

Special Issue

Nanomaterials in Environmental Catalysis

Message from the Guest Editors

This Special Issue, "Nanomaterials in Environmental Catalysis", welcomes both comprehensive reviews and original research articles on a variety of nanomaterials in environmental catalysis. Themes include, but are not limited to, the following:

- Advanced nanomaterials for energy conversion and environmental catalysis application;
- Catalysis for energy conversion;
- Photocatalytic nanomaterials;
- Electrocatalytic nanomaterials;
- Heterogeneous catalysis in water/wastewater treatment processes;
- Air treatment, such as catalytic conversion of greenhouse gases;
- Nanomaterials in renewable feedstock production;
- Nanocatalysts;
- Metal-organic frameworks (MOFs);
- Zeolite-based materials;
- Catalytic water splitting;
- Nanomaterial fabrication;
- Environmental purification;
- New techniques of nanomaterials characterization;
- Removal of microbiological pollutants;
- Self-cleaning surfaces;
- Mechanism of pollutants' decomposition;
- Advanced oxidation technologies;
- Green chemistry;
- Waste recycling and repurposing via catalysis;
- Biochar catalytic material;
- Environmental bioenergy and processes.

Guest Editors

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Message from the Editor-in-Chief

Editor-in-Chief

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Environmental Science)

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the first half of 2024).