



an Open Access Journal by MDPI

Functional Nanohybrid Material for Electrochemical Sensor Development

Guest Editor:

Prof. Dr. Nor Azah Yusof

Chemistry Department, Faculty
of Science, Universiti Putra
Malaysia, Selangor 43400,
Malaysia

Deadline for manuscript
submissions:
closed (31 July 2022)

Message from the Guest Editor

Dear Colleagues,

The main focus of this Special Issue is on the development of electrochemical sensor-based combinations of materials such as nanowires, nanorods or any nanostructures combined with functionalized material, for example, polymer/metal–organic frameworks for better sensitivity and selectivity, as well as the application of sensors preferably on medical diagnostics, the environment, and agriculture.

Prof. Dr. Nor Azah Yusof
Guest Editor



mdpi.com/si/77293

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Shirley Chiang

Department of Physics, University
of California Davis, One Shields
Avenue, Davis, CA 95616-5270,
USA

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.

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, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (General Chemical Engineering)

Contact Us

Nanomaterials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/nanomaterials
nanomaterials@mdpi.com
[X@nano_mdpi](https://x.com/nano_mdpi)