Special Issue

Recyclable and Re-useable Catalysts

Message from the Guest Editors

Environmental issues have changed the nature of chemical research. Green chemistry involves reducing waste, while sustainable chemistry uses clean technologies. Recycling is important considering the limited availability of noble metals. A Special Issue on catalyst recycling and a survey of various aspects of these matters is therefore timely. The choice of metal oxides allows for specific applications and recyclability without loss in activity, and such catalysts play an important role in the synthesis of multicomponent reactions (MCRs), and biological and photo-catalysts. This Special Issue aims to bring together recent advances in the design of varied nanomaterials and their application as recyclable catalysts. Results obtained from homogeneous and heterogeneous (immobilized) metal complexes, solid heterogeneous catalysts and nano-composites employed as recyclable catalysts are of interest. Original research papers and reviews encompassing recent efforts on various aspects of recyclable catalysis are all welcome.
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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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