Special Issue

Nano-Manipulation

Message from the Guest Editor

This Special Issue of *Nanomaterials* devoted to nanomanipulation is intended to attract researchers and engineers in a wide variety of emerging fields, including smart nanomaterial development, mechanical nanotools and nano-manipulation system design and new approaches to the study of nanomaterials and nanomanufacturing based on 3D nano-manipulation and bottom-up nanointegration. The Special Issue also hopes to attract studies on the current progress in the development of practical nanorobotic systems which have recently succeeded in the demonstration of automatic processes of 3D nano-manipulation, nanointegration and nanomanufacturing.

Guest Editor

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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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