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Novel Nanomaterials for Renewable Energies and Technical Applications

Guest Editor:

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Deadline for manuscript submissions:
closed (20 May 2024)

Message from the Guest Editor

Renewable energy sources are resilient during global crises and result a key asset in the world future energy scenario. Nanotechnologies have a tremendous potential in improving efficiency, mitigating weaknesses, and promoting the penetration of renewable energy sources, increasing the resilience of the energy system.

The present Special Issue aims to collect outstanding contributions in the broadest field of the development of nanomaterials for renewable energies exploitation and in their technical applications. Both original research articles and reviews are welcome.

We are pleased to invite you to submit your manuscript to this Special Issue through the webpage of *Nanomaterials*. Manuscripts should be submitted online before 30 October 2023. We would very much appreciate it if you could let us know your interest in contributing to the paper at your earliest convenience.

We look forward to receiving your contributions.

Dr. Elisa Sani
Guest Editor

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Editor-in-Chief

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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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