Special Issue

Visible Light-Driven Nano-Photocatalysts for Environmental and Energy Applications

Message from the Guest Editors

This Special Issue of the journal *Nanomaterials* aims to showcase the latest research status of visible light-responsive nano-photocatalysis applied in the fields of environment and energy. Since the 1970s, this field has been booming. The pioneering work includes the preparation of visible light-responsive nano-photocatalysts and their applications in the environmental and energy fields, which have continuously developed and undergone innovation over the past two decades. In this Special Issue, we have invited top teams in this field to contribute articles with the aim of presenting a comprehensive and balanced view of the current latest research progress in this discipline.

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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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