

Special Issue

Molecules as Photochemically Activated Devices

Message from the Guest Editors

The last couple of decades have seen an increasing amount of R&D on molecules that undergo potentially useful phenomena under the effect of light, namely: the rotation of certain functional groups, ring opening/ring closure processes, release of protons, electrons, ions, and so on. Particularly special attention has been paid to the control and reversibility of these phenomena, so that their reactions could be reversed upon either cutting the light excitation or using a different wavelength. In this way, such molecules might be used as devices for the chemical control of certain processes under the external stimulus of light. All scientists in the field are cordially encouraged to submit their manuscripts for consideration for publication in this Special Issue.

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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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