

## Special Issue

# Photocatalytic Materials and Photocatalytic Reactions, 2nd Edition

### Message from the Guest Editors

Photocatalysis is one of the most promising strategies for addressing severe issues regarding the environment and energy, and consequently attracts extensive and ongoing attention. Designing more efficient advanced photocatalytic materials and exploring green, carbon neutral photocatalytic reactions are both highly significant for promoting sustainability. Low-dimensional nanomaterials are rising stars in photocatalysis due to their unique and fascinating properties, encompassing inorganic nonmetallic materials, MOFs, LSPR materials, various nanocomposites, etc. This Special Issue focuses on designing advanced photocatalysts, understanding their structure-dependent properties, and seeking to exploit them in the fields of energy conversion, pollutant degradation, artificial photosynthesis, organic synthesis, etc.

Prof.

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### Guest Editors

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### Deadline for manuscript submissions

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## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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### Editor-in-Chief

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