

## 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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### Deadline for manuscript submissions

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## Molecules

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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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