

## Special Issue

# Nanostructured Materials: From Surface to Porous Solids, 2nd Edition

### Message from the Guest Editor

In this Special Issue, contributions in the form of research papers, communications, and reviews are welcome from all areas of research on porous solid and 2D materials. Topics include, but are not limited to, recent research and new trends in the synthesis of porous structures, the development of advanced multifunctional materials, and in their use for energy and environmental applications, such as the conversion of gaseous organic pollutants, carbon capture, applications as super capacitors (with particular attention to gas sequestration and storage), as well as photocatalytic and electrocatalytic applications and energy storage and conversion devices.

- synthesis of porous materials
- porous 2D materials
- fabrication technologies
- energy storage applications
- gas purification and storage
- advanced characterization
- environmentally friendly
- self-assembled monolayer

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### Guest Editor

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### Deadline for manuscript submissions

20 December 2025



## Applied Sciences

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Impact Factor 2.5  
CiteScore 5.5



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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

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