Special Issue

Organic and Hybrid Optoelectronic Materials and Devices

Message from the Guest Editors

This Special Issue aims to publish state-of-the-art unpublished works exploring the use of organic and hybrid materials in various optoelectronic devices. Topics will include, but are not limited to, novel organic and hybrid optoelectronic materials, new organic and hybrid optoelectronic nanostructures, detailed discussions about the interfaces within the organic and hybrid optoelectronic devices, advanced organic and hybrid optoelectronic device physics; nonclassical configurations of organic and hybrid optoelectronic devices, synthesis and/or self-assembly of hybrid halide perovskites and colloidal nanocrystals, thin films and single crystals of low-dimensional perovskites, and hybrid perovskite-related photoferroelectrics. Submissions on the molecular structures, synthesis methods, and physicochemical and optoelectronic properties of lead-free hybrid perovskites are also welcome.

- organic solar cell
- organic photodetector
- OLED
- perovskite solar cell
- perovskite laser
- perovskite photodetector
- perovskite LED

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Deadline for manuscript submissions

closed (20 April 2024)

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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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