electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.6

CITESCORE 5.3

Advanced Robot and Neuroscience Technology

Guest Editors:

Prof. Dr. Hiroki Tamura
Department of Environmental Robotics, Faculty of Engineering, University of Miyazaki, Miyazaki, Japan

Dr. Keiko Sakurai
Department of Environmental Robotics, Faculty of Engineering, University of Miyazaki, Miyazaki, Japan

Deadline for manuscript submissions:
closed (31 March 2023)

Message from the Guest Editors

Robot and neuroscience technology based on computational and engineering approaches, which has been successfully applied to a wide variety of fields such as medicine, provides giant opportunities for the advancement of the application of human–computer interfaces to promote medical research, improve quality of life, and enhance patient safety. Academia generally takes it for granted that findings in robots and neuroscience have greatly promoted the development of artificial intelligence and consequently developed robotic technology. Research which focuses on interdisciplinary fields includes various areas such as artificial intelligence, models, and computational theories of human cognition, perception, and motivation and brain models, artificial neural nets, and neural computing.

This Special Issue on robot and neuroscience technology is primarily interested in serving as a venue for the discussion of innovative technical contributions highlighting applications, systems, and technologies. Contributions in the realm of human-oriented issues might include empirical studies of robot- and neuroscience-related technologies and medicine–engineering cooperation.

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