Special Issue

Design, Fabrication and Applications of Nanoporous Materials

Message from the Guest Editors

Scientific quests and engineering applications have aroused a great deal of attention in the design and fabrication of nanoporous materials for various applications. This Special Issue seeks to highlight the current state of the art in the design, fabrication, and characterization of nanoporous surfaces/materials of various material types, including ceramics, metals, and polymers for the various scientific and engineering applications. It is our pleasure to invite you to submit a manuscript for this Special Issue. Original research papers and review articles are all welcome. See more information in https://www.mdpi.com/si/85356

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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. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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