

Special Issue

Green Synthetic Nanomaterials: Preparation, Mechanism, and Application

Message from the Guest Editor

In this Special Issue, we invite investigators to contribute short communications, full research articles, and timely reviews that are related to the green preparation of nanomaterials, characterizations and applications of medicine, and food and environment. Potential topics include, but are not limited to the following: Discovery of new types of nanostructures in green synthesis, including nanoparticles, nanofibers, and nanocrystals. Characterization of molecular interactions among green prepared nanomaterials at the dimension of nanoscale. Innovative techniques to fabricate nanoscale systems for medicine, environment, and food-related applications. Green development of nanocomposite materials from the combination of biopolymer materials and inorganic nanomaterials (including metal nanoparticles, carbon nanotubes, and clay nanosheets).

Guest Editor

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

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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