



Ultra-Wide Bandgap Semiconductor Materials and Devices

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Ultra-wide Bandgap Semiconductors (UWBG) includes the high-Al-content AlGaN, boron nitrides, diamond, Ga₂O₃, NaYO₂, etc. The applications of UWBG cover ultraviolet optoelectronics, power and RF electronics, detectors, and so on. The study of UWBG has become a new research hotspot because of the wide applications. However, there are many aspects that need to be further investigated. The objective of this Special Issue is to encourage researchers to exchange and share their strategies and achievements in UWBG materials and devices. The scope of the Special Issue includes, but is not limited to, advances in UWBG materials, especially stress and defects control, doping, and device design, mechanism, and fabrication.





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Message from the Editor-in-Chief

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