Special Issue

Organic Photodetectors, Displays, and Upconverters

Message from the Guest Editors

Organic optoelectronic materials offer unprecedented opportunities for the development of devices with functionalities such as detection, light emission, and upconversion due to their fascinating advantages, which include their low cost, lightweight, mechanical flexibility, and biocompatibility. Over the past few decades, organic photodetectors, electroluminescence displays, and upconverters have garnered significant attention. This Special Issue aims to gather summaries of recent and noteworthy studies and track the latest research in the rapidly evolving field of organic optoelectronics. The scope of this Special Issue includes, but is not limited to, the synthesis and modification of organic semiconductor materials, the analysis and exploration of operational mechanisms, and the optimization and design of devices for applications such as detectors, light-emitting diodes, and upconverters. Contributions can take the form of research articles or reviews that highlight breakthroughs in fundamental scientific research and technological advancements for industrial applications.

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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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