

Special Issue

Solar Energy Conversion and Information Interpretation Based on Novel Nanotechnologies

Message from the Guest Editors

With the technical explosion during recent decades, energy consumption has become a critical issue for economic globalization, accelerating the development of clean energy conversion. Solar energy is a type of clean source with abundant information (i.e., polarization, frequency, and intensity) that has attracted significant research interest for facing the energy crisis. Nanotechnologies for the generation, processing, and fabrication of materials offer an alternative approach for the efficient utilization of solar energy, rendering wide applications, i.e., solar cells, photodetection, photocatalysis, etc. The selected papers for this issue will include, but are not limited to, nanomaterials synthesis, energy conversion, material property investigation, and the applications of low-dimensional materials.

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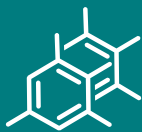


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Message from the Editor-in-Chief

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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