

Special Issue

Synthesis of Novel Nanomaterials and Their Applications in Constructing Sensors

Message from the Guest Editor

This Special Issue collates research on the synthesis of different nanomaterials, and their applications in constructing various sensors for detecting components such as mycotoxins, pesticides, and heavy metals in food, traditional Chinese medicines, and other biological samples. We invite papers on the novel application of nanomaterial-based sensors, as well as their construction processes and detection mechanisms. The development of new nanomaterials and their synthetic methods, discussion on their structural properties, and other outstanding studies on the establishment of sensors and mechanisms are also considered. Research articles, reviews and comments are all welcome.

Guest Editor

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Deadline for manuscript submissions

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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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