

Special Issue

Advanced Nanomaterials for Environmental Remediation

Message from the Guest Editor

The “Advanced nanomaterials for environmental remediation” Special Issue aims to develop the synthesis of advanced nanomaterials applicable for the elimination of contaminants or pollutants from environmental media such as water (groundwater, seawater, wastewater, etc.) as well as soil and air. The following areas are welcome in the issue. 1. Synthesis of adsorbents or catalysts based on the nanostructured materials in the degradation/removal of pollutants such as toxic organic materials, heavy metal ions, microparticles, microplastics, etc. 2. Development of nanostructures applicable for oil/water separation, oily wastewater treatment, crude oil adsorption, etc. 3. Synthesis of photocatalysts active under visible light.

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2022)



Nanomaterials

an Open Access Journal
by MDPI

Impact Factor 4.3
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/64936

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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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