

Special Issue

Catalysis for Energy and Environmental Applications

Message from the Guest Editor

As a consequence of the global increase of energy consumption, along with its associated environmental issues, safer, more energy-efficient and environmentally friendly ways toward sustainable development have been emphasized in both the academic and practical fields. Catalysis is one of the processes with the largest potential to minimize environmental issues, curb energy consumption and elevate economic efficiency. This Special Issue of *Catalysts* aims to cover the advances on commonly used and emerging catalysts in the field of catalysis for energy and environmental Applications. Potential topics include but are not limited to the following:

- Catalytic process for energy production;
- Catalysis for biofuel production;
- Catalysis for pollutant removal;
- Catalysts for environmental remediation;
- Catalytic water purification and reclamation;
- CO₂ conversion and utilization;
- Catalysis for waste-to-energy and waste-to-resources.

Authors with expertise in these topics are cordially invited to submit their manuscripts to *Catalysts*. Significant full original papers and review articles are welcome.

Guest Editor

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Deadline for manuscript submissions

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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).