

Special Issue

Recent Advances in Photocatalysis: An Innovation in Catalysis

Message from the Guest Editor

Environmental protection has risen to the top of the global agenda, and major efforts are being undertaken to identify sustainable strategies for long-term environmental remediation. Two of the most pressing concerns to be faced by the world are water contamination and the energy crisis. Photocatalysis is a green technology that is one of the most promising pathways to alleviating environmental contamination and the energy dilemma while adhering to sustainable and green chemistry principles. Photocatalysis involves photocatalytic activation with water under solar light irradiation (cheap, renewable and widely available energy) and is preferred for use in a wide range of processes such as organic pollutant mineralization, fine organic reactions, and also the production of hydrogen, which is a clean energy source (a zero-carbon fuel). This Special Issue aims to publish promising recent advances in the photocatalysis field.

Guest Editor

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Deadline for manuscript submissions

closed (20 October 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/205799

*International Journal of
Molecular Sciences*
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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