Special Issue

Advances in Functionalized Nanomaterials for Sensing Applications

Message from the Guest Editors

Advanced Functionalized Nanomaterials are crucial Sensing Applications. Their amazing diversity means that they are widely used in the field. Due to their unique properties, they have emerged as key materials in energy storage devices and biosensors. They have excellent properties, such as a high energy density, sensing power, power density, cyclic stability, flexibility, and sustainability. The goal of this Special Issue "Advances in Functionalized Nanomaterials for Sensing Applications" is to the highlight advanced applications of innovative materials nanostructures to sensors and biosensors that display outstanding performances. The papers might consider, but will not be exclusively limited to, advanced binders for electrodes, advanced electrolytes, or redox materials. We hope you will contribute an incredible paper. The deadline for submissions is 10 July 2024. We look forward to receiving a reply.

Guest Editors

Prof. Dr. Hasi Rani Barai

Dr. Madhusudan Roy

Dr. Md. Mahbubur Rahman

Deadline for manuscript submissions

closed (10 July 2024)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/181871

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

mdpi.com/journal/materials

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/journal/materials

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

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, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)

MDPI