

Special Issue

Advanced Metal-Free Composites for Photocatalytic Application

Message from the Guest Editors

To solve the problems of climate change, the fossil energy crisis and environmental degradation, researchers are taking an increasing interest in solar energy, which is the sole energy source for the Earth. In recent decades, burdensome works and few developments have been made to provide an impetus on innovations in the areas of alternative energy approaches for sustainability and environmental remediation by photocatalysis. Among them, one of the most attractive features of photocatalysis is utilizing metal-free materials to provide fuel generation, catalytic reactions and environmental cleaning with little energy being consumed and no secondary pollution. Hence, this Special Issue is calling for papers addressing the recent progress, opportunities and challenges in metal-free photocatalytic composites and their applications, including sustainable catalysis, energy output and environment remediation, with a view toward stimulating new breakthroughs to emerge in this field. Essays in various forms are warmly appreciated.

Guest Editors

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Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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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