

# Special Issue

## Photodetectors

### Message from the Guest Editor

The special issue on photodetectors intends to cover state of the art in detection of light, broadened to include electromagnetic radiation such as x-ray and THz radiation, as well as particle detection. Papers are solicited which deal with all aspects of absorption of light in different media and structures, generation of carriers or other forms of interaction of light with the medium, such as plasmon resonance, and transport, collection, and generation of electric signal resulting from this optical excitation. Of special interest is structures with sub-wavelength dimensions such as quantum dots and wires, two-dimensional systems such as graphene or 2D electron or hole gasses, and arrays of such systems such as photonic bandgap materials. Regular research articles as well as review articles are welcome. Prof. Dr. Bahram Nabet

### Guest Editor

Prof. Dr. Bahram Nabet

Electrical and Computer Engineering Department, College of Engineering, Drexel University, 3141 Chestnut Street, Philadelphia, PA 19104-2875, USA

### Deadline for manuscript submissions

closed (31 May 2013)



## Sensors

an Open Access Journal  
by MDPI

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/2143](http://mdpi.com/si/2143)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

[mdpi.com/journal/  
sensors](http://mdpi.com/journal/sensors)





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)



## About the Journal

### Message from the Editor-in-Chief

*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.

---

### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

#### Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)