Special Issue

Porous Materials for Sustainable Energy and Catalysis

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

Guest Editor

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Deadline for manuscript submissions

closed (15 August 2024)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/162925

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About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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