



Ultrasensitive Photodetectors and Applications

Guest Editor:

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Deadline for manuscript
submissions:

closed (1 March 2022)

Message from the Guest Editor

In this Special Issue, we are interested in the research works on ultrasensitive photodetectors using emerging materials, or detectors with new designs. Also, new or special applications that require photosensors with a high sensitivity are within the scope of this Special Issue. Studies related to the lifetime and performance of new or conventional sensitive photodetectors will also be considered.

The topics to be covered in this Special Issue are as follows:

- Phototransistors
- Photodiodes
- Photoresistors
- Rectana-based sensors
- Photoelectrochemical sensors
- Perovskite-based photosensors
- Graphene-based photodetectors
- Organic photosensors
- Reaction center-based photodetectors
- Photosynthetic materials for light detection
- Piezo-photonic sensors
- Broad and narrow bandwidth photodetectors
- Ultrasensitive photo-spectroscopy
- Night vision cameras
- Stability and lifetime of photosensors

Welcome to contribute.





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Editor-in-Chief

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Message from the Editor-in-Chief

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