

Special Issue

Recent Advances in Supramolecular and Surface Photochemistry

Message from the Guest Editors

Supramolecular Photochemistry is one fascinating field of science that combines the greatness of both fields—Supramolecular chemistry and Photochemistry. Nature uses this science in the most amazing ways, from the process of photoswitching of 11-*c/s* retinal inside the protein opsin to the deeply studied process of photosynthesis. The photoreactions, when controlled by shape, size, and unique traits of the inner cavities of the host systems, result in astonishing product selectivity or control of a highly reactive species like singlet oxygen, carbenes, and nitrenes. In this Special Issue, we collected the most advanced research conducted in this field in order to promote and sustain the development of this unique field of research.

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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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