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Porous Materials and Advanced Manufacturing Technologies

Guest Editor:

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Deadline for manuscript
submissions:

closed (10 July 2023)

Message from the Guest Editor

Given the high level of research interest and importance of porous materials, this Special Issue of *Materials* will focus on the rapid publication of high-quality, peer-reviewed papers on the synthesis, processing, characterization, and evaluation of porous materials, as well as the wide range of types and applications of porous materials. Besides, special emphasis will be devoted to new fabrication methods, new properties, and new applications of porous materials, and how this impacts many different technologies.

This Special Issue aims to cover research of relevance to, without being limited to, the following themes:

- Innovative porous materials (inorganic, organic, hybrids).
- Fabrication, characterization, functionalization, and use of porous materials in different applications.
- Advanced manufacturing approaches and processing, including additive manufacturing techniques of porous materials.
- New characterization methods and approaches, such as 3D imaging and reconstruction.
- Simulation/optimization properties of porous materials.



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It is our pleasure to invite you to submit a manuscript for this Special Issue.

Special Issue



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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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