

## Special Issue

# Development and Synthesis of New Nanostructured Catalysts

### Message from the Guest Editor

This Special Issue aims to call for papers related to the design, synthesis and catalytic applications of nanostructured catalysts, preferentially with an emphasis on their unique structure–property correlations. We welcome outstanding original research articles and reviews in related fields to be submitted to the journal before the submission deadline.

- Nanostructures
- Nano-catalysts
- MOFs/COFs
- Structure–property correlation
- Thermal catalysis
- Electrocatalysis
- Photocatalysis
- CO<sub>2</sub> reduction
- Energy storage and conversion

We look forward to receiving your contributions.

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### Guest Editor

Dr. Bowen Li

Institute for Frontier Science, Key Laboratory for Intelligent Nano Materials and Devices of the Ministry of Education, Nanjing University of Aeronautics and Astronautics, Nanjing 210016, China

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### Deadline for manuscript submissions

closed (10 October 2025)



## Nanomaterials

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## About the Journal

### Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano–alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access. We are proud of our increasing impact factor and ability to provide rapid decisions to authors.

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### Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones

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