Special Issue

Green Molecules and Green Materials for Sustainable Life

Message from the Guest Editors

Developments and characterizations of green materials are one of the most important approaches to realizing sustainable human life on the earth. Based on recent progress in nanotechnology, biotechnology, and information technology, the regulation of green materials at a molecular level has become possible. This Special Issue focuses on green molecules and green materials for a sustainable life. Novel concepts of green molecules, which are generated by combinations of nanotechnology, biotechnology, and information technology. Research concerning traditional green materials is also welcome if the materials can be integrated by combining new techniques in near future. Not only experimental research, but approaches from simulations are also welcome. The fusion of several different research fields can be a trigger to create new concepts of green molecules and green materials. We expect submission from many researchers in various research fields.

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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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