electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.6

CITESCORE 5.3

Optoelectronics, Energy and Integration

Guest Editors:

Dr. Baiquan Liu
School of Electronics and Information Technology, Sun Yat-Sen University, Guangzhou 510275, China

Prof. Dr. Menglan Lv
School of Chemistry and Chemical Engineering, Guizhou University, Guiyang 550025, China

Dr. Swee Tiam Tan
School of Energy and Chemical Engineering, Xiamen University Malaysia, Jalan Sunsuria, Bandar Sunsuria, Sepang 43900, Selangor, Malaysia

Deadline for manuscript submissions:
20 February 2025

Message from the Guest Editors

The goal of this Special Issue is to cover the recent developments in the field of optoelectronics and energy devices and integrations, including novel concepts, fundamental research, and theoretical results.

Topics of interest include, but are not limited to, the following:

- Synthetic and characterization methodologies for optoelectronics and energy materials
- Novel optoelectronic and energy semiconductors
- Organic, quantum dot, quantum well, perovskite, or other nanocrystal materials
- Working mechanisms of optoelectronic and energy devices
- Integration of optoelectronic devices in display, lighting, communication, and energy harvesting
- Theoretical modeling for materials and devices
- Challenges in development of optoelectronic and energy materials, devices, and integrations

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, 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