Special Issue

Perovskite Materials for Application in Sustainable Energy Technologies

Message from the Guest Editor

The aim of this Special Issue is to consolidate research focused on the design and development of perovskite materials that contribute to climate remediation through green and sustainable energy technologies. Owing to their unique properties, perovskite materials can be easily fabricated and tuned for a range of industrially significant reactions, making them highly valuable in advancing energy research and reducing carbon emissions from energy-related processes. This Special Issue invites original research papers on the application of all types of perovskite materials in energy-related fields. Submissions focusing on energy generation, storage, transportation, and utilization are particularly encouraged. Of special interest are studies exploring the use of perovskite materials in the production of biofuels (e.g., biodiesel, biokerosene, biogas, biogasoline, paraffin), CO2 conversion to methanol and other fuel-related hydrocarbons, as well as hydrogen-related research.

Guest Editor

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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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