

Special Issue

Advances in Micro and Nano-Photonics: Emerging Materials and Applications

Message from the Guest Editors

The field of micro and nano-photonics is rapidly evolving, driven by the development of innovative materials and devices that operate at increasingly smaller scales. This special issue focuses on giving a comprehensive overview of latest advances in micro- and nano-photonics, with a particular emphasis on emerging materials, meso and nano photonics, and novel applications. Together, will also explore the potential of these emerging research areas to revolutionize industries such as healthcare and environmental monitoring. We invite you to contribute your cutting-edge results to this issue, highlighting the promising future of micro- and nano-photonics in fundamental research and practical applications.

- nanoparticle
- microparticle
- emission
- laser
- chirality
- anisotropy
- sensor
- diagnostics
- biomedicine
- light-matter interaction
- optical manipulation

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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