

## Special Issue

# Advances in Nanophotonic Sensors, Devices and Functional Applications

### Message from the Guest Editors

The Special Issue is devoted to, but not limited to, the following topics:

- Nanophotonic material and design: theoretical simulation for nanophotonics material, design, and devices.
- Nanophotonic materials, structure, and their fabrication: nanophotonic fabrications, fluorescence materials, metamaterials, organic photonic materials, nano-LED, OLED, low-dimensional materials for nanophotonic, nano-optic, nanoscale photolithography, 3D photolithography, electron beam lithography (EBL), nanostructures and nanoparticles for nanophotonic applications.
- Nanophotonic sensors: LAPS, Optofluidic, plasmonic devices, surface-enhanced Raman spectroscopy (SERS), fiber optic sensor, and photonic crystal.
- Nanophotonic devices: energy harvesting, photovoltaics, photodetectors, phototransistor, nano-gratings, waveguides, artificial photosynthesis materials and devices.
- Nanophotonics integration: optical system, instrumentation optics, and circuit for functional applications in optics and photonics.
- Nanophotonics applications: chemical sensors, gas sensors, biosensors, food quality and safety, environmental monitoring, colorimetry sensing, energy harvesting, and artificial photosynthesis.

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### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2023)



## 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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

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