

Topical Collection

Sensors and Sensing Technology for Industry 4.0

Message from the Collection Editors

The year 2021 is the 10th anniversary of the coining of the term “Industry 4.0”. For the past decade, Industry 4.0 has been addressed as one of the megatrends in production/manufacturing, and in other fields of industry. Although certain industrial sectors benefit from it more than others, the crucial impact of Industry 4.0 on the global economy is undisputed. This is especially true since companies have been able to collect and analyze unprecedented quantities of data, owing to the use of sensors (particularly smart sensors), monitoring instrumentation, accompanying devices and equipment (e.g., microprocessors or communication units), which make it possible to convert measurements into a readable signal simply by means of sensing technology. This invites researchers and industry representatives in the global communities of IT, transportation, logistics, and production to contribute original research papers, review articles, and empirical studies to stimulate the debate within the scope of examinations on the application of sensors and sensing technologies, robotics, and automation, addressed in the keywords below.

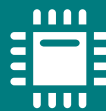
Collection Editors

Dr. Mariusz Kostrzewski

Faculty of Transport, Warsaw University of Technology, Warsaw, Poland

Prof. Dr. Jorn Mehnert

Design, Manufacturing and Engineering Management Department, The University of Strathclyde, Glasgow G1 1XJ, UK



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed



mdpi.com/si/104397

Sensors

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 3.4
CiteScore 7.3
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 (Chemistry, Analytical) / CiteScore - Q1 (Instrumentation)