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Photocatalysts for Organic and Polymer Synthesis

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Deadline for manuscript submissions:

closed (31 May 2022)

Message from the Guest Editors

Thanks to its ability on triggering chemical transformation with photon energy, photocatalyst plays a central role in a variety of commercialized and emergent technologies, from self-cleaning glass and solar cells to water splitting and CO₂ reduction. Besides these merits of photochemistry relative to traditional thermal process, photocatalysts even facilitate the access to distinct chemical products through unique mechanism. In the meantime, coupled with the adoption of commercialized light emitting diode (LED) as reliable photon source, the adoption of photocatalysts with strong absorption in visible light region is pushing the organic and polymer photosynthesis away from the traditional ultraviolet domain

This special issue will be dedicated to the latest development of photocatalysts for organic and polymer synthesis. The submitted manuscripts can be either reviews or research articles. For review articles, the authors should provide a comprehensive summary of one category related to the theme of this special issue. For research articles, the authors should submit a manuscript focused on the original and latest discovery related to the theme of this special issue.









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Editor-in-Chief

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Message from the Editor-in-Chief

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Our goal is for Compounds to become a journal where the scientific community can present their results under open access. Our core objective is to provide high-quality research contributions in a wide range of chemistry areas. Manuscripts dealing with chemical compounds; the relationship between structure, properties, and/or functions of all kinds of compounds; as well as chemical theory and applications are welcome.

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