

Special Issue

Porous Materials for Photocatalysis

Message from the Guest Editors

The aims of this Special Issue are to explore photocatalytic processes across domains like energy generation, pollutant reduction, plastic degradation, water splitting, and VOC elimination; focus on wastewater pollutant breakdown for valuable organic product creation, advanced CO₂ conversion, and NO_x/SO₂ removal through photocatalysis; develop advanced materials with defect engineering (anions, cations, surfaces, and interfaces) in compounds like oxides, sulfides, composites, and carbon nitrides; and tailor catalysts by tuning parameters of nanomaterials like crystallite dimensions, surface area, pore structure, and volume. With your expertise in surface science, photochemistry, and materials engineering for green energy and environmental breakthroughs, we would appreciate it if you would join our Special Issue by contributing your insights, research, and impactful results.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Surfaces and interfaces are ubiquitous, and their relevance in Chemistry, Physics, Catalysis, Materials Science & Engineering, Nanoscience, Biology and Nanomedicine is nowadays well acknowledged. Similarly, surfaces cannot be neglected when targeting applications in many strategic fields, such as sensors, energy conversion and storage, environmental and food science, and medical devices.

Surfaces is a new Open Access journal that will provide rapid publication of scholarly articles on studies related to surfaces and interfaces. Its mission is to publish cutting edge articles and conference proceedings and organizing special issues to highlight outstanding research on specific topics, encouraging the application of a rigorous Surface Science-based approach to many complex interesting phenomena and breaking boundaries among different disciplines.

Editor-in-Chief

Prof. Dr. Gaetano Granozzi

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Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, Inspec, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

Journal Rank:

CiteScore - Q2 (Materials Science (miscellaneous))