# **Special Issue**

# Ultrasensitive Photodetectors and Applications

## 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.

## **Guest Editor**

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## Deadline for manuscript submissions

closed (1 March 2022)



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## Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

#### Editor-in-Chief

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