

Special Issue

State-of-the-Art Nanomaterials for Energy Storage/Conversion and Electrocatalysis in Asia

Message from the Guest Editor

Recent technological innovations have increased the widespread application of various energy storage/conversion and catalysis fields. Rational design and synthesis of state-of-the-art nanomaterials are significant for achieving desired material properties for a variety of applications mentioned above. With this Special Issue, we aim to collect recent research studies developed in the scientific community of Asia, related to new nanomaterials applied to energy storage/conversion and/or as electrocatalytic materials. All related studies are suitable to submit to this Special Issue if they have been mainly carried out in Asia or by Asian researchers. Any international collaborative research with Asian researchers is also welcome. Another aim of this Special Issue, apart from introducing state-of-the-art research on the topic “Nanomaterials for Energy Storage/Conversion and Electrocatalysis in Asia”, will be to promote collaborative investigations among international researchers in the Asian area.

Guest Editor

Dr. Tai-Feng Hung

Battery Research Center of Green Energy, Ming Chi University of Technology, New Taipei City, Taiwan

Deadline for manuscript submissions

closed (31 December 2023)



Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/160998

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

[mdpi.com/journal/
nanomaterials](https://mdpi.com/journal/nanomaterials)





Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



[mdpi.com/journal/
nanomaterials](https://mdpi.com/journal/nanomaterials)



About the Journal

Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

School of Geography, Earth and Environmental Science, University of
Birmingham, Birmingham B15 2TT, UK

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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q1 (General
Chemical Engineering)