

Special Issue

Nanocatalysts for Contaminant Degradation

Message from the Guest Editors

This Special Issue on “Nanocatalysts for Contaminant Degradation” aims to explore the latest advancements and innovative applications of nanocatalysts in the field of environmental remediation. Nanocatalysts, due to their unique properties such as a high surface area, enhanced reactivity, and tunable composition, have emerged as powerful tools for the degradation of various contaminants, including organic pollutants, heavy metals, and other hazardous substances. This Special Issue will cover a wide range of topics, including the synthesis and characterization of nanocatalysts, their mechanisms of action in contaminant degradation, and real-world applications in water and soil treatment. Through this collection of high-quality research articles, we hope to provide a comprehensive understanding of the current state of the art in nanocatalyst-based contaminant degradation and inspire further research in this promising area.

- nanocatalysts
- contaminant degradation
- environmental remediation
- organic pollutants
- heavy metals
- synthesis and characterization
- water treatment
- environmental science and technology

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JCR - Q2 (Chemistry, Physical) / CiteScore - Q1 (General Environmental Science)

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