Special Issue

Green Organic Synthesis with Zeolites

Message from the Guest Editors

Zeolites are crystalline nonporous aluminosilicates whose remarkable properties offer environmentally benign alternatives for the development of cleaner, safer and more efficient chemical processes. The variety in composition, pore-size and chemical properties make zeolites versatile heterogeneous catalysts with tunable characteristics. In particular, the concentration of active sites, the stability and the shape selectivity of zeolites offer superior catalytic activity for example in oil-refining and petrochemistry. This Special Issue aims to provide an updated forum to discuss applications of zeolites for catalytic green productions including, but not limited to, bio-based derivatives, fine chemicals, and biologically active compounds.

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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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