

Special Issue

Advanced Materials for Intelligent Electronics

Message from the Guest Editor

The topics of interest encompass a wide range and are not limited to the following:

- Novel synthesis and fabrication techniques of functional materials.
- Characterization and evaluation of chemical and physical properties of materials.
- Applications of the materials in energy-related technologies (e.g., solar cells, batteries).
- The advanced materials for environmental remediation and pollution control.
- The advanced materials for sensing and detection applications.
- Biomedical applications of nanocomposite materials.
- The materials for advanced electronic and optoelectronic devices.
- Multifunctional nanocomposites for diverse applications.
- Theoretical modeling and simulation studies of advanced materials.
- Advances in nanocomposite coatings and surface modifications.
- The advanced materials for additive manufacturing and 3D printing.
- Challenges and future perspectives in the field of advanced materials for intelligent electronics.

These topics serve as a general guideline, and contributions related to other relevant aspects of advanced materials for intelligent electronics are also welcome.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2024)



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About the Journal

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 guestedited by leading experts in selected topics of interest.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).