

Special Issue

Advance in Nanostructured Polymers

Message from the Guest Editor

Nanostructured polymers are a remarkably interesting class of materials suitable for an incredibly diverse range of applications depending on the polymers used, whether they are doped, and also the solvents used in the fabrication process. Nanostructured polymers are certainly a unique class of materials that can take on different functional forms. This Special Issue aims to address the latest research devoted to exploring the potential to develop new and novel nanostructured polymers, to explore the materials processing required and the methods used to evaluate their intrinsic characteristics, as well as to analyse their functionality for a diverse range of applications. Research articles focusing on the development of novel biocompatible nanostructured polymers that can be applied in environmental, health, and life sciences and bioinspired soft robotics are especially welcome. Nanostructured polymers that can be developed for larger-scale applications are strongly encouraged.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2023)



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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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