



## Emerging Polymeric Photocatalysts for Energy and Environmental Applications

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### Message from the Guest Editors

Polymeric materials are emerging and promising semiconductors for energy and environmental applications. Unique features of polymers are motivating researchers to develop innovative polymeric semiconductors for various photocatalysis reactions that can solve the current energy and environmental challenges.

This Special Issue aims to collect original research papers, reviews, and perspectives on polymer-based photocatalysts for energy and environmental applications in the following areas:

- Development/functionalization/rational design of novel polymeric materials for photocatalysis;
- Innovative techniques for characterizing polymeric photocatalysts;
- Photocatalysts for energy and environmental applications, e.g., water splitting, CO<sub>2</sub> reduction, H<sub>2</sub>O<sub>2</sub> production, pollutant degradation, bacteria disinfection, advanced oxidation processes, and the photoreforming of biomass.

