



Advances in Organic Photocatalysis

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Message from the Guest Editors

Dear Colleagues,

Photoredox catalysis has played an important role in the development of contemporary synthetic chemistry. Many researchers in chemistry ranging from biomedical to materials science are quickly adopting the use of photoredox catalysis as a mild means of achieving unique chemical reactivity.

This Special Issue is devoted to the applications of new organic photocatalysts in organic synthesis. The Special Issue will focus on, but is not limited to, photocatalysis developments and applications for:

Photocatalytic mechanisms and kinetics;

Photophysical characterization of new organic photocatalysts;

New radical precursors in photocatalytic reactions;

The formation of carbon-heteroatom bonds using photocatalytic reactions;

The application of organic photocatalysts in the synthesis of enantiomerically enriched compounds;

The synthesis of biologically active compounds or their precursors using organocatalytic reactions;

Solar-driven photocatalytic processes;

Pilot- and full-scale applications.

