

Special Issue

Green Photocatalysts for Energy and Environmental Process

Message from the Guest Editor

To bring some of the exciting recent works on green photocatalysts, this special issue on 'Green Photocatalysts for Energy and Environmental Process' is opened for all contributors of the photocatalysis for renewable energy storage, photodegradation of pollutants, and photosynthesis fields. We also inspire the authors to emphasize the designing strategy of catalysts for motivating the young researchers as well. Here we invite authors to submit novel and original works to this special issue which could accumulatively extend and advance our scientific understanding. This issue will emphasize the following areas mentioned as keywords, but could even be diversified further. ☒

- Green Photocatalysts
- Nanostructured photocatalysts
- MOF based photocatalyst
- Bio-inspired catalysts
- Artificial photosynthesis
- Cyanobacteria
- Photodegradation
- Renewable energy
- Greenhouse Gas control
- Water splitting
- CO₂ reduction

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2021)



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About the Journal

Message from the Editor-in-Chief

ChemEngineering is to consolidate its position as a high-quality, open access journal that not only disseminates excellent research but also sets the agenda for future directions in chemical engineering. We will continue to highlight core areas such as catalysis, process intensification, and the circular economy, while also opening the door to emerging topics such as multi-energy systems that integrate light, heat, and electricity, etc., as well as digital tools, modelling, and artificial intelligence applied to chemical engineering.

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