

Special Issue

Applications of Nanomaterial in Photocatalysis

Message from the Guest Editors

Photocatalysis has emerged as a key technology for sustainable development, addressing critical challenges in energy conversion and environmental remediation. This Special Issue aims to showcase the latest advancements in nanomaterials applied to photocatalysis, encompassing their synthesis, characterization, and performance in various photocatalytic systems. Topics of interest include the development of innovative photocatalytic reactors, mechanisms of photocatalytic reactions, and applications in water and air purification, hydrogen production, and solar energy conversion. We invite researchers and experts in the field to contribute original research articles and comprehensive reviews that expand the understanding and optimization of nanomaterial-based photocatalysts for real-world applications. Join us in advancing this crucial area by submitting your work to this Special Issue.

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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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