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Porous Materials for Sustainable Energy and Catalysis

Guest Editor:

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Message from the Guest Editor

Porous Materials for Sustainable Energy and Catalysis is an international open-access Special Issue of *Crystals* (ISSN 2073-4352) intending to publish research publications, review articles, and short communications. The main focus of this journal is the design, improvement, and introduction of robust catalysts based on porous frameworks for sustainable Energy and catalysis. Additionally, we aim to make the catalyst's performance in chemical reactions and processes understandable for scientists in the fields of Sustainable Energy and Catalysis. Therefore, we encourage scientists to publish their experimental and theoretical explorations in detail to make it easier for new scientists in energy and catalysis to reproduce either the experimental or theoretical results. The main research areas include (but are not limited to):

- Electrocatalysis,
- Photocatalysis,
- Plasmon-enhanced porous materials,
- Nanostructured catalysts,
- Novel porous Catalysts,
- Kinetics and thermodynamics of catalytic reactions,
- Surface and active site engineering of the nanostructured materials,
- Computational catalysis,
- Computational electro- and photo-catalysis





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Message from the Editor-in-Chief

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