About OAE

OAE Publishing Inc. (OAE), established in 2015, is an academic publishing company with a strong commitment to "academic ecological thinking and mission." Since its inception, OAE has undertaken the mission of "disseminating scientific research and promoting scientific innovation", collaborating with top experts in various related disciplines to launch over 30 academic journals covering fields such as biology, medicine, chemistry, materials, environment, and computer science. As of April 1, 2024, OAE has published a total of 4,767 high-quality papers, with papers cited over 15,000 times in total. The journals have been indexed in various databases, with 2 journals indexed in PMC, 5 in ESCI, 4 in Embase, 19 in Scopus, 18 in CAS, and 25 in Dimensions.



Services

- Language editing services: provides expert article editing services to non-native English speakers, ensuring their submitted articles meet international journal standards.
- Digital production services: provides LaTeX, XML, and PDF document production, as well as journal covers, promotional materials, and conference poster design.
- Journal hosting: a professional publishing team provides comprehensive journal operation services for institutions.

Xi'an Office

Suite 1504, Plaza A, Xi'an National Digital Publishing Base No. 996 Tiangu 7th Road, Gaoxin District, Xi'an 710077, Shaanxi, China

OAE Publishing Inc.

245 E Main Street Ste 107, Alhambra CA 91801, USA Website: http://oaepublish.com/



About The Journal

Intelligence & Robotics (IR) was officially launched by OAE Publishing Inc. on 2021. IR publishes top-quality unpublished original technical and non-technical application-focused articles on intelligence and robotics, particularly on the interdisciplinary areas of intelligence and robotics. The scope of the Journal includes, but is not limited to (1) biological, bio-inspired, and artificial intelligence; neural networks, fuzzy systems, swarm intelligence, evolutionary algorithms, neural computation, and various other intelligent algorithms; (2) sensing, multi-sensor fusion, design and modeling, data analysis, localization, planning, and control for mobile, aerial, underwater, and other robotic systems; and robot cooperation, teleoperation and human-machine interactions; (3) applications of intelligence and robotics, such as intelligent control, biomedical artificial intelligence, industrial artificial intelligence, intelligent agriculture, intelligent transportation, intelligent communication, smart city, and so on.

□ Journal Features

- Indexed in Scopus, Dimensions, Lens, and evaluated in ESCI.
- Gold open access: free permanent access to all articles.
- First-class editorial team: includes experts like Tianyou Chai, Clarence W. de Silva, Toshio Fukuda, Aike Guo, Takeo Kanade, Devi Li, etc.
- Fast publishing: median time from submission to first decision is 30 days.
- Strict peer review system to ensure high-quality publication.
- Multiple international promotion platforms to increase article visibility.

Submission

https://oaemesas.com/login?JournalId=ir

IR follows a single-blind review process. The scientific quality of the research described in the manuscript is evaluated by at least three independent expert reviewers. The Editor-in-Chief is responsible for making the final decision on the acceptance or rejection of the manuscript.

Contact Us -

Intelligence & Robotics

Website: https://www.oaepublish.com/ir

E-mail: editorial@intellrobot.com

WeChat: intellrobot_office



IR Homepage



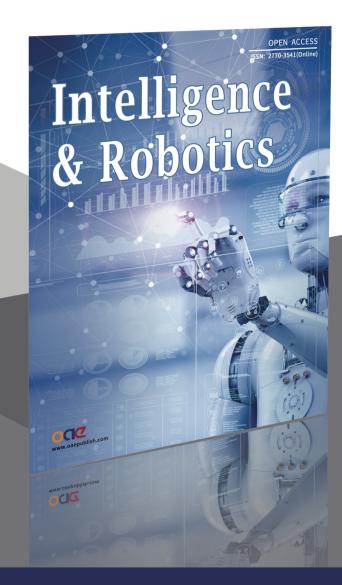
WeChat

IR

Intelligence & Robotics

Open Access

ISSN: 2770-3541 (Online)



Editorial Board

Editor-in-Chief



Simon X. Yang, University of Guelph, Canada

Simon X. Yang is currently a Professor and the Head of the Advanced Robotics and Intelligent Systems Laboratory at the University of Guelph, Guelph, ON, Canada, Prof, Yang has been very active in professional activities. He has been served as the Editor-in-Chief and Associate Editor of several journals, and has involved in the organization of many international conferences. He was on the grant review panel of NSERC, CIHR and several other grant agencies.

Advisory Board Members



Tianvou Chai

Northeastern University, China



Aike Guo

University of Chinese Academy of Sciences,



Clarence De Silva

University of British



Beijing Union



University, China



Toshio Fukuda

Nagova University.



Carnegie Mellon

University, USA

Executive Editors



Lei Lei University of Guelph



Hao Zhang

Associate Editors

Zhuming Bi, Purdue University Fort Wayne, USA Hongtian Chen, Shanghai Jiao Tong University, China Haibin Duan, Beihang University, China Hani Hagras, University of Essex, UK Zeng-Guang Hou, Chinese Academy of Sciences, China Fakhri Karray, University of Waterloo, Canada Jinguo Liu, Chinese Academy of Science, China Chaomin Luo, Mississippi State University, USA Jianjun Ni, Hohai University, China Tetsuya Ogata, Waseda University, Japan Chen Peng, Shanghai University, China

Jinhua She, Tokyo University of Technology, Japan

Lei Shu, University of Lincoln, UK Huaicheng Yan, East China University of Science and Technology, China Daqi Zhu, Shanghai Maritime University, China

Special Issues



Collaborative Optimization and Control of Intelligent Unmanned Autonomous Systems

Guest Editors: Prof. Hao Zhang Dr. Changzhu Zhang



Scene Understanding for Autonomous Robotics

Guest Editor: Prof. Jianjun Ni



Robot System Intelligentization and Application: Learning, Control and Decision

Guest Editors Prof. Huaicheng Yan Prof. Yueving Wang Prof. Dan Zhang Dr. Yang Wu



Swarm Intelligence for Robotic Systems

Guest Editors: Prof. Haibin Duan Dr. Jinguo Liu



Intelligent Systems and Robots in Agriculture

Guest Editors: Prof. Lei Shu Prof. Qifeng Li



Recent Advances in Embodied Artificial Intelligence

Guest Editors: Prof. Rui Fan Prof. Oiiun Chen Prof. Fisher Yu Prof. George Giakos Dr. Mohammud Junaid Bocus

You are welcome to submit manuscripts to these special issues, and invited manuscripts will enjoy APC exemption. Please contact the editorial office in advance for further information.

■ Featured Articles

Federated reinforcement learning: techniques, applications, and open challenges Jiaju Qi, Qihao Zhou, Lei Lei*, Kan Zheng



Unmanned aerial vehicle with handover management fuzzy system for 5G networks: challenges and perspectives

Thalita Ayass*, Thiago Coqueiro, Tássio Carvalho, José Jailton, Jasmine Araújo, Renato Francês



Deep learning for LiDAR-only and LiDAR-fusion 3D perception: a survey Danni Wu, Zichen Liang, Guang Chen*



An overview of intelligent image segmentation using active contour models Yiyang Chen, Pengqiang Ge, Guina Wang*, Guirong Weng, Hongtian Chen*



A bio-inspired algorithm in image-based path planning and localization using

Daniel Short, Tingjun Lei, Chaomin Luo*, Daniel W. Carruth, Zhuming Bi



GMAW welding procedure expert system based on machine learning Xuewu Wang*, Qian Chen, Hao Sun, Xiuwei Wang, Huaicheng Yan



ChatGPT in connected and autonomous vehicles: benefits and challenges Lei Lei*, Hao Zhang, Simon X. Yang



Reinforcement learning methods for network-based transfer parameter selection Yue Guo*, Yu Wang, I-Hsuan Yang, Katia Sycara

