About OAE

OAE Publishing Inc. (OAE) is a multidisciplinary open-access publishing company. It was founded in Los Angeles, USA, on March 17, 2015. OAE has published 33 online journals, with the involvement of 65 academicians from around the world, providing publishing services to over 9,000 scholars globally. OAE has established collaborations with organizations and groups such as COPE, Crossref, and Research Gate. The journals have been indexed in various databases, with **2 journals being indexed in ESCI, 7 journals in Scopus, 1 journal in PMC, 1 journal in Embase, 25 journals in Dimensions, 16 journals in CAS, and 31 journals in J-Gate.**

Partners

Services

Language Editing Services: Provide professional article editing services for non-native English speaking scholars to ensure that the language level of their articles meets the requirements of international academic journals.

About The Journal

Intelligence & Robotics (IR) was officially launched by OAE Publishing Inc. on June 7, 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 **IR** publishes top-quality unpublished original technical and non-technical application-focused articles on intelligence and robotics, **particularly on the interdisciplinary areas of intelligence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 biological, bio-inspired, and artificial intelligence, neural networks, fuzzy systems, and evolutionary algorithms, sensing, multi-sensor fusion, localization, data analysis, modeling, planning, and control for various mobile, aerial, and underwater robotic systems; and robot cooperation, teleoperation, and human-machine interactions.

Journal Features

- Gold open access: all published articles are permanently available online.
- First-class editorial team: composed of world-renowned experts such as Prof. Chai Tianyou, Prof. Clarence W. de Silva, Prof. Toshio Fukuda, Prof. Aike Guo, Prof. Deyi Li, *etc.*
- Article processing charges: invited articles enjoy discounted APC.
- Publishing speed: the median time from submission to acceptance is 50 days.

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.
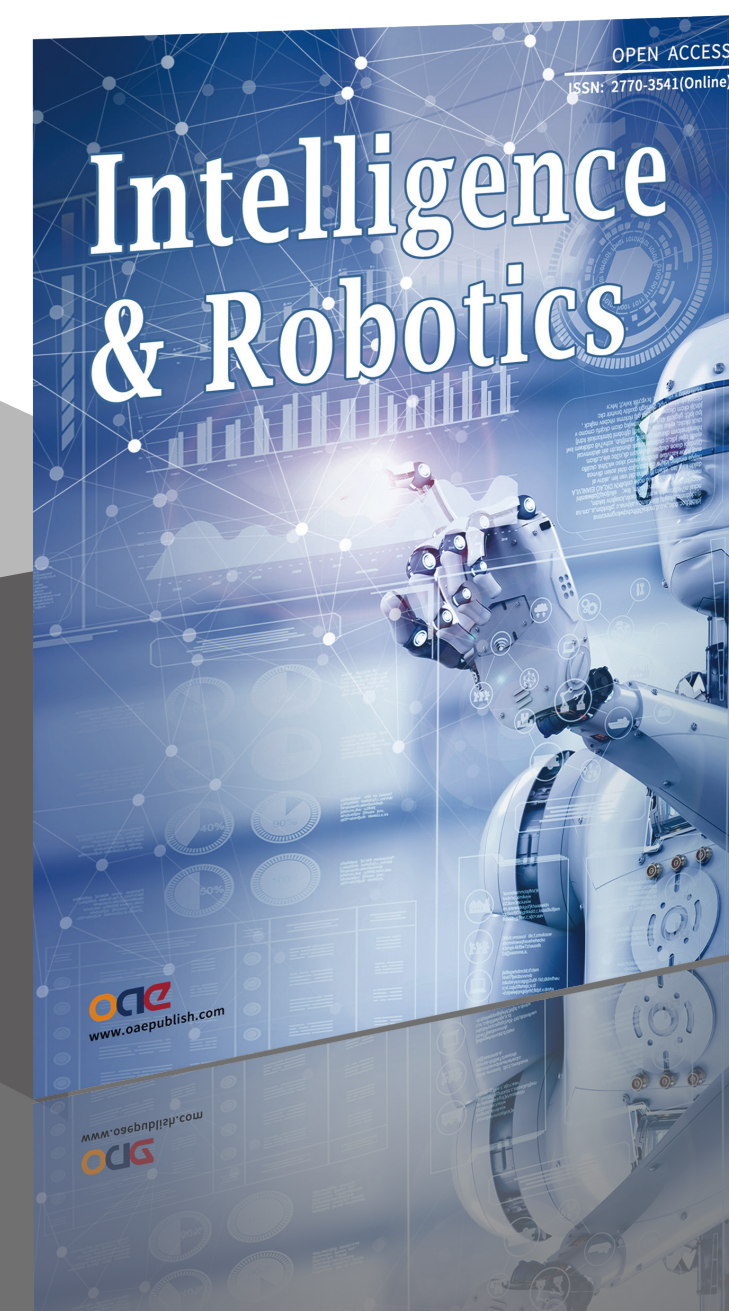
Contact Us

Intelligence & Robotics

Open Access

ISSN: 2770-3541 (Online)

OPEN ACCESS
ISSN: 2770-3541(Online)

Intelligence & Robotics

www.oaepublish.com

■ Special Issues

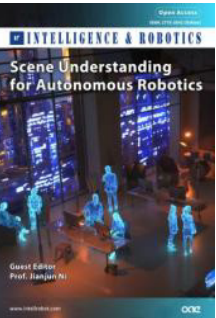**Advances in Human-Assistive Technologies and Human-Robot Interactions**

Guest Editors:
Prof. Jinhua She
Prof. Daisuke Chugo
Prof. Sho Yokota

Intelligence, Optimization, and Safety for Complex Systems

Guest Editors:
Prof. Chen Peng
Dr. Hongtian Chen
Prof. Yiyang Chen
Prof. Jin Zhang
Dr. Chun Liu

Collaborative Robots and Applications

Guest Editor:
Prof. Zhuming Bi
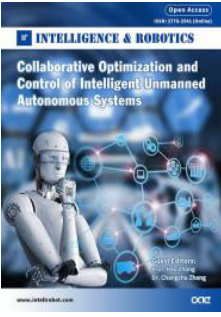
Collaborative Optimization and Control of Intelligent Unmanned Autonomous Systems
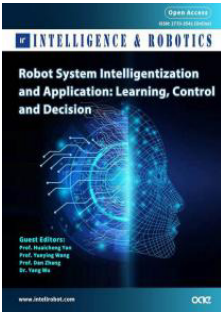
Guest Editors:
Prof. Hao Zhang
Dr. Changzhu Zhang

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. Yueying Wang
Prof. Dan Zhang
Dr. Yang Wu

All special issue manuscripts will undergo the same rigorous peer review as regular submissions

■ Most Cited & Viewed

Federated reinforcement learning: techniques, applications, and open challenges
Jiaju Qi, Qihao Zhou, Lei Lei*, Kan Zheng
https://intellrobot.com/article/view/4325

Bio-inspired intelligence with applications to robotics: a survey
Junfei Li, Zhe Xu, Danjie Zhu, Kevin Dong, Tao Yan, Zhu Zeng, Simon X. Yang*
https://intellrobot.com/article/view/4353

Intelligent robotics - misconceptions, current trends, and opportunities
Clarence W. de Silva
https://intellrobot.com/article/view/4259

Networked scheduling for decentralized load frequency control
Chen Peng*, Hongchenyu Yang
https://intellrobot.com/article/view/5140

Deep learning for LiDAR-only and LiDAR-fusion 3D perception: a survey
Danni Wu, Zichen Liang, Guang Chen*
https://intellrobot.com/article/view/4825

Motion planning and tracking control of unmanned underwater vehicles: technologies, challenges and prospects
Danjie Zhu, Tao Yan, Simon X. Yang*
https://intellrobot.com/article/view/5032

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
https://intellrobot.com/article/view/4630

Rail track condition monitoring: a review on deep learning approaches
Albert Ji, Wai Lok Woo*, Eugene Wai Leong Wong, Yang Thee Quek
https://intellrobot.com/article/view/4477

Formation control of multiple autonomous underwater vehicles: a review
Tao Yan, Zhe Xu, Simon X. Yang*, S. Andrew Gadsden
https://intellrobot.com/article/view/5329

GMAW welding procedure expert system based on machine learning
Xuewu Wang*, Qian Chen, Hao Sun, Xiuwei Wang, Huaicheng Yan
https://intellrobot.com/article/view/5459