

Special Issue

New Insights in Semiconductors: Materials, Devices, and Applications

Message from the Guest Editor

To further increase the application potential of nitride LEDs, the use of other regions of the electromagnetic spectrum is highly desirable, and current research activity is particularly focused on two topics: (1) green and red LEDs as compact light sources in the visible wavelength range and (2) UVB and UVC LEDs as compact light sources in the ultra-violet (UV) wavelength range. In both cases, the improvement of LED efficiency is based on developing innovative routes from material growth to the device fabrication process.

We are interested in receiving manuscripts about far-UVC LED module technology, UVB LED module technology, HEMT, power devices, transistors, electronic sensors etc., using p-GaN, AlGaN, BN, SiC, diamond, and Ga₂O₃.

Guest Editor

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Deadline for manuscript submissions

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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 guest-edited by leading experts in selected topics of interest.

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