

Special Issue

Advances in Materials Science and Their Applications in Sensing, Electronics and Monitoring

Message from the Guest Editors

This Special Issue aims to compile cutting-edge research that explores the multifaceted aspects of materials science, with a particular emphasis on sensing materials, electronic information systems, ecological applications, and related interdisciplinary fields. By combining research on fundamental material properties with research on practical applications, this collection seeks to highlight the pivotal role that advanced materials play in addressing contemporary challenges and fostering sustainable development. We invite submissions that delve into, but are not limited to, the following areas:

- The synthesis and characterization of advanced materials;
- Sensing materials and technologies;
- Electronic and information materials;
- Ecological and environmental applications;
- Interdisciplinary applications.

This Special Issue aims to accelerate the translation of material innovations from the laboratory to the real world, ultimately contributing to technological advancement and environmental sustainability.

Guest Editors

Prof. Dr. Zhiqiang Su

Dr. Xiaoyuan Zhang

Dr. Zhichao Wang

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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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About the Journal

Message from the Editor-in-Chief

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.

Editor-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

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