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 payed 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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Deadline for manuscript submissions

closed (30 June 2020)

Molecules

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Impact Factor 4.2
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As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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