Special Issue

Bio-Integrated Photonic Materials and Devices

Message from the Guest Editor

This Special Issue focuses on presenting original research in bio-integrated photonic materials and devices, with special emphasis on the design and development of soft organic and inorganic photonic materials; flexible/soft optoelectronics; wearable and implantable photonics; as well as their biomedical applications to advance our knowledge and capability in healthcare, brain–machine interfaces, and disease diagnostics/therapeutics. Researchers from interdisciplinary fields such as biomedical engineering, materials science, mechanical engineering, and electrical engineering are invited to submit their contributions to this Special Issue. Topics include but are not limited to the following:

- Flexible/stretchable bioelectronics;
- Implantable photonics;
- Wearable photonics;
- Biodegradable photonics;
- Multifunctional optical biointerfaces;
- Nano-bio photonic interfaces;
- Biophotonic actuators and sensors;
- Optical characterizations of biological systems;
- Bioinspired and biomimetic photonic materials.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2021)

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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.

Editor-in-Chief

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