

Special Issue

Recent Advances in Emerging Semiconductor Devices

Message from the Guest Editor

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

- Evolution of Electronic Properties: The analysis of how structural changes modify electronic characteristics, including bandgap engineering, electron redistribution, and charge carrier mobility;
- Interdependent Property Modifications: The examination of the consequent alterations in optical (e.g., absorption/ spectra), mechanical (e.g., hardness, elasticity), and thermodynamic properties (e.g., thermal conductivity, heat capacity);
- Novel Applications and Device Engineering: The exploration of new applications stemming from tunable material properties, such as advanced sensors, and energy conversion systems for extreme environments;
- Advanced Experimental and Computational Methods: Computational modeling to probe and predict material behavior under extreme conditions.

Guest Editor

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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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