

## Special Issue

# Advances in Si-Based Semiconductor Materials, Devices and Their Optoelectronic Application

### Message from the Guest Editors

This Special Issue aims to cover various aspects of the recent advances in Si-based materials, semiconductor devices and their optoelectronic application, including but not limited to:

- Material design and property
- Material growth and characterization
- Advanced substrate design and development
- Electronic device design and simulation
- Photonic device design and simulation
- Device fabrication and characterization
- Computational optical imaging
- Photoacoustic spectroscopy
- Monolithic optoelectronic integrated chip

### Guest Editors

Dr. Jiuren Zhou

Dr. Xuan Li

Dr. Yuanhao Miao

### Deadline for manuscript submissions

closed (28 February 2023)



## Electronics

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CiteScore 5.3



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*Electronics*  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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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

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

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