Special Issue

Advanced Photodetector Based on Multifunctional Material

Message from the Guest Editors

Owing to the capability of converting light into electrical signals, photodetectors have received extensive attention and have been applied in various fields, including industrial production, military affairs, biochemical detection, optical communication, and scientific research.

This Special Issue requests the submission of both review and original research articles related tomultifunctional photodetectors. Topics include but are not limited to the following:

- photodetectors based on 2D materials
- multifunctional nanoscale device
- organic photodetectors
- multifunctional 2D materials for chemical and biological agent detection
- heterojunctions for ultrasensitive photodetectors
- multifunctional composite materials
- metal-halide perovskite optoelectronics applications
- single-photon detectors
- broadband photodetectors

If you want to learn more information, please contact .

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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