

Special Issue

Catalytic Materials for Energy and Environment: Preparation, Properties and Applications

Message from the Guest Editors

The diminishment of limited petroleum reserves spurs the exploration of alternative routes for the production of basic chemicals and liquid fuels. The catalytic conversion of other carbon-based resources (such as sustainable biomass, plentiful coal and natural gas, unwanted CO₂, and waste plastics) into various chemicals and fuels is a promising non-petroleum route and has received increasing attention. We are pleased to invite you to submit your research related to catalytic materials for energy and the environment. This Special Issue will serve as an attractive platform to display the promising conversion routes and catalysts for the production of chemicals and liquid fuels.

Guest Editors

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As the premier open access journal dedicated to molecular chemistry, now in its 30th 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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