



sensors



an Open Access Journal by MDPI

Electronic Materials and Sensors Innovation and Application

Guest Editors:

Prof. Dr. Sheng-Joue Young

Prof. Dr. Liang-Wen Ji

Dr. Yi-Hsing Liu

Dr. Stephen D. Prior

Dr. Zi-Hao Wang

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

The 9th IEEE International Conference on Applied System Innovation 2023 (IEEE ICASI 2023, <https://2023.icasi-conf.net/>) will be held in Chiba, Tokyo, Japan on April 21–25, 2023, and will provide a unified communication platform for a wide range of topics. The scopes of iTIKI IEEE ICASI 2023 not only encompass material sizes at the nanoscale, but also various dimensions where the onset of size-dependent phenomena usually enables novel applications.

This Special Issue selects excellent papers from iTIKI IEEE ICASI 2023 and covers fundamental materials of electrical and optical engineering, including their synthesis, engineering, integration with many elements, designing of electrical or optical devices, evaluation of various performances, and exploring their broad applications, such as in industry, environmental control, material analysis, etc. We invite investigators to contribute original research articles, as well as review articles, that will stimulate continuing efforts to understand microelectronic and optical sensors.

Prof. Dr. Sheng-Joue Young

Prof. Dr. Liang-Wen Ji

Dr. Yi-Hsing Liu

Dr. Zi-Hao Wang

Dr. Stephen D. Prior



mdpi.com/si/95794

Special Issue



sensors



an Open Access Journal by MDPI

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

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.

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 & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)