

Special Issue

Sensors and X-ray Detectors

Message from the Guest Editor

Medical and industrial imaging systems including X-ray sources provide us with the ability to look inside a subject. Recent developments have led to widespread research in the field of sensor and X-ray detector technologies, such as flat-panel, CMOS, semiconductor, photon counting, etc., in combinations of various types. In addition, research using Monte Carlo simulation for the pre-modeling of sensors and detectors is also actively being conducted. This Special Issue will highlight state-of-the-art sensor and detector modalities and applications in various imaging fields. Both research papers and systematic review articles will be considered. Contributions addressing the subsequent list of keywords will be considered.

Guest Editor

Prof. Dr. Youngjin Lee

Department of Radiological Science, Gachon University, 191, Hambakmoe-ro, Yeonsu-gu, Incheon, Republic of Korea

Deadline for manuscript submissions

closed (31 October 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
Indexed in PubMed



mdpi.com/si/54772

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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





Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 9.4
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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)