

## Special Issue

# Advances in Nanophotonic Materials, Devices, and Applications

### Message from the Guest Editors

Over the past few decades, the field of micro/nanophotonics has seen tremendous growth, driven by the continuous advancements in the design and fabrication of photonic devices at micro- and nano-scales. These devices have found applications in a wide range of areas, including telecommunications, medical imaging, sensing, quantum computing, and environmental monitoring. In light of these developments, we invite you to contribute your original research articles, review papers, and short communications that showcase the latest breakthroughs and applications of nanophotonics devices, materials, and applications. We are particularly interested in papers that address the following device's themes: experimental and modeling advances in micro/nano-structured optoelectronics and photonics devices, including LEDs, solar cells, photodetectors, metasurfaces, silicon photonics devices, lasers, and flat optics devices. Areas of interest include, but are not limited to, nanomaterials, micro/nanostructures, nanofabrication, micro/nanodevices and applications, and simulation works.

### Guest Editors

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### Deadline for manuscript submissions

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## Materials

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## About the Journal

### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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