electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.6

CITESCORE 5.3

Nonlinear Intelligent Control and Its Applications

Guest Editors:

Prof. Dr. Na Dong
School of Electrical and Information Engineering, Tianjin University, Tianjin 300071, China

Prof. Dr. Xing Fang
The Key Laboratory of Advanced Process Control for Light Industry of the Ministry of Education, Jiangnan University, Wuxi 214122, China

Deadline for manuscript submissions:
closed (15 January 2024)

Message from the Guest Editors

In recent years, with the rapid development of artificial intelligence, robotics, advanced manufacturing, power systems, aerospace, and other fields, traditional control methods cannot meet their requirements of complex dynamic processes. Therefore, a variety of advanced intelligent control methods, such as fuzzy control, data-driven control, neural network control, and learning control, have emerged and achieved successful applications.

The main aim of this Special Issue is to seek high-quality submissions that highlight emerging theories and applications with advanced nonlinear intelligent control and address recent breakthroughs from theoretical and practical aspects.

The topics of interest include but are not limited to:

- Fuzzy control;
- Neural network control;
- Reinforcement learning;
- Model-free control;
- Data-driven control;
- Nonlinear intelligent control: theory and applications;
- Intelligent control algorithms and their applications in power system, robotics, unmanned vehicles, etc.

electronics

IMPACT FACTOR 2.6

CITESCORE 5.3

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
𝕏@electronicsMDPI