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Recent Advances in Wide Bandgap Semiconductors

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Deadline for manuscript submissions:
closed (31 May 2024)

Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we encourage scholars involved in WBG semiconductors to discuss key topics in the field and submit original articles as well as review articles to this Special Issue.

The subject areas include but are not limited to the following:

- Material growth, including GaN, AlN, SiC, Ga_2O_3, Diamond, etc.;
- Transistors based on WBG semiconductors;
- UV detectors based on WBG semiconductors;
- LED/LD based on WBG semiconductors;
- Novel devices based on WBG semiconductors;
- New processing/technique/design for WBG semiconductors;
- Power electronics circuits based on WBG semiconductors;
- Power amplifiers based on WBG semiconductors;
- MMIC;
- Other electronic or optoelectronic devices based on WBG semiconductors;
- Reliability;
- Novel applications for WBG semiconductors;
- Interdisciplinary research for WBG semiconductors, such as transparent electronics and flexible electronics.

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Editor-in-Chief

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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.

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