Special Issue

Multifunctional Applications of Nanoparticle Catalysts in Environmental Catalysis and Energy Conversion

Message from the Guest Editor

We are pleased to announce the launch of this Special Issue, entitled “Multifunctional Applications of Nanoparticle Catalysts in Environmental Catalysis and Energy Conversion”. This issue is dedicated to the advancement of nanoparticle catalysts, which are pivotal in the realms of environmental and energy catalysis, material science, biocatalytic systems, and sustainability. It aligns with the urgent global need for innovative solutions that address environmental challenges and enhance energy efficiency. We invite researchers, scientists, and engineers to contribute their groundbreaking work to this Special Issue. Together, we can drive forward the development of nanoparticle catalysts that have the potential to transform how we approach environmental challenges and energy generation. The potential topics of interest include, but are not limited to, the following:
Characterization of Catalyst Properties
Structural–Performance Correlations Applications in Sustainable Catalysis Broader Reach of Nanomaterials

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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