

Special Issue

Nanocomposites for Catalysis and Environmental Protection

Message from the Guest Editor

To avoid agglomeration of the nanoparticles, improve the performance and decrease the cost, a nanocomposite was suggested for replacing nanoparticles. As a consequence, various supports including metal oxides, carbon, clay minerals, etc., have been explored. The role of additives is taken into consideration. The interaction between support or additive and the active composite determines the performance, including catalytic activity, adsorption performance, and so on. The Special Issue focuses on the research or application of nanocomposites in improving catalytic activity and favoring environmental protection. Environmental catalysis and energy conversion are very important in coping with the changing global climate and protecting the environment. A catalyst plays a key role in affecting the process of catalytic conversion. Furthermore, nanocomposites also play a crucial role in adsorption, enrichment and environmental detection. We cordially invite authors to contribute original research articles and review articles covering the current progress on nanocomposites for catalysis and environmental protection.

Guest Editor

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Deadline for manuscript submissions

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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

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