

## Special Issue

# Advances in Porous Materials for Energy Storage

### Message from the Guest Editors

Porous materials, solids with pores sizes ranging from below 1 nm up to more than 50 nm, have been the subject of investigation for several years because of their unique size-related properties and versatility in many fields of science and technology, attracting great interest from both academia and the industry. Examples of porous materials include carbon-based structures (e.g., activated carbon, carbon nanotubes, fullerene), zeolites, pillared materials, and organosilicates, amongst numerous others. Novel synthesis methods are constantly being developed mainly to customize materials and to enhance their performance and, as a second step, to make their synthesis both industrially and environmentally friendly. For this Special Issue, we welcome contributions in the form of research papers, communications, and reviews from all areas of porous materials. Topics include but are not limited to recent research and new trends in the synthesis of porous structures as well as the development of advanced multifunctional materials and their use in energy and environmental applications.

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### Guest Editors

Dr. Alfonso Policicchio

Dr. Rossella Grillo

Dr. Oreste De Luca

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### Deadline for manuscript submissions

closed (31 October 2021)



## Applied Sciences

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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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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