Special Issue

Photocatalytic Nanomaterials for Pollutant Remediation

Message from the Guest Editor

The “Photocatalytic Nanomaterials for Pollutant Remediation” Special Issue aims to collect articles regarding the preparation of new photocatalysts as powders or thin films (bare and loaded semiconductors or materials obtained by coupling different semiconductors) for the abatement of pollutants present both in gas-phase and in aqueous solutions. Research concerning the modelling and development of new photoreactors, including solar photoreactors, for pollutants remediation will be also considered for publication. Articles concerning the degradation of emergent micro- or nano-pollutants, like drugs or PFAS, will be particularly welcome; on the contrary, articles reporting the degradation of dyes, even for testing new materials, will be not considered.

Guest Editor

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Deadline for manuscript submissions

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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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