题。

获奖团队将获得：
一次全球任何地方的IEEE国际会议旅行资助。

报名日期：**每年9月**

比赛日期：**每年10月第三个星期六**

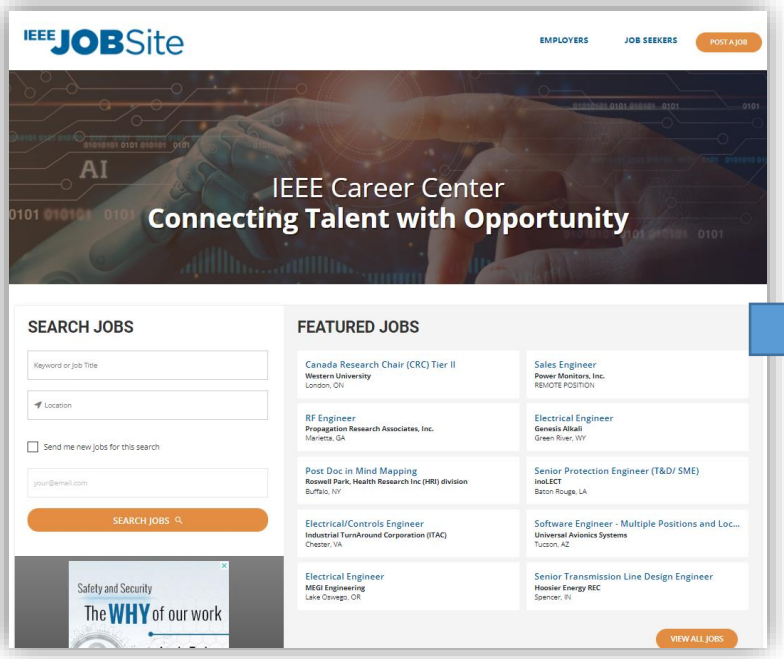
报名网站：http://www.ieee.org/xtreme

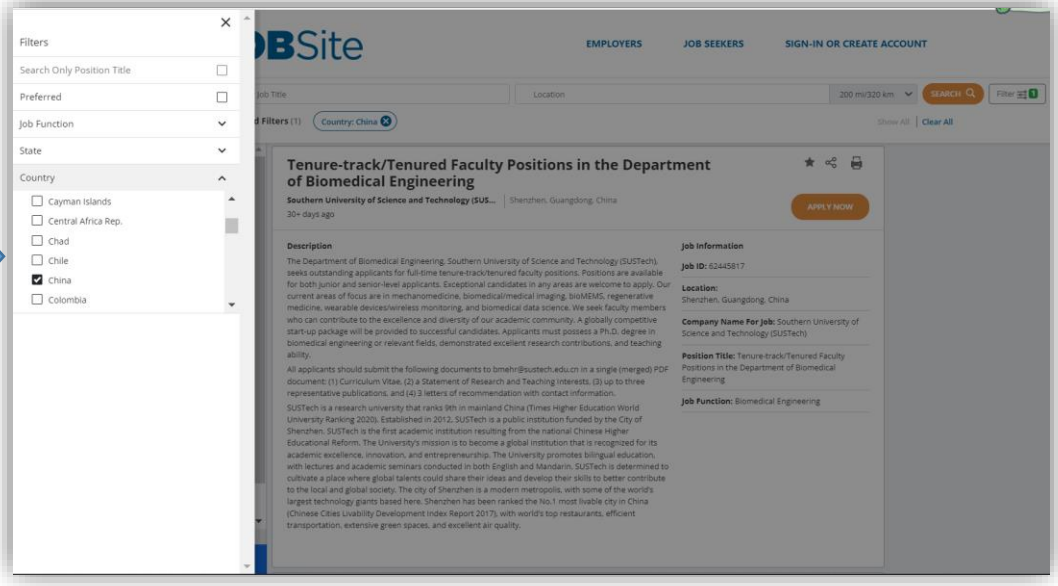




IEEE

IEEE求职网站 https://jobs.ieee.org





China IEEE

IEEE Xplore MOOC 2025秋季课程

常规课程安排
19:00-20:00

主题	时间
主题一（a）：IEEE Xplore助力高效科研，洞察全球技术趋势	9月18日
主题一（b）：巧用IEEE Xplore进阶检索技巧，精确定位目标文献	9月25日
主题二：AI加持下的IEEE资源动态	10月9日
主题三：IEEE步履不停：领航开放科学之路	10月16日
主题四：IEEE投稿攻略：攻克投稿壁垒	10月23日
主题五：IEEE科技论文发表锦囊	10月30日
主题六：善用IEEE衔接学业与职业发展	11月6日
主题七：IEEE标准简介	11月13日

IEEE Xplore® MOOC

敬请期待

在本季课程中，我们还为大家准备了特殊场次，将不定期邀请青年学者进行精彩分享，敬请期待，共同探索！

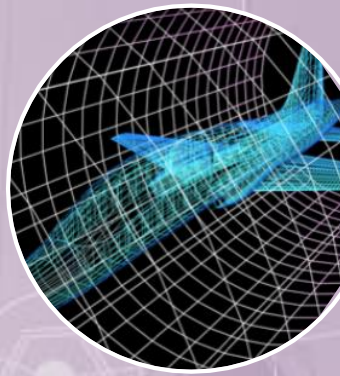
IEEE


IEEE
Advancing Technology for Humanity
China
2025 IEEE Xplore MOOC 秋季课程-青年学者专场
生物医学工程的科研破局之道
2025年10月29日
晚上19:00-20:30


石永康 深圳大学
· 分享主题：从文献查阅到科研写作经验分享
· 个人简介：深圳大学生物医学工程专业硕士研究生，专注于脑卒中的影像研究方向。通过医学影像技术，探索脑卒中发生和发展的机制，力求为早期诊断、治疗方案制定以及疾病预后评估提供科学依据。
韩悌昕 兰州大学第二医院
· 分享主题：论文投稿与期刊选择—如何借助AI工具提高效率
· 个人简介：空军军医大学生物医学工程硕士毕业生，现担任兰州大学第二医院信息中心工程师。累计发表SCI论文4篇，中文核心期刊3篇。研究方向为电磁成像与人工智能，生物信息学。
石启伟 中国中医科学院
· 分享主题：跨学科学习的个人方法与心得感悟
· 个人简介：电子信息与中医学交叉学科背景，深入参与中医望诊设备研发，参与多项中医现代化设备研究。参与国家重点研发计划项目、北京冬奥会中医药文化展厅项目、中国中医药大会“AI五禽戏”项目。研究方向：中医药智能装备。

微信公众号
IEEEXplore微服务

如有使用问题，请联系iGroup中国 IEEE数据库团队 iel@igroup.com.cn



Thanks!