Special Issue

Nanobiocomposite Materials: Synthesis, Properties and Applications

Message from the Guest Editor

The scope of this Special Issue is to illustrate the most recent research on the production, characterization, properties, and broad applications of nanobiocomposites, as well as to cover the current challenges and opportunities in their medical acceptance.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: nanotechnology, metallic, ceramic and polymeric nanobiocomposites, preparation, surface modification, structure, corrosion, electrochemical and mechanical properties, biocompatibility and bioactivity, biomedical applications, and medical implants.

Guest Editor

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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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