



an Open Access Journal by MDPI

Nanocomposites as Green Catalysts

Guest Editor:

Dr. Mona Kohantorabi

Center for X-ray and Nano
Science (CXNS), Deutsches
Elektronen-Synchrotron (DESY),
Notkestr. 85, 22607 Hamburg,
Germany

Deadline for manuscript
submissions:

10 November 2024

Message from the Guest Editor

Dear Colleagues,

We are delighted to announce this Special Issue in our journal focused on the exciting topic of "*Nanocomposites as Green Catalysts*". This Special Issue is dedicated to the dissemination of research papers, comprehensive reviews, and insightful perspectives centered around nanocomposite materials and their role in catalyzing environmentally sustainable reactions. Nanocomposites, through their unique structure and large surface area, serve as efficient and eco-friendly catalysts, facilitating chemical processes. Their utilization minimizes waste generation and energy consumption, aligning with the principles of sustainable chemistry. With an emphasis on harnessing the synergistic properties of nanomaterials, researchers have an extraordinary opportunity to pioneer innovative solutions aimed at mitigating pressing environmental concerns.

We encourage you to showcase your research and contribute to this collective effort towards a more sustainable and environmentally friendly world. We look forward to receiving your papers and making this Special Issue a resounding success.



mdpi.com/si/204375

Special Issue



an Open Access Journal by MDPI

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

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.

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

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)