

Special Issue

Advanced Photodetectors: Materials, Design and Applications

Message from the Guest Editors

We invite researchers in the field of photodetectors to submit their innovative work for consideration in our upcoming Special Issue "Advanced Photodetectors: Materials, Design, and Applications". This Special Issue aims to provide a platform for showcasing cutting-edge advancements in photodetector technology. We encourage submissions related to:

- **Materials:** Explore novel materials that are revolutionizing photodetection, from traditional semiconductors to emerging nanomaterials and organic compounds.
- **Design:** Present your research on innovative photodetector designs, including plasmonic structures, quantum dot-based architectures, and beyond.
- **Applications:** Demonstrate the practical relevance of advanced photodetectors in various domains, such as optical communications, imaging, remote sensing, and biomedical applications.

By submitting your contributions to this Special Issue, you will join a dynamic community of experts pushing the boundaries of photodetector technology. Your research will help bridge the gap between materials science, design innovation, and practical applications.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2025)



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