

## Special Issue

# Optoelectronics, Energy and Integration

### Message from the Guest Editors

The goal of this Special Issue is to cover the recent developments in the field of optoelectronics and energy devices and integrations, including novel concepts, fundamental research, and theoretical results. Topics of interest include, but are not limited to, the following:

☒Synthetic and characterization methodologies for optoelectronics and energy materials ☒Novel optoelectronic and energy semiconductors ☒Organic, quantum dot, quantum well, perovskite, or other nanocrystal materials ☒Working mechanisms of optoelectronic and energy devices ☒Integration of optoelectronic devices in display, lighting, communication, and energy harvesting ☒Theoretical modeling for materials and devices ☒Challenges in development of optoelectronic and energy materials, devices, and integrations

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### Guest Editors

Dr. Baiquan Liu

Prof. Dr. Menglan Lv

Dr. Swee Tiam Tan

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### Deadline for manuscript submissions

20 August 2025



## Electronics

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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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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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