Special Issue

Environmental Applications of New Functional Engineering Nanomaterials

Message from the Guest Editors

In the face of major national scientific and technological needs, aiming at the national "double carbon" and "rural revitalization" strategic goals, the environmental application and technological innovation breakthrough of new functional engineering nanomaterials for water pollution control is an important scientific and technological guarantee to fight the battle for blue water. The Special Issue concerns building new methods and principles for the efficient purification of new pollutants based on solar energy and atmospheric oxygen and other green energy sources; revealing the interaction mechanism of the three elements of process, effectiveness, and mechanism of environmental chemistry of new pollutant control; forming a long-term mechanism of new pollutant treatment, etc. See more information at: https://www.mdpi.com/si/178217

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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.

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