



Mechanochemistry and Nanotechnology

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Message from the Guest Editor

This Special Issue aims to collect scientific knowledge and examinations of all the “mechanochemists” conducting investigations in the field of Mechanochemistry and Nanotechnology covering all aspects from inorganic and organic mechanochemical synthesis, elucidation of the mechanism of the mechanochemical reactions, metal–organic frameworks, nano-structured semiconductors and advanced synthesis of nanomaterials for solar cells, thermoelectrics, energy, hydrogen storage, biological and environmental applications, crystal engineering, industrial application of mechanochemistry in nanotechnology, and development of new approaches and methodologies.





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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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