

Special Issue

Photovoltaic and Photoactive Materials

Message from the Guest Editors

Photoactive materials that absorb, produce, and respond to light are the basis of many cutting-edge technologies, including solar cells, lasers, optical sensors, and photocatalysis. Over the past years, emerging materials have been pursued with an emphasis on reduced toxicity, long-term stability, low-cost production, and scalability. These include polymers, organic molecules, nanoparticles, organic-inorganic hybrids, and low-dimensional materials. This Special Issue aims to provide new insights into the engineering of photoactive materials with tailored properties and to deliver new device applications. We encourage authors to publish outstanding research in photovoltaic and photoactive materials, from fundamental studies to proof-of-principle design and advanced characterization.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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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