Special Issue

Novel Nanocomposites: Optical, Electrical, Mechanical and Surface-Related Properties (2nd Edition)

Message from the Guest Editors

The present Special Issue aims to address a broad range of subjects, from nanocomposite synthesis/fabrication, to the design and characterization of various nanocomposite materials with enhanced optical, electrical, mechanical, and surface-related properties, to the practical application of nanocomposites. The format of welcome articles includes original full papers, communications, and reviews. Potential topics include, but are not limited to, the following:

- Nanocomposite materials with enhanced optical properties;
- Nanocomposite materials with enhanced electrical properties;
- Nanocomposite materials with enhanced surface related properties;
- Nanocomposite materials with enhanced mechanical properties.

See more information in https://mdpi.com/si/182009

Guest Editors

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Prof. Dr. Emmanouel Koudoumas

Deadline for manuscript submissions

closed (30 October 2024)

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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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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