

Special Issue

Nanocomposite Materials— Spotlight on Early Career Investigators

Message from the Guest Editor

There is a new generation of researchers in the field of nanomaterials development. Nanocomposite materials are those that contain constituents that are on the length scale of nanometers, such as carbon nanotubes, nanoparticles, or nanosheets. These materials hold much promise in the materials researcher community because of their potential for mechanical, thermal, and electrical properties that surpass those of state-of-the-art composites. With the rapid advancement of new material processing, characterization, and modeling techniques, new discoveries in nanomaterials are faster than ever. These new materials are being used for a wide range of applications, including electronics, biomechanics, medicine, and aerospace. This Special Issue features young researchers from around the world making important contributions to the advancement of nanomaterials using state-of-the-art techniques.

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.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

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