



sensors



an Open Access Journal by MDPI

Thin-Film Materials and Nanostructure Devices Applicable for Sensing

Guest Editors:

Dr. Mohammad Nur-E-Alam

Electron Science Research
Institute, School of Science, Edith
Cowan University, Joondalup
6027, WA, Australia

Dr. Mikhail Vasiliev

Electron Science Research
Institute, School of Science, Edith
Cowan University, 270 Joondalup
Drive, Joondalup, WA 6027,
Australia

Dr. Mohsin Ali Badshah

Department of Chemical and
Biomolecular Engineering,
University of California, Irvine, CA,
USA

Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue is open to contributions in the field of thin-film materials and nanostructures suitable for various practical applications, ranging from sensing, energy generation, imaging, biomedicine, and decorative coatings to protective coatings. Establishing a set of processes for the manufacture and characterization of advanced nano-engineered material systems is important for several existing and frontier technologies. Thin-film advanced material systems as well as the customized nanofabrication process sequences will enable the demonstration of next-generation innovative components suitable for the development of cost-effective and forward-looking nanostructures and devices. In addition, materials' stability and functionality together with their availability and production costs bring the necessity of diverse research works in this field.

More information please visit [here](#)

Dr. Mohammad Nur E Alam

Dr. Mikhail Vasiliev

Dr. Mohsin Ali Badshah

Guest Editors



mdpi.com/si/51595

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 and Instrumentation) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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