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沈阳工业大学

演讲人：iGroup中国 IEEE产品培训师 陈杨

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IEEE Advancing Technology for Humanity

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- 多种方法助力高效检索科研文献
- IEEE投稿攻略，攻克投稿壁垒
- 善用IEEE衔接学业与职业发展

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电气电子工程师学会

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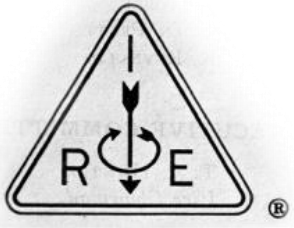

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Institute of Radio
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IEEE
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电气电子工程师学会

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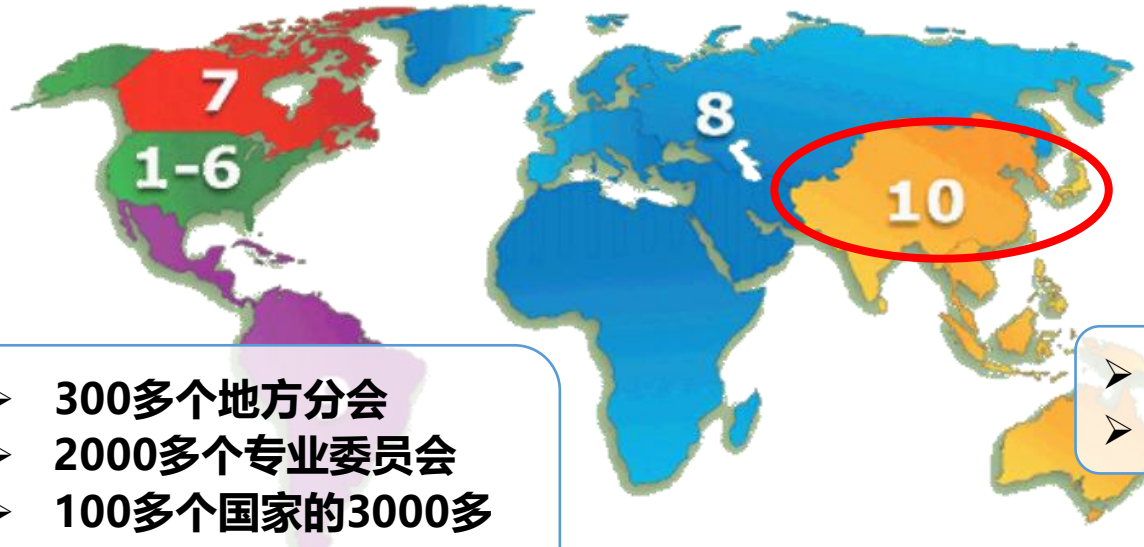

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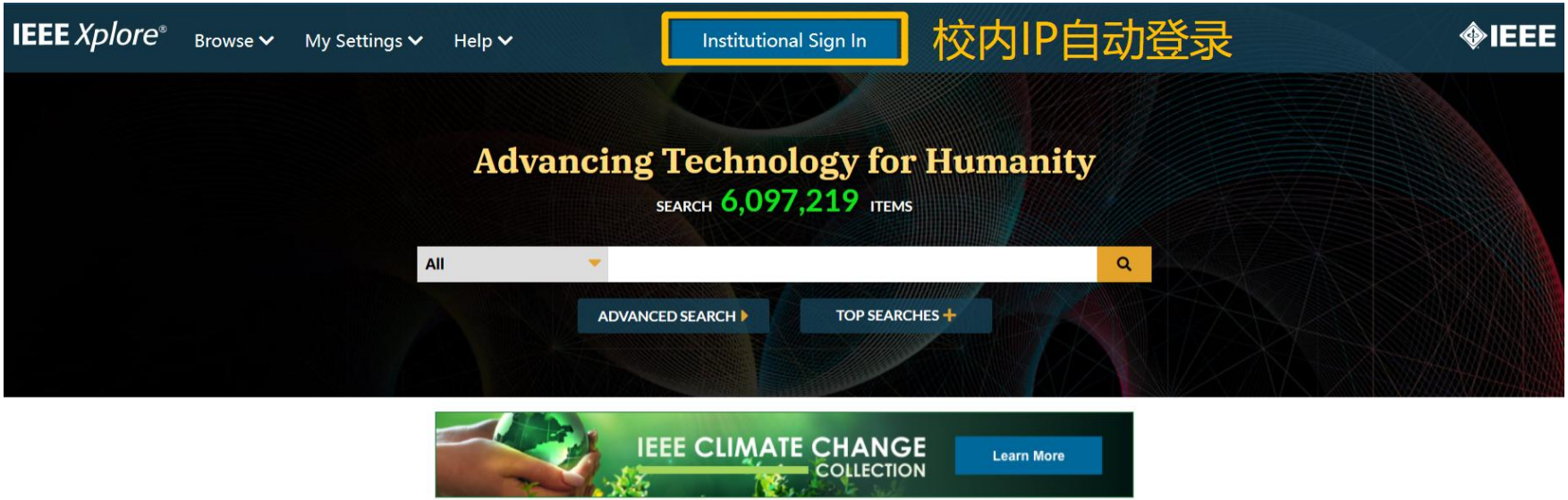

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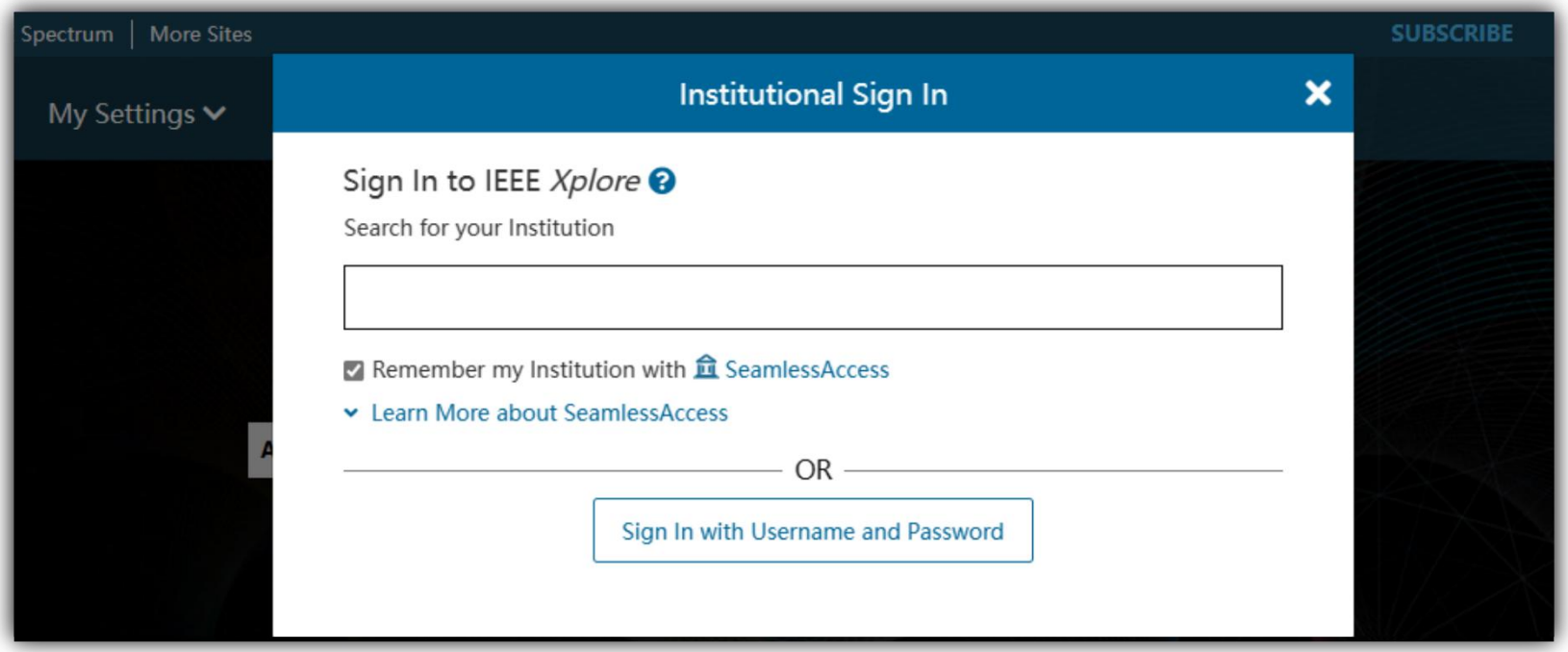

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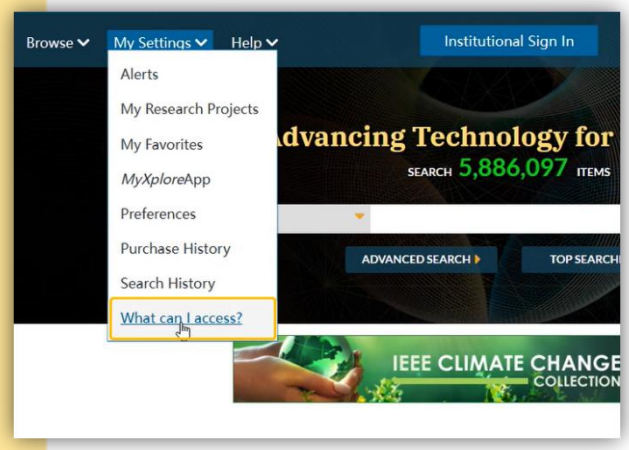

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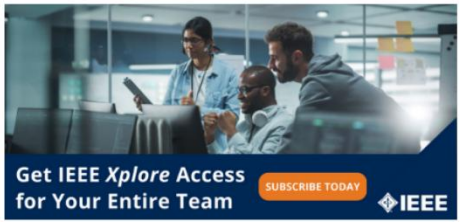

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29 OCT	2023 IEEE/ACM International Conference on Computer Aided Design (ICCAD) CALL FOR PAPERS ABOUT	29 OCT-2 NOV 2023 | SAN FRANCISCO, CALIFORNIA, USA

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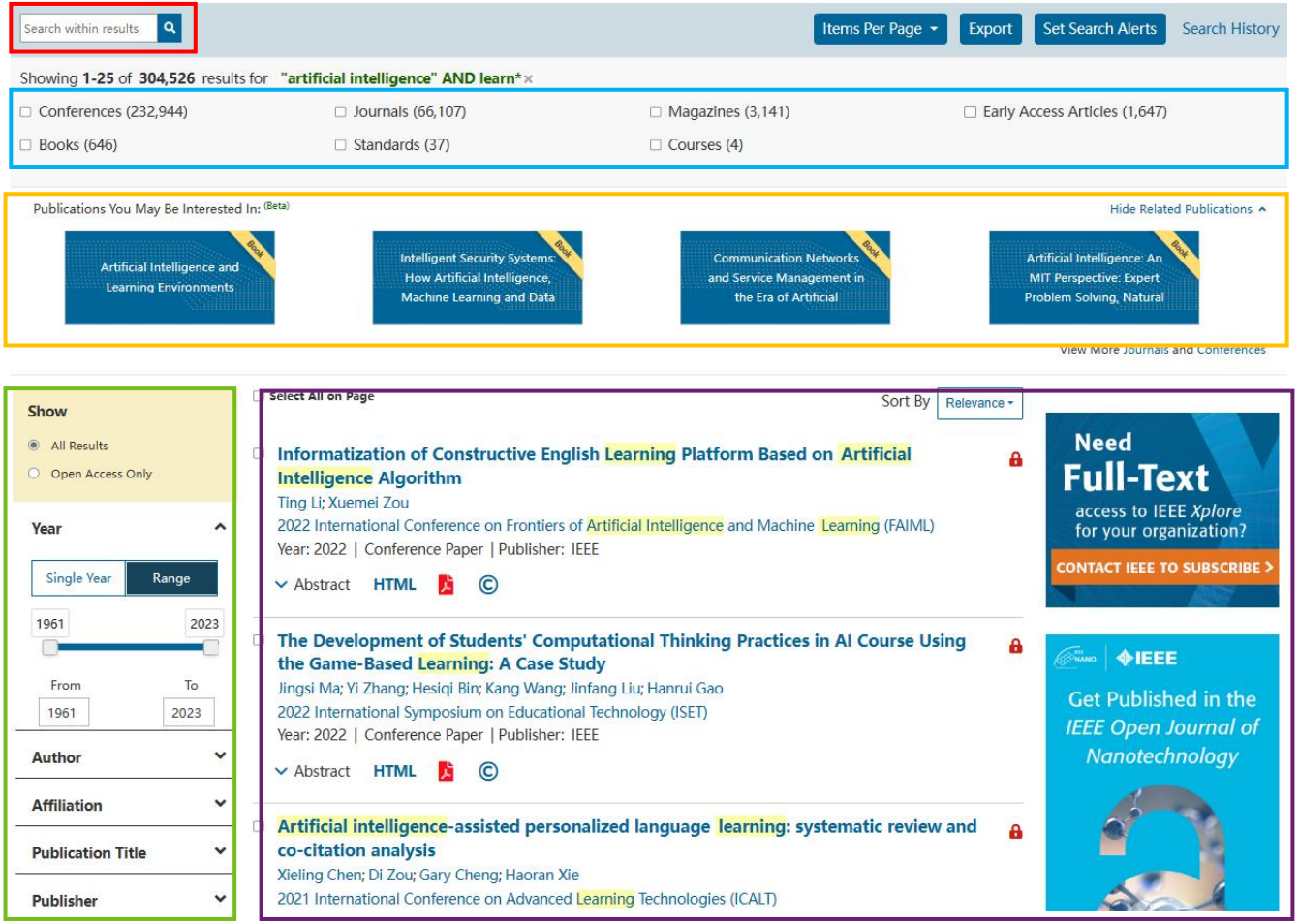

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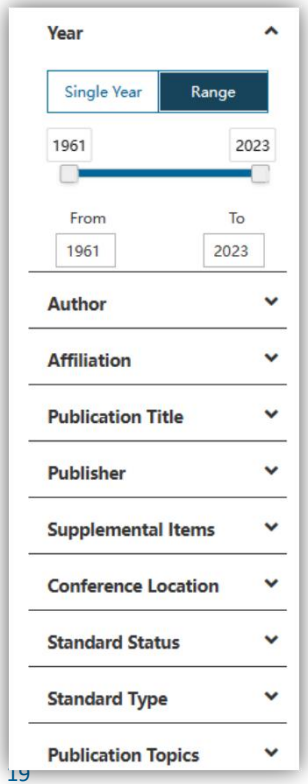
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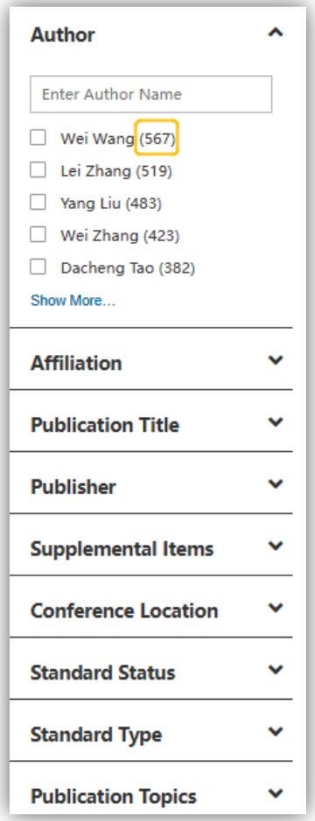
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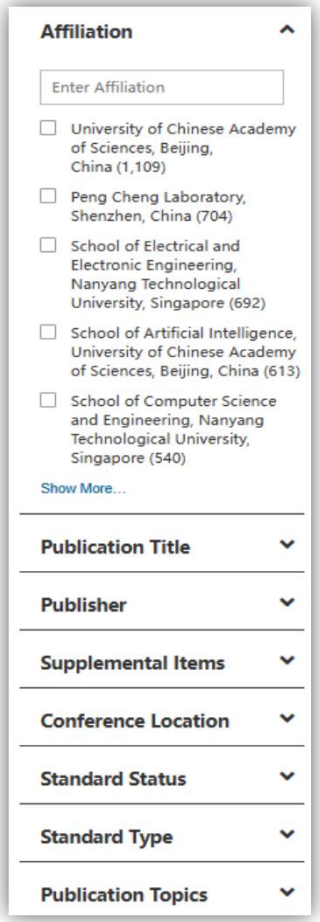
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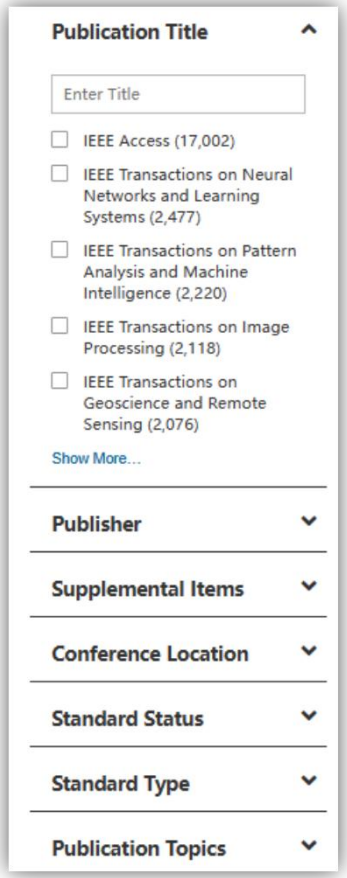
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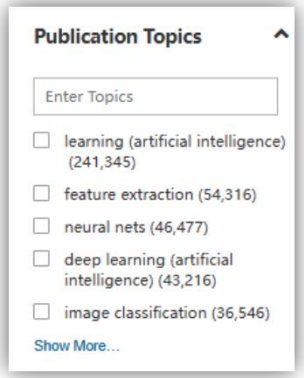
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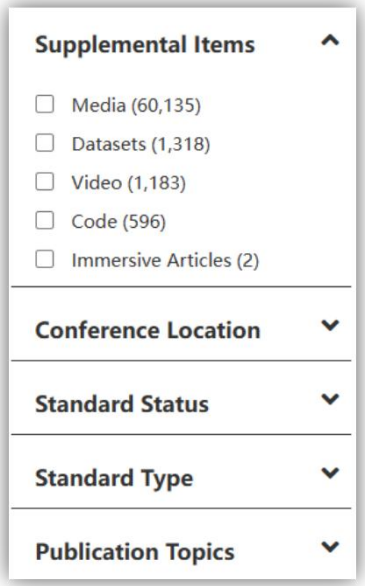
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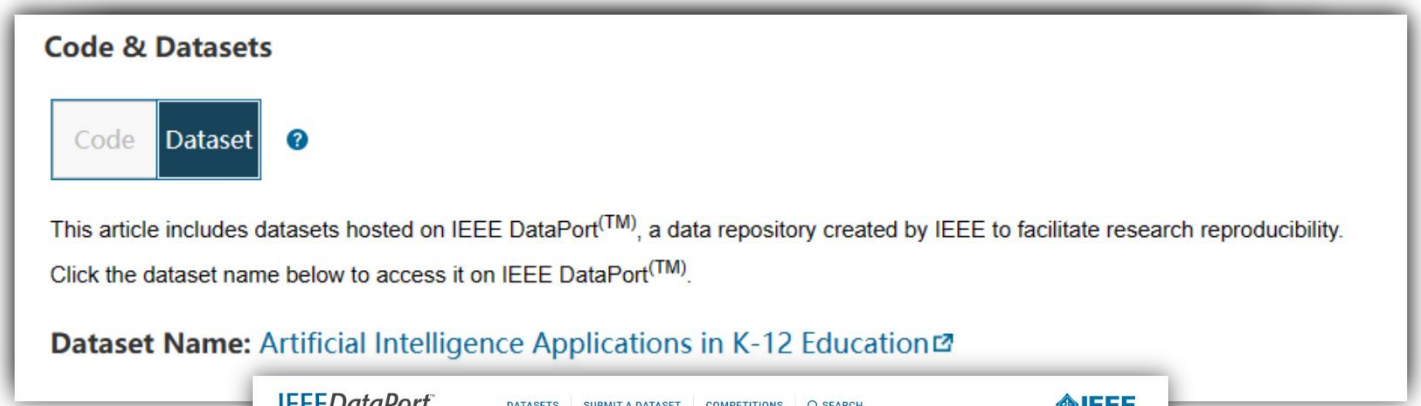
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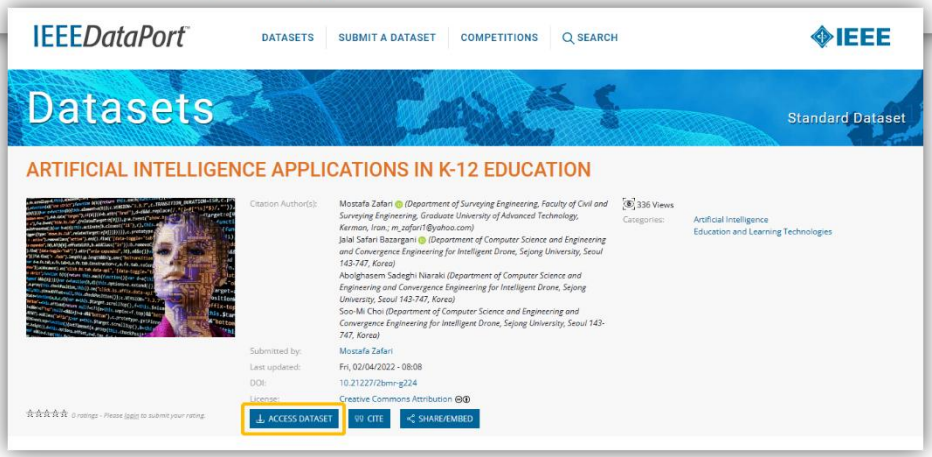
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Emanuel Guberović; Tomislav Lipić; Igor Čavrak

2021 IEEE 45th Annual Computers, Software, and Applications Conference (COMPSAC)

Year: 2021 | Conference Paper | Publisher: IEEE

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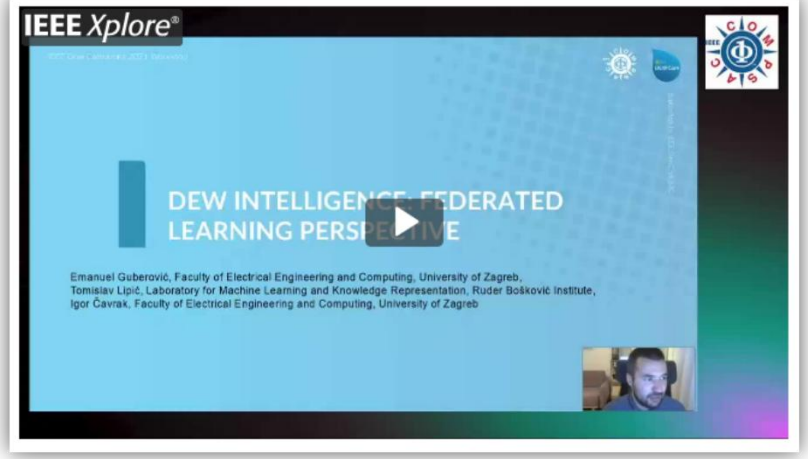

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Flow-Based Reinforcement Learning

Dilini Samarasinghe; Michael Barlow; Erandi Lakshika

IEEE Access

Year: 2022 | Volume: 10 | Journal Article | Publisher: IEEE

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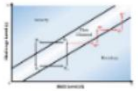

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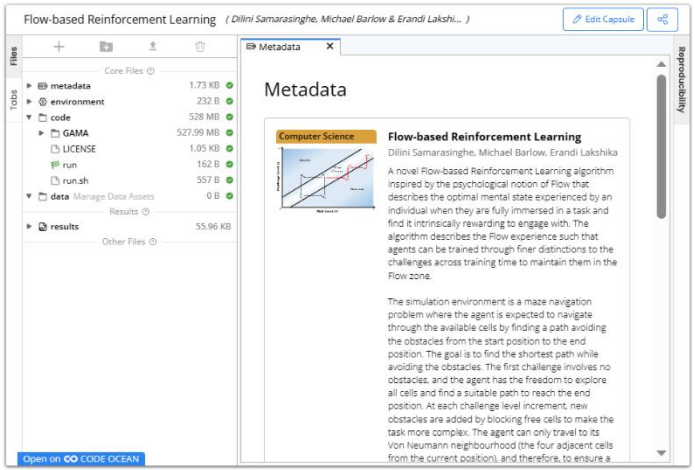

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Type-1 and Interval Type-2 Fuzzy Systems [AI- eXplained]

Dongrui Wu; Ruimin Peng; Jerry M. Mendel

IEEE Computational Intelligence Magazine

Year: 2023 | Volume: 18, Issue: 1 | Magazine Article | Publisher: IEEE

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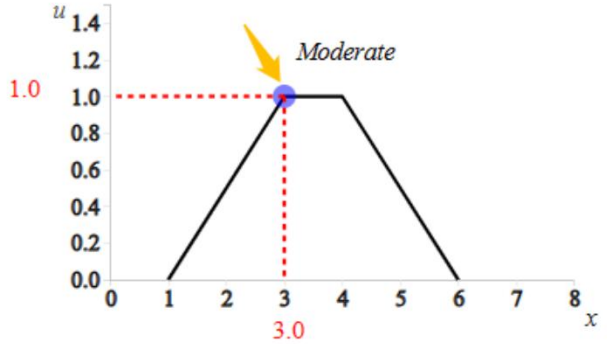

Figure 2: An example of a T1 fuzzy set.

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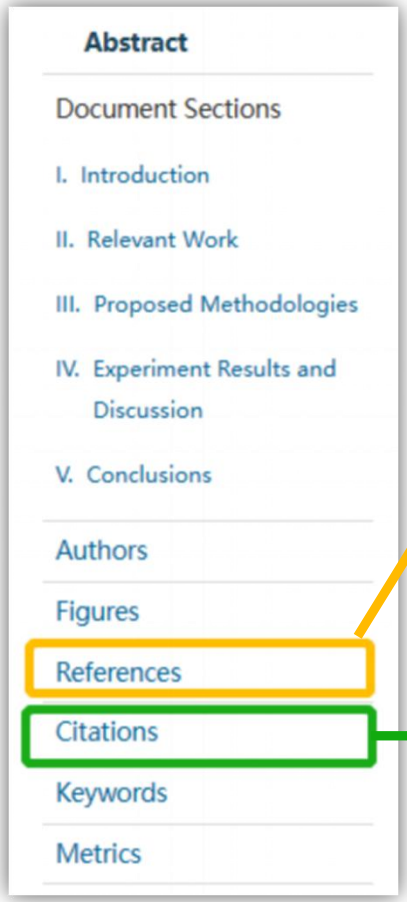

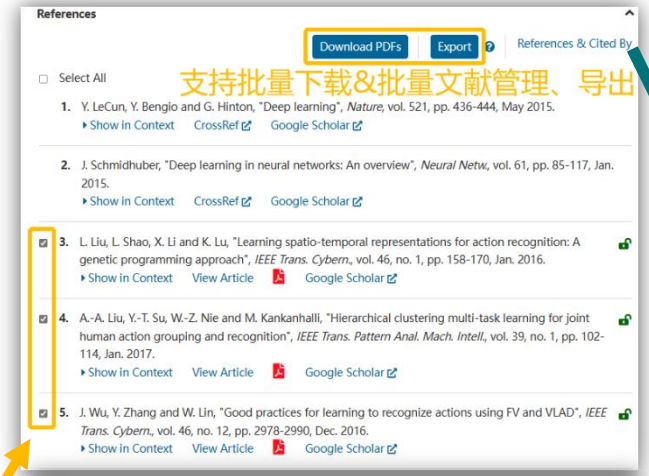

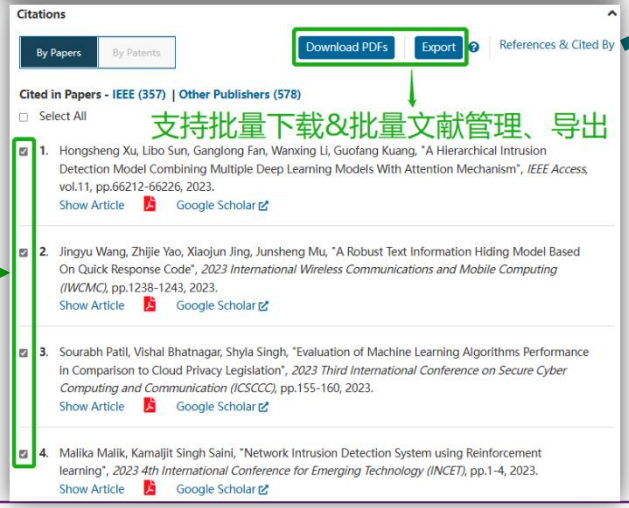

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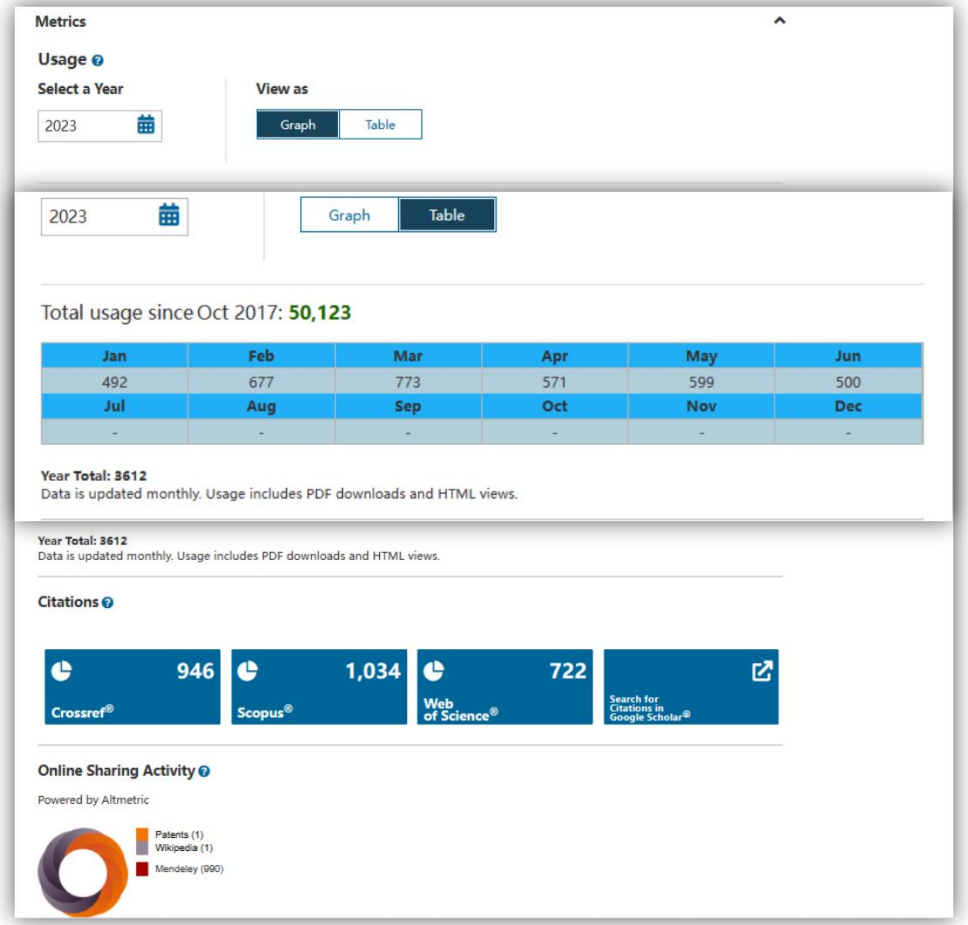

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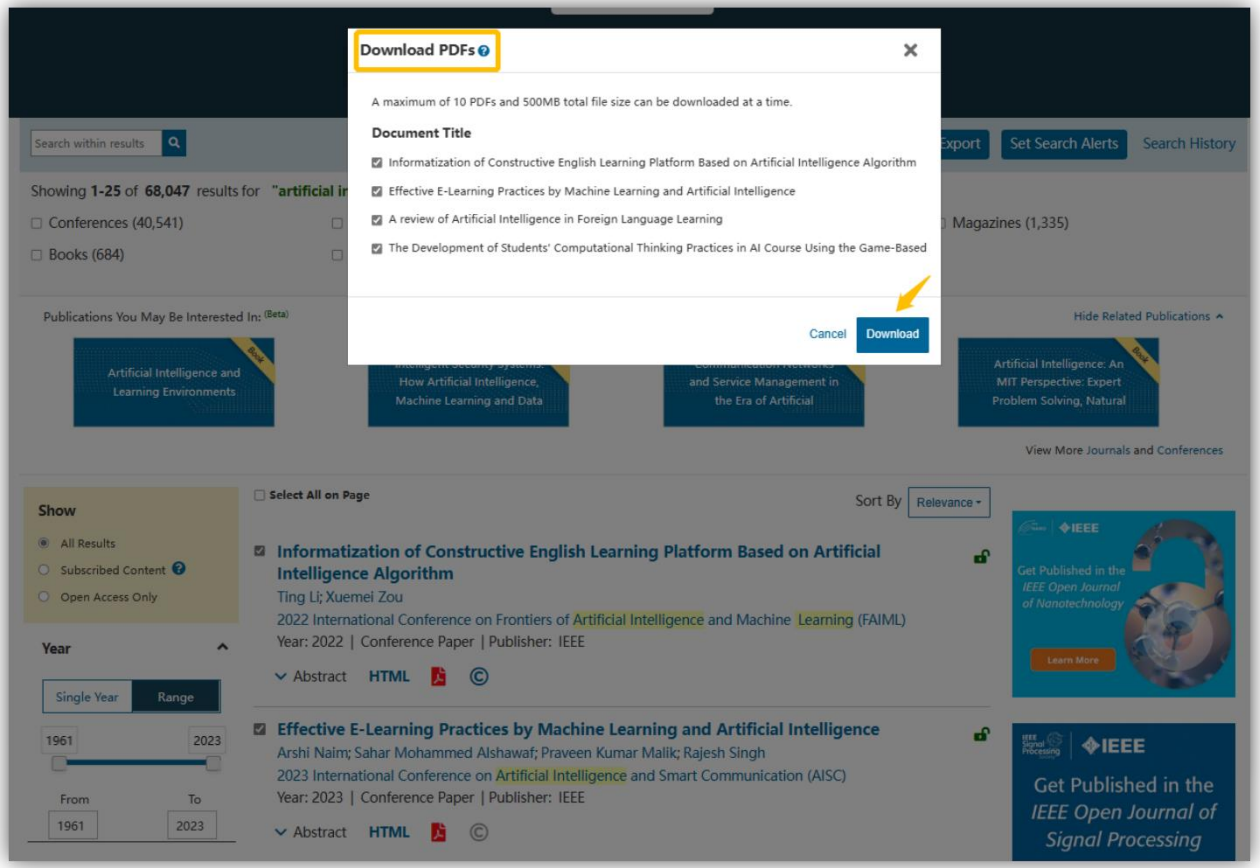

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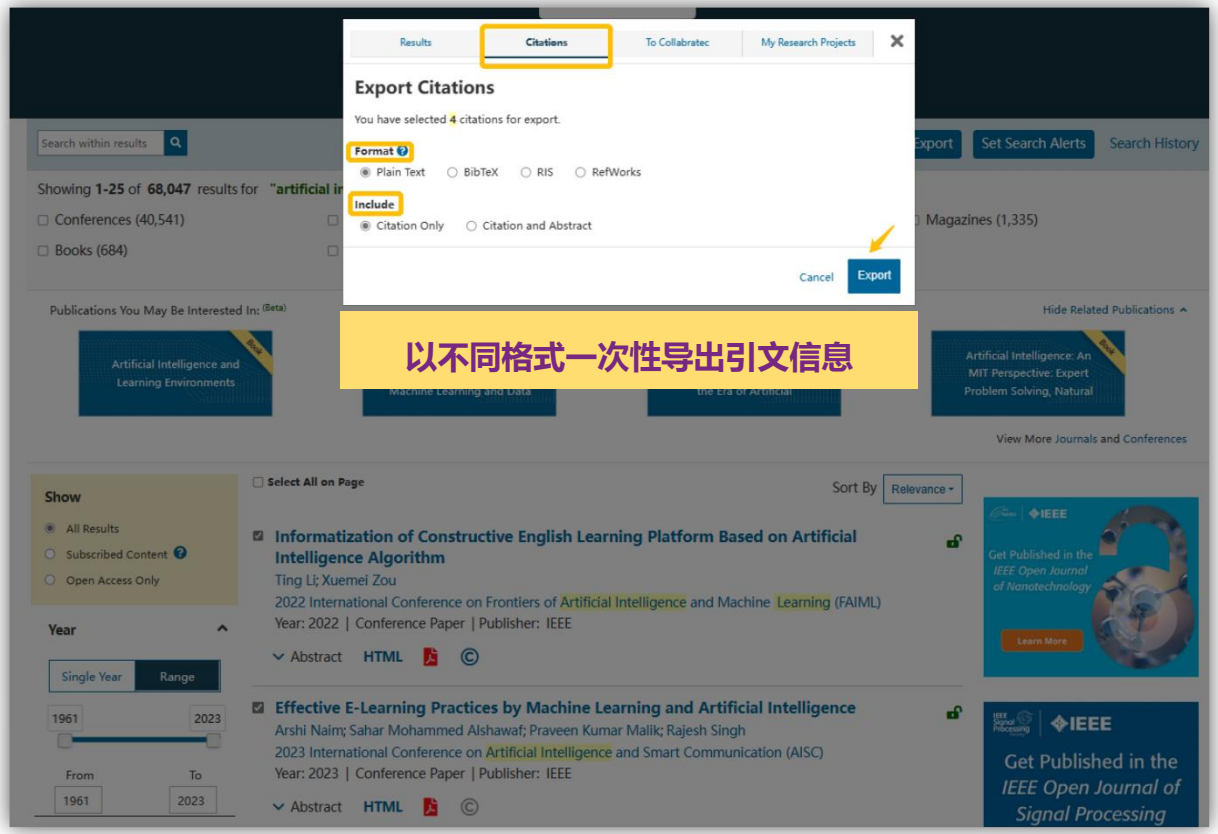
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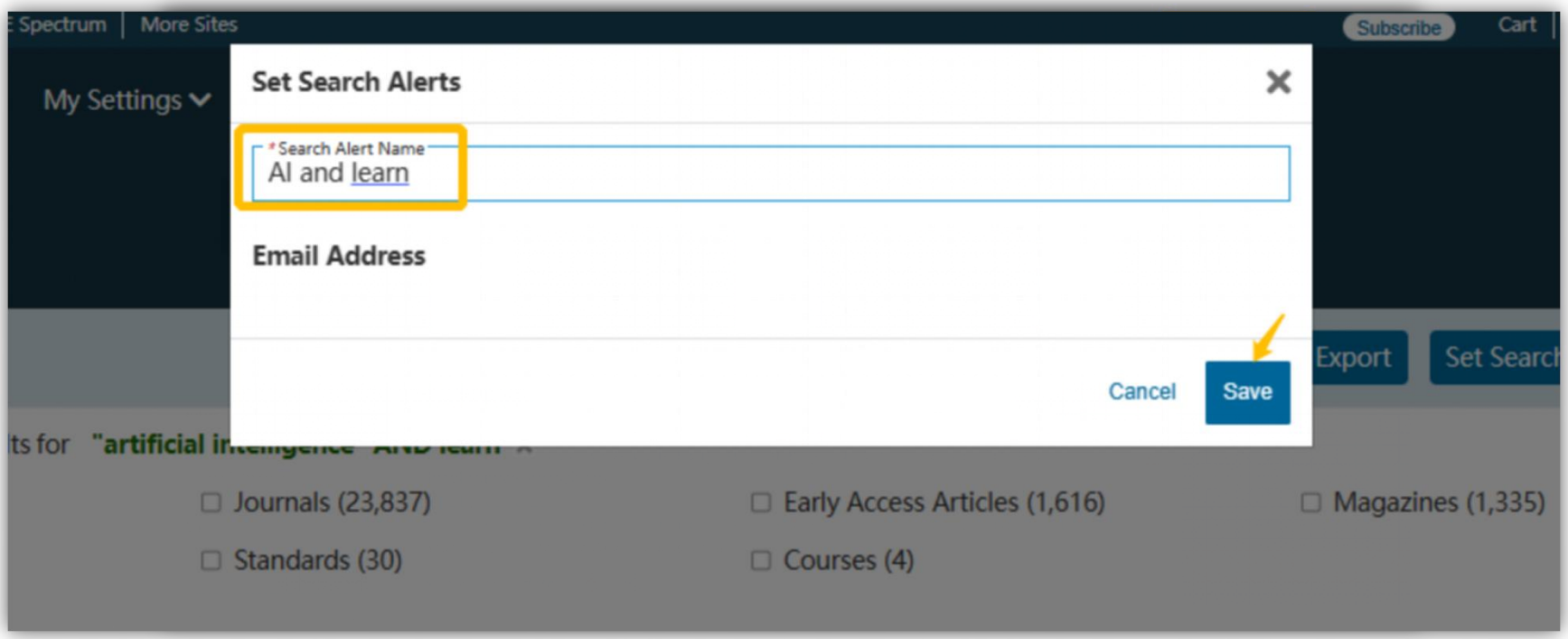

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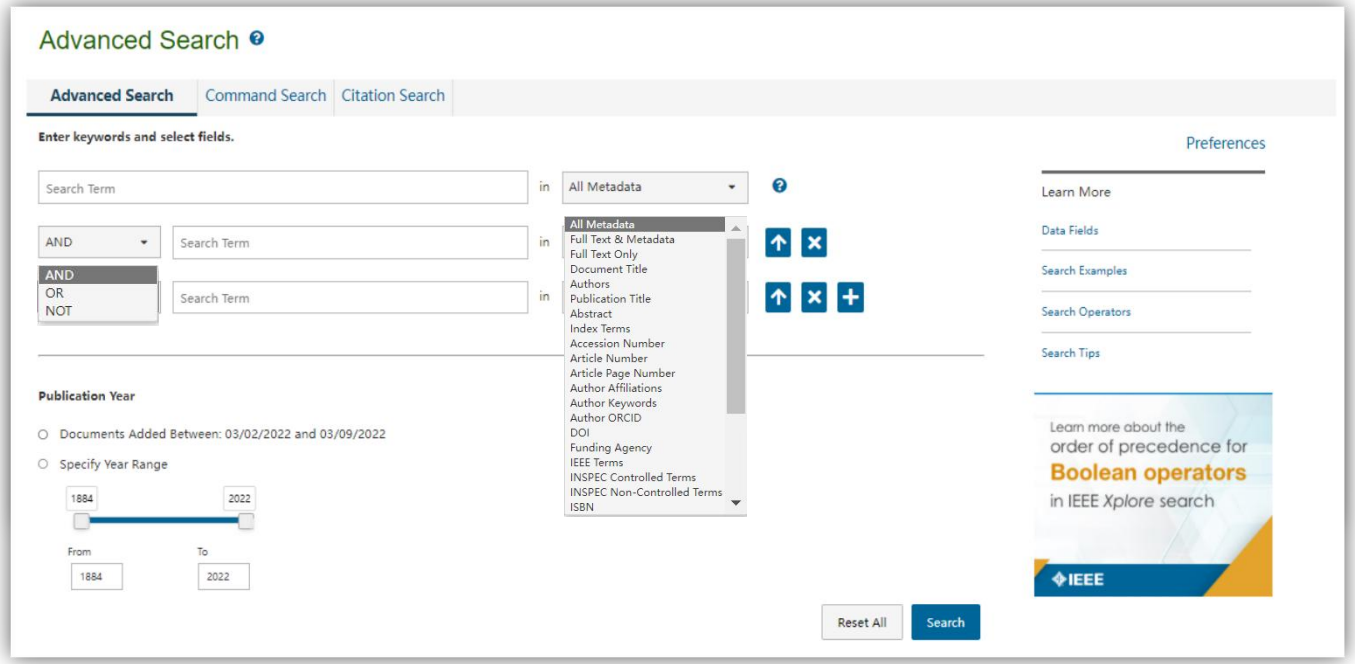

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Zheng Li (Member, IEEE) was born in Shijiazhuang, Hebei, China, in 1980. He received the B.Sc. and Ph.D. degrees in electrical engineering and power electronics and electric drive from the Hefei University of Technology, Hefei, China, in 2002 and 2007, respectively.,He is currently the Professor with Hebei University of Science and Technology, Shijiazhuang, China. His current research interests include design, analysis, and control of novel motors and actuators, intelligent control, and power electronics. *(Based on document published on 11 April 2023).*

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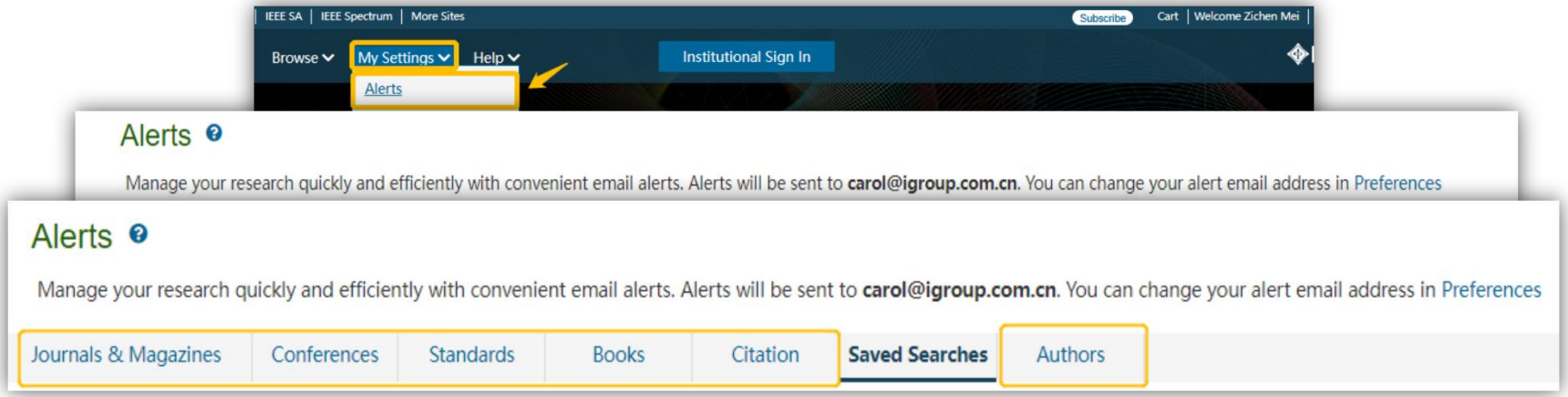

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A Deep Learning Approach for Intrusion Detection Using Recurrent Neural Networks
Publisher: IEEE
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Chuanlong Yin ; Yuefei Zhu ; Jinlong Fei ; Xinzheng He All Authors
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II. Relevant Work
III. Proposed Methodologies
IV. Experiment Results and Discussion
V. Conclusions
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Abstract:
Intrusion detection plays an important role in ensuring information security, and the key technology is to accurately identify various attacks in the network. In this paper, we explore how to model an intrusion detection system based on deep learning, and we propose a deep learning approach for intrusion detection using recurrent neural networks (RNN-IDS). Moreover, we study the performance of the model in binary classification and multiclass classification, and the number of neurons and different learning rate impacts on the performance of the proposed model. We compare it with those of J48, artificial neural network, random forest, support vector machine, and other machine learning methods proposed by previous researchers on the benchmark data set. The experimental results show that RNN-IDS is very suitable for modeling a classification model with high accuracy and that its performance is superior to that of traditional machine learning classification methods in both binary and multiclass classification. The RNN-IDS model improves the accuracy of the intrusion detection and provides a new research method for intrusion detection.
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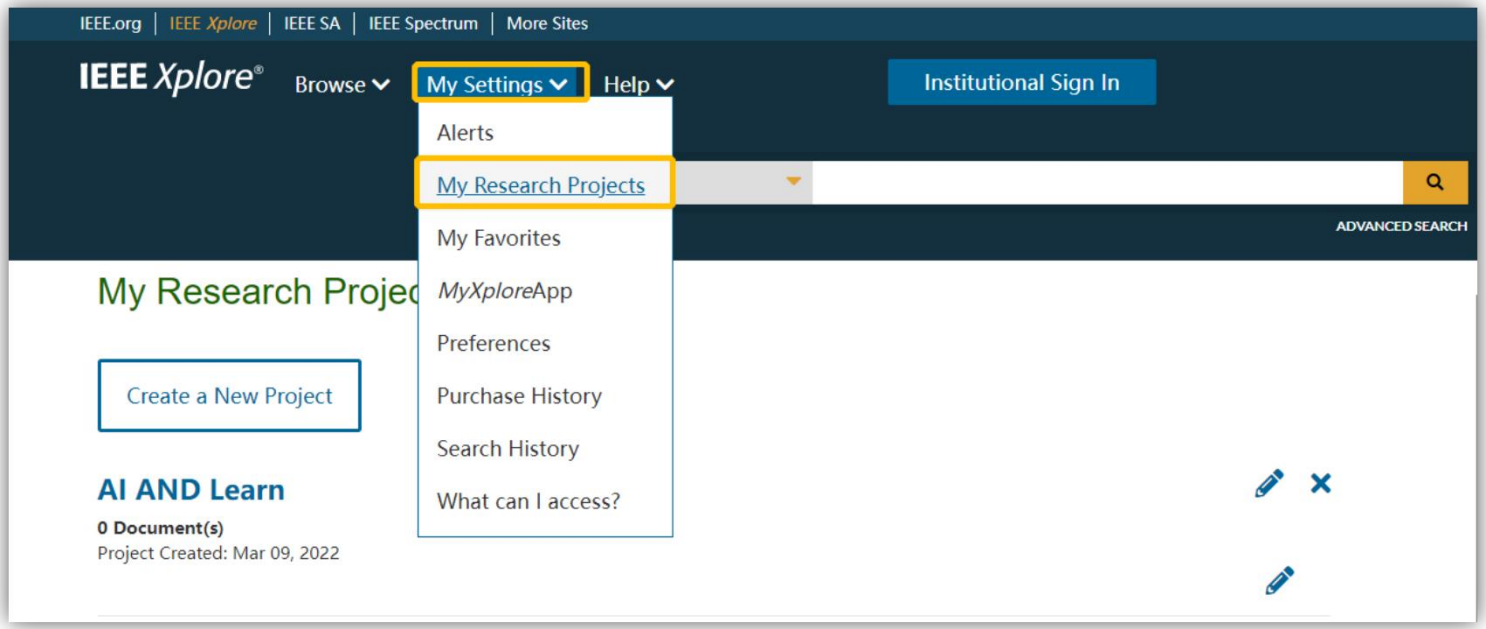

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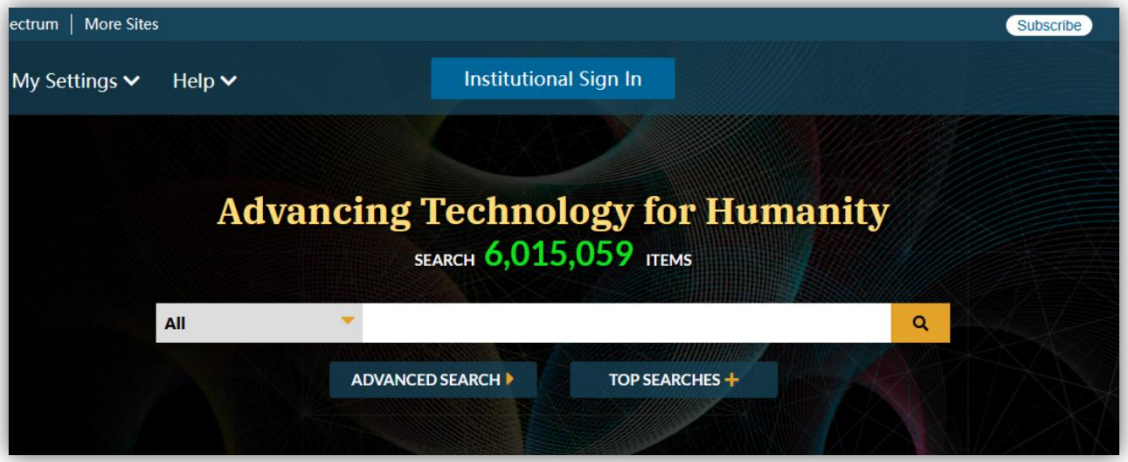

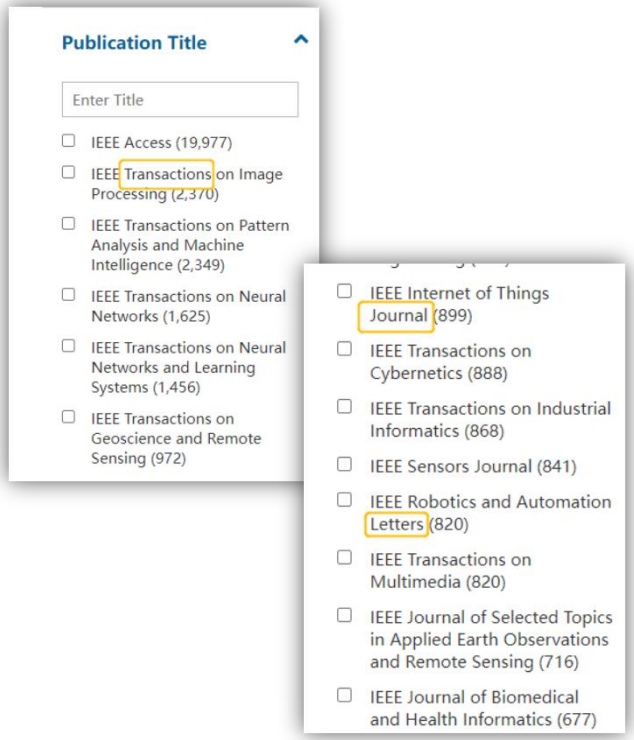

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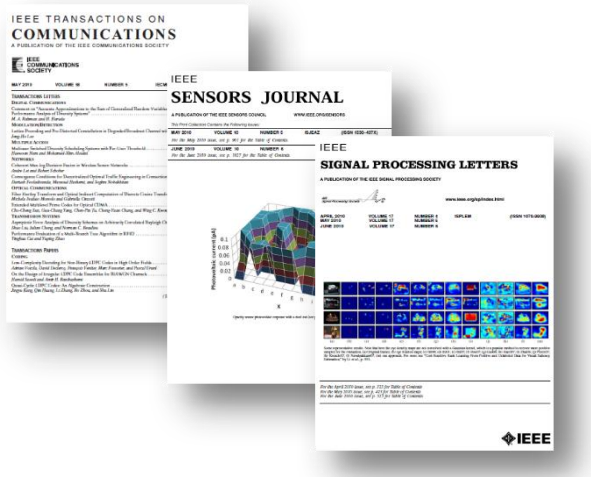

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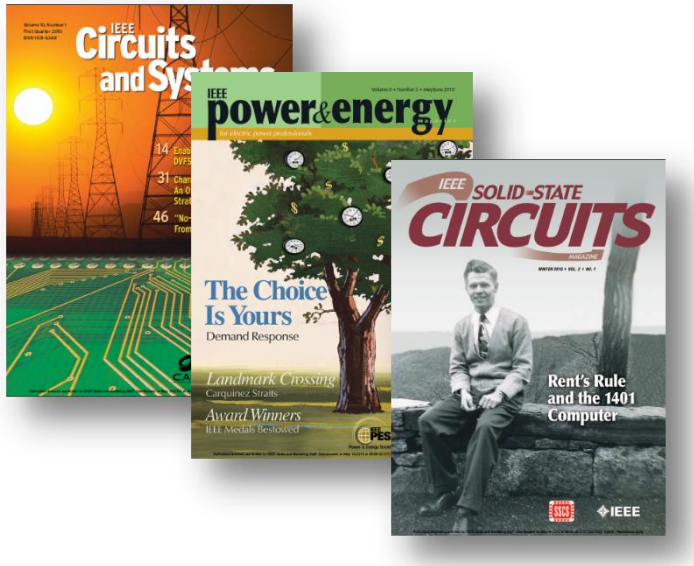

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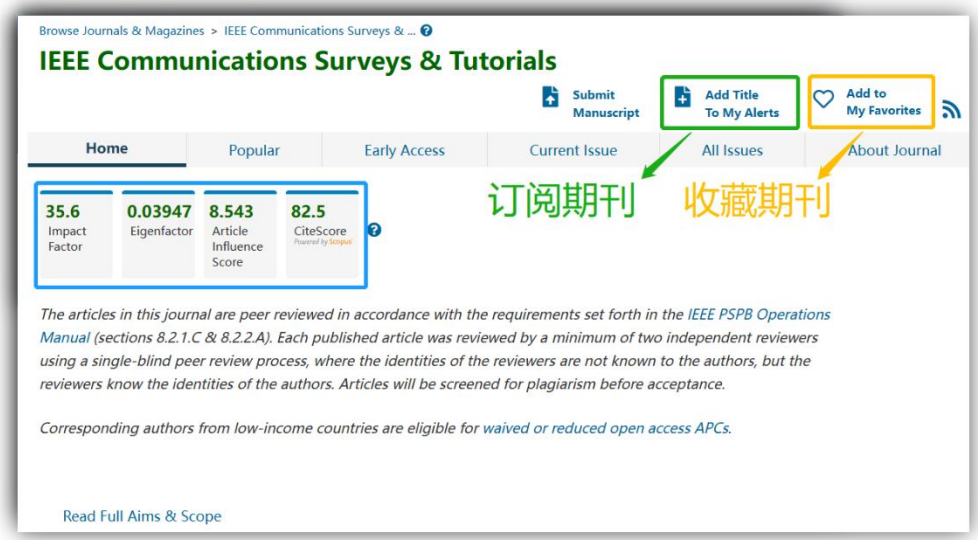
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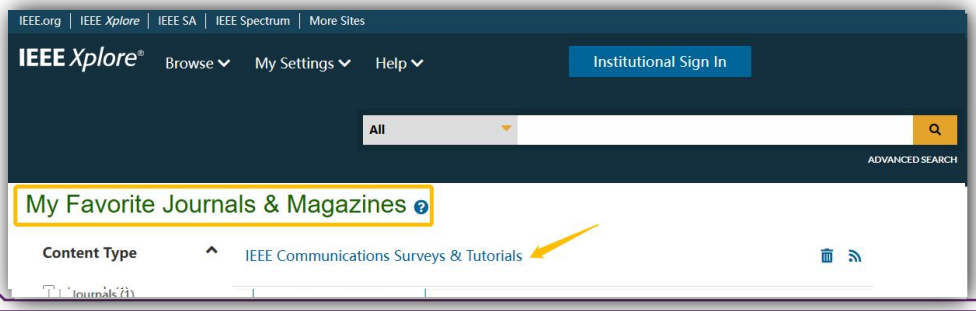
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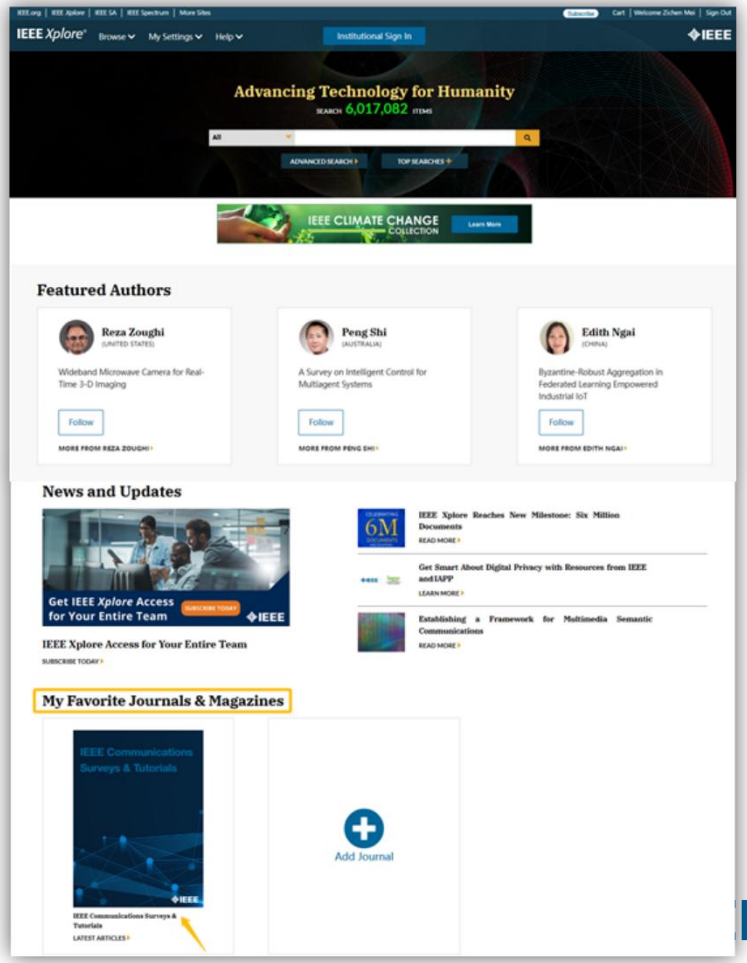
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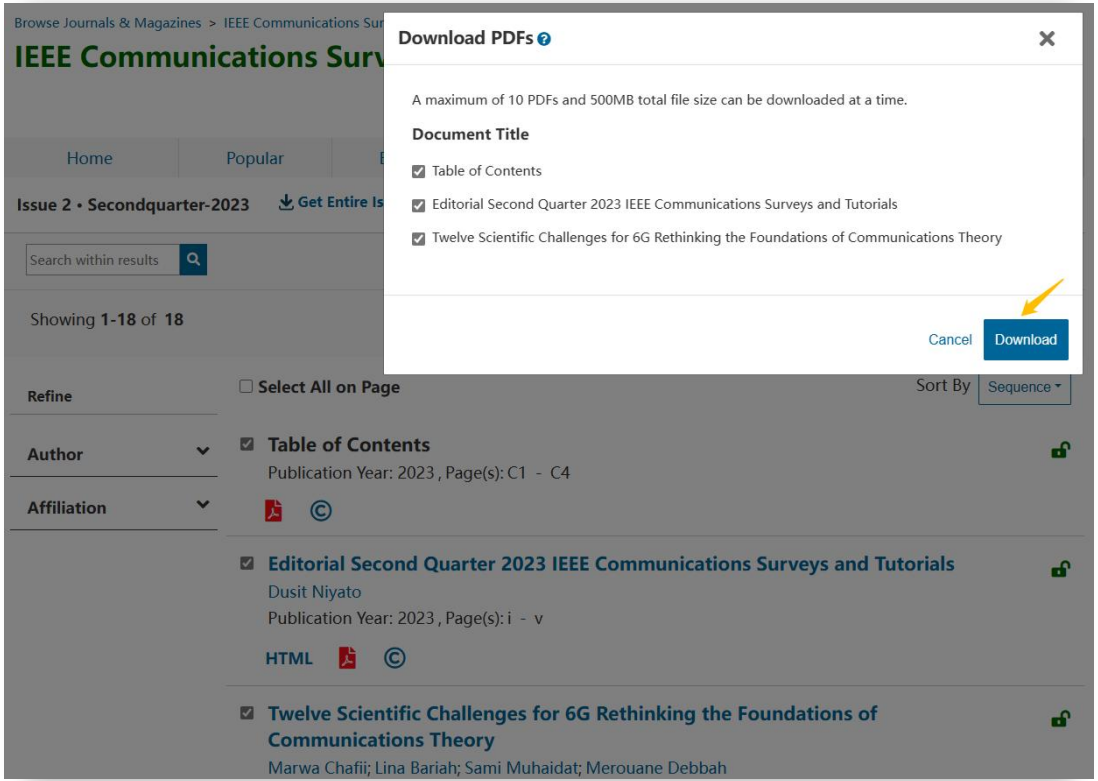
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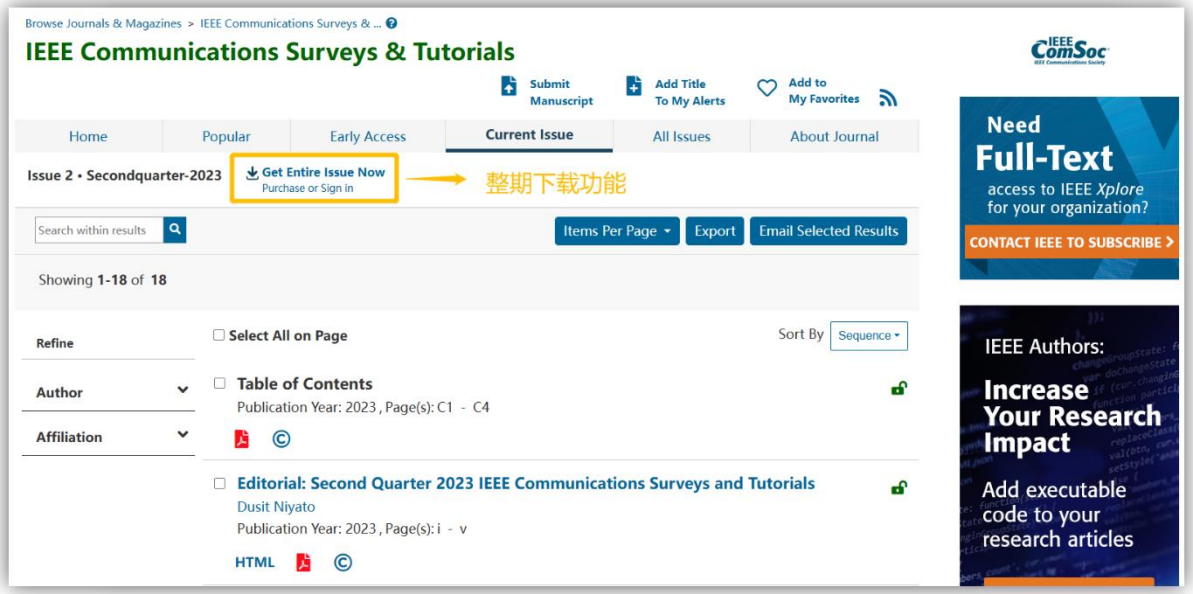
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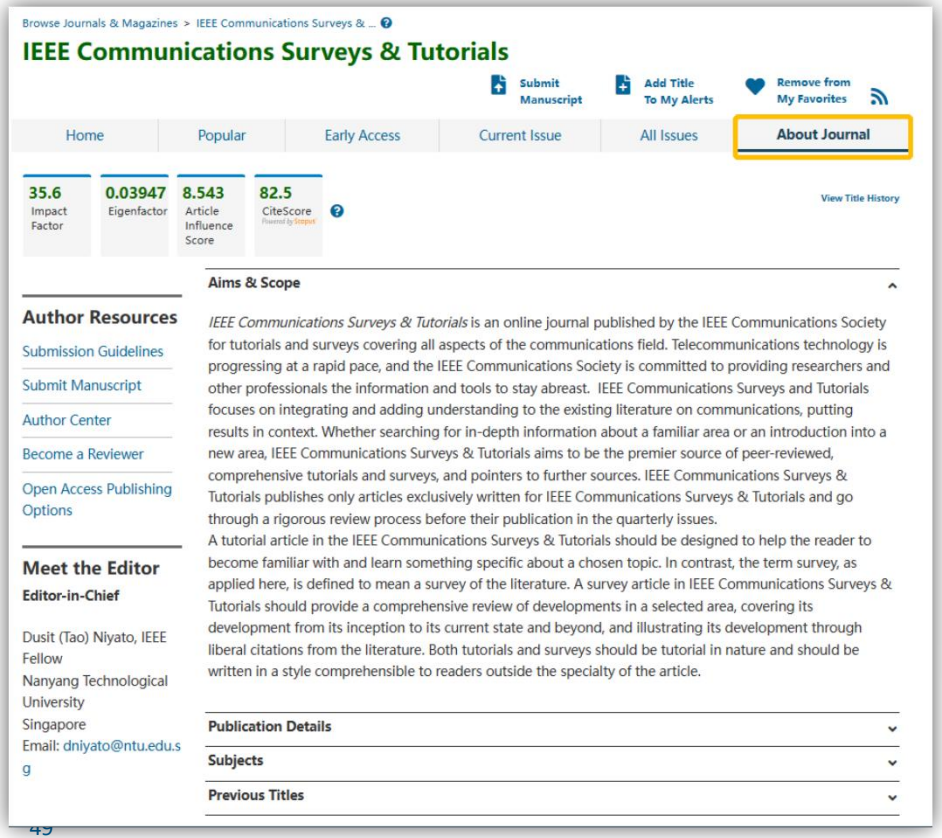
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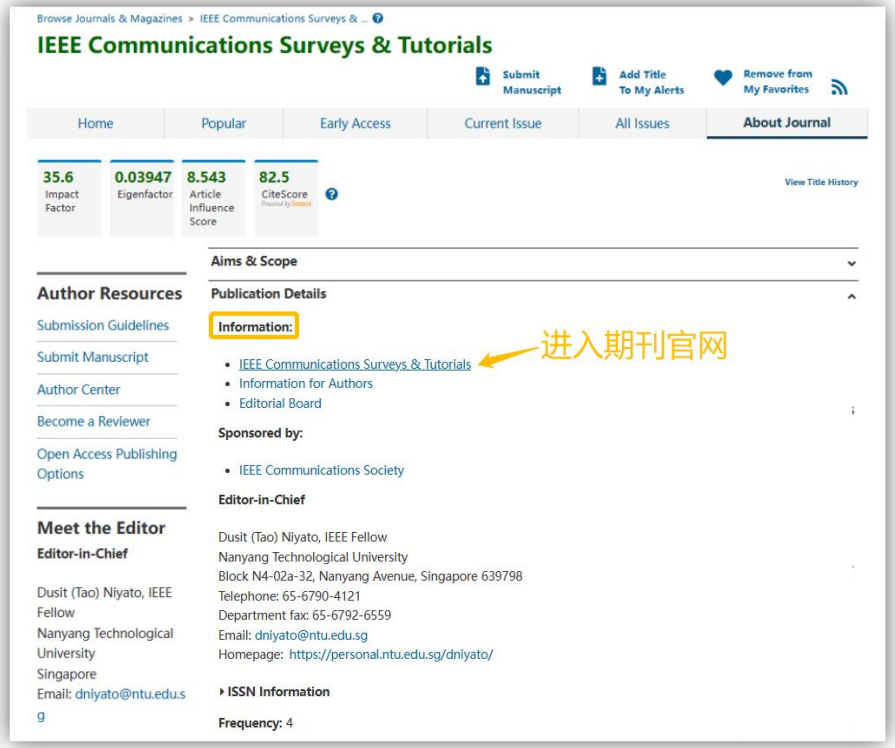
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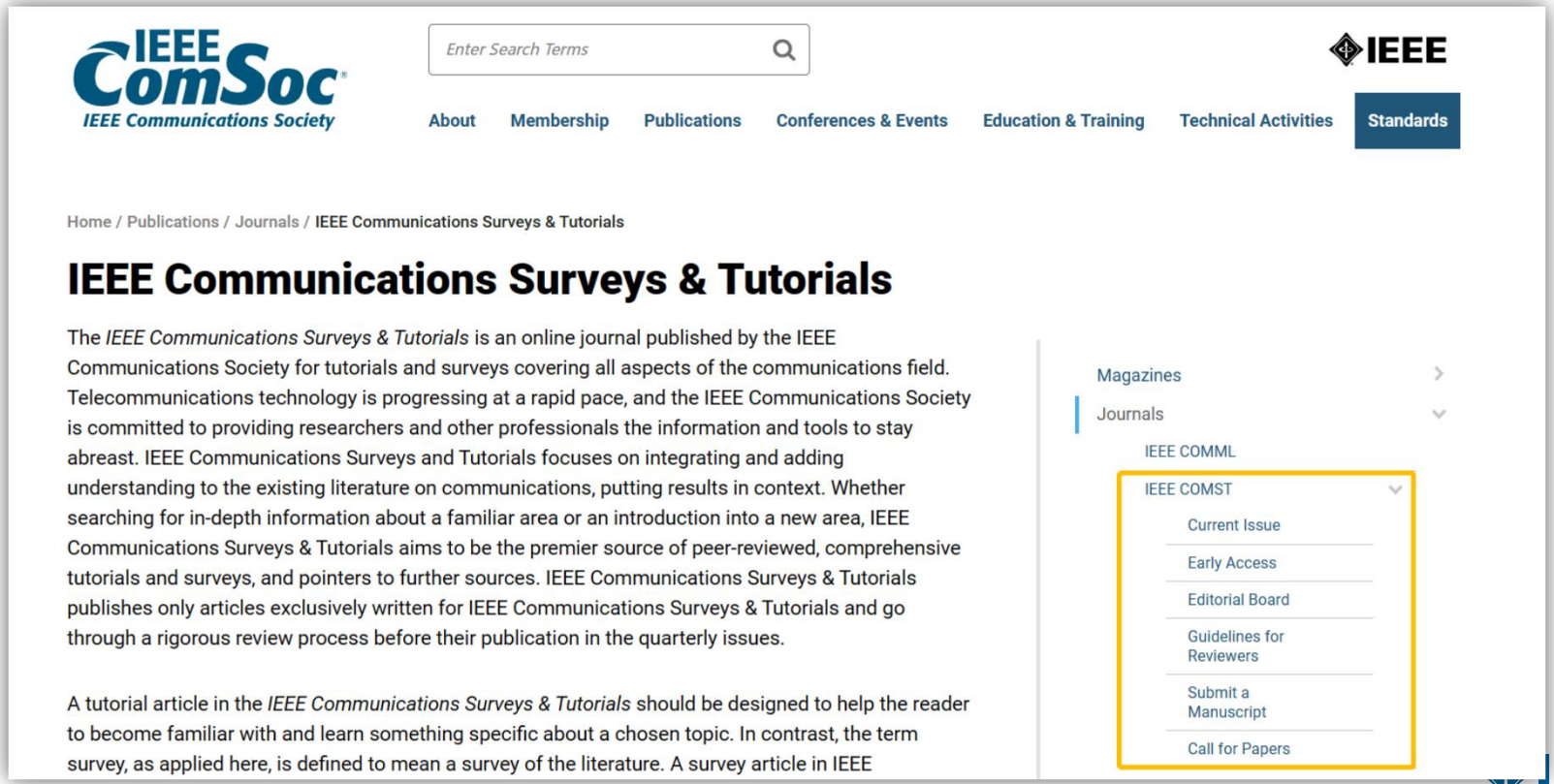
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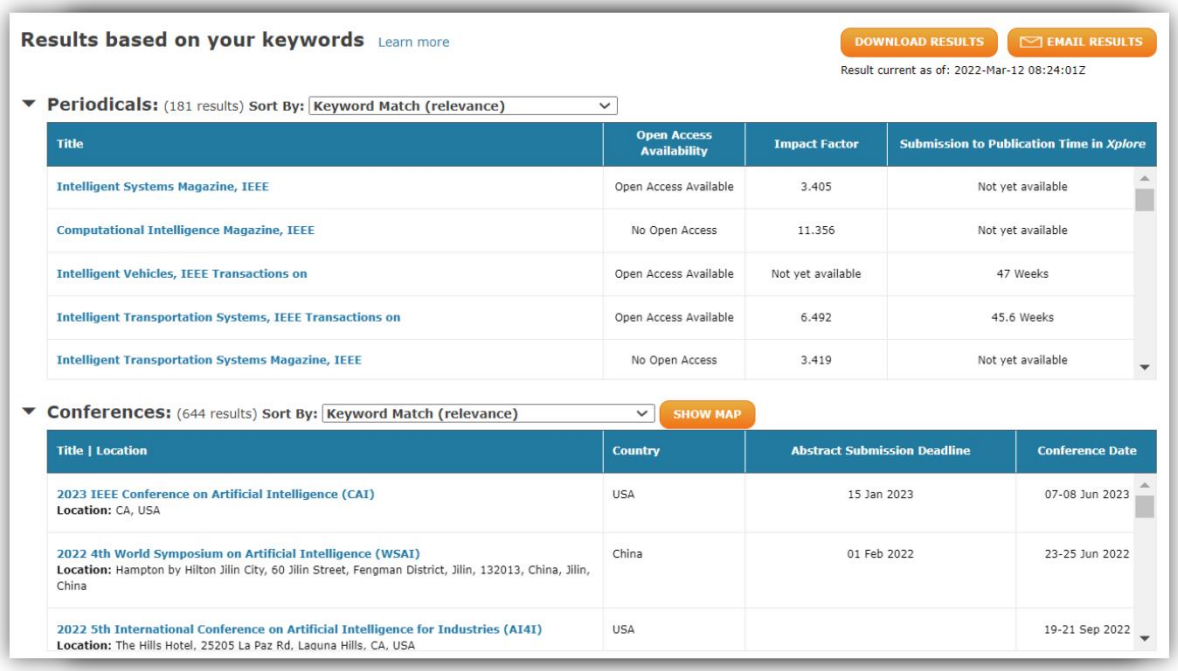

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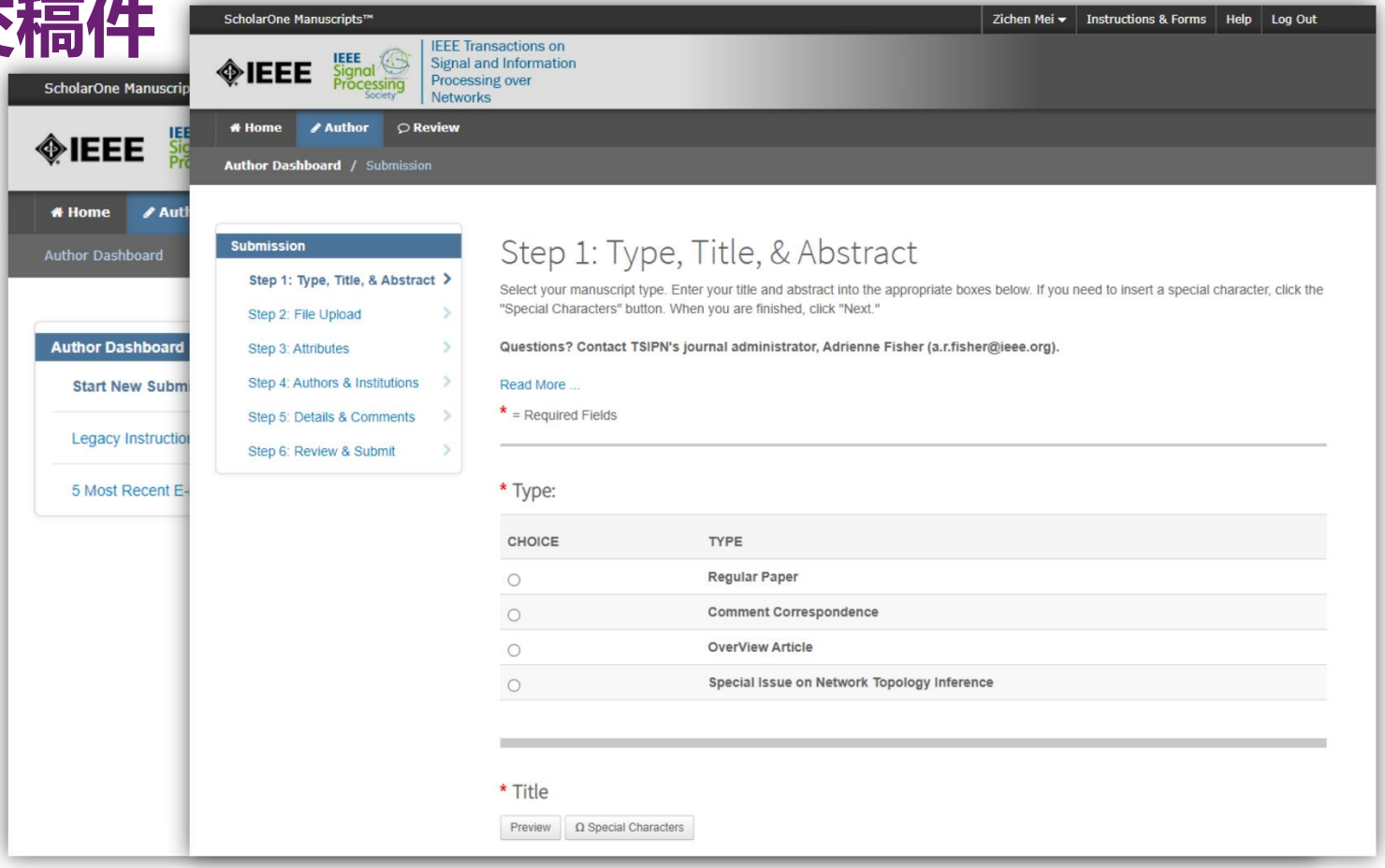
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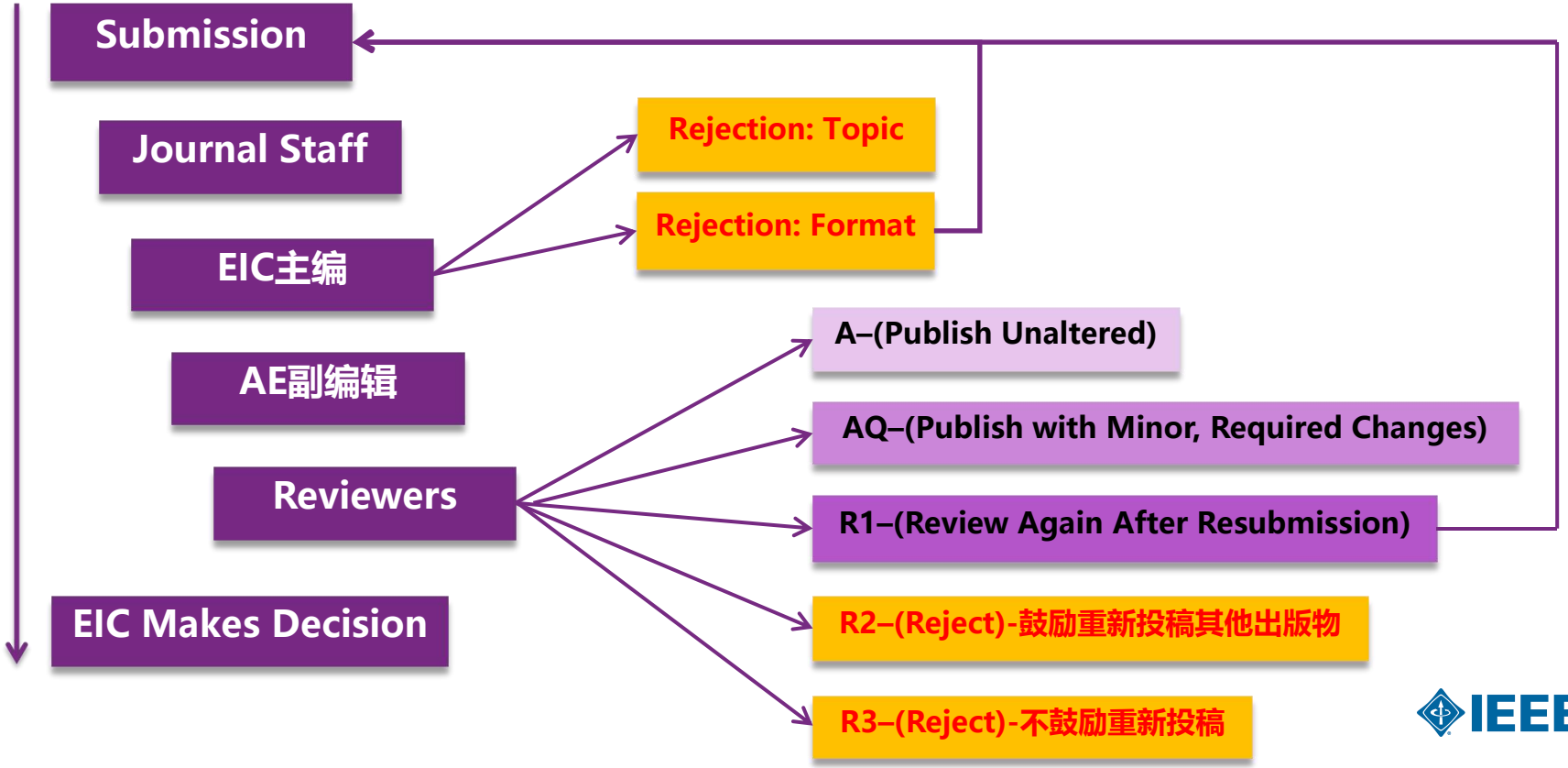
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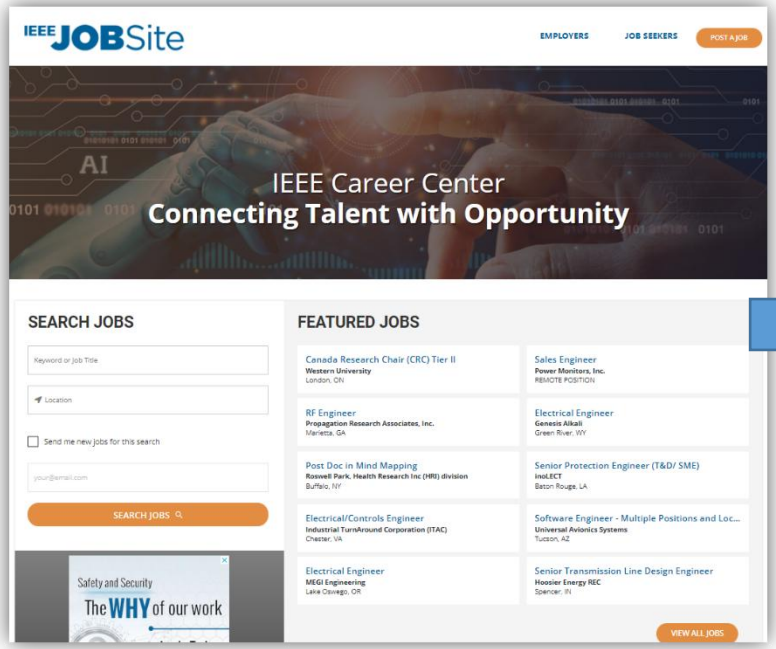

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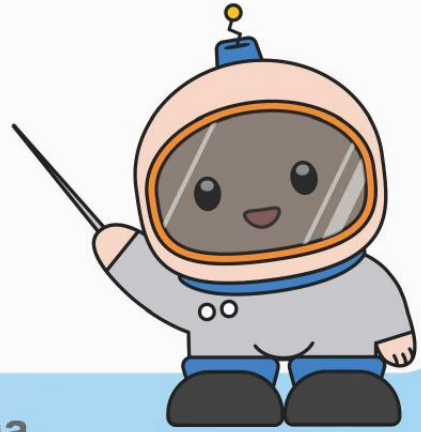

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主题三：IEEE 步履不停：领航开放科学之路	10 月 19 日，19:00–20:00
主题四：IEEE 投稿攻略，攻克投稿壁垒	10 月 26 日，19:00–20:00
主题五：IEEE 科技论文发表锦囊	11 月 2 日，19:00–20:00
主题六：善用 IEEE 衔接学业与职业发展	11 月 16 日，19:00–20:00
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