



Porous Materials and Structures

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Message from the Guest Editors

Dear Colleagues,

With the rapid development of industrial technology, the demand for lightweight, energy-absorbing, and multi-functionalities is increasing in many fields. Porous structural-functional materials have entered the field of vision due to their lightweight, high specific strength, high stiffness, and large specific surface area.

This Special Issue aims to provide a platform for researchers around the world to focus on porous materials and structures. Topics of interest include, but are not limited to, the following themes:

1. Innovative porous materials.
2. Fabrication, characterization, functionalization, and use of porous materials in different applications.
3. Advanced manufacturing approaches and processing, including additive manufacturing techniques of porous materials.
4. Novel characterization methods and approaches, such as 3D imaging and reconstruction.
5. Simulation/optimization properties of porous materials.
6. Metamaterials and applications.

It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, short communications, and reviews are all welcome.

Dr. Weibin Wen

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Guest Editors





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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