

Special Issue

Advances in Semiconductor Materials for Sensors and Devices

Message from the Guest Editor

We cordially invite you to submit your research work to our Special Issue: “Advances in Semiconductor Materials for Sensors and Devices”. We are facing an increased need for the development of novel sensors and devices, which are important for practically all fields of our lives. Semiconductor materials are the basis of modern technology, and advancements in their engineering are important drivers for the development of novel sensors and other technologies. This Special Issue aims to collect novel research results related to advances in semiconductor materials for sensors and other devices. The scope of this Special Issue is to present the latest theoretical and experimental research related to the preparation, engineering and application of semiconductor materials in sensors and devices. In particular, the topics of interest include, but are not limited to: - Preparation and properties of novel bulk and nanostructured semiconductor materials; - Application of semiconductors in sensors and devices; - Modelling and engineering of semiconductor-based materials and devices.

Guest Editor

Dr. Maja Mičetić
Ruđer Bošković Institute, Bijenička cesta 54, Zagreb 10000, Croatia

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

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Message from the Editorial Board

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editors-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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