

Special Issue

Metal-Based Nanocomposite: Synthesis and Applications

Message from the Guest Editor

The important topics to be covered in this Special Issue:

- Graphene-based metal and metal oxide nanocomposites;
- Carbon nanotube–metal-oxide nanocomposites;
- Metal-oxide-based nanocomposites applications for photocatalysis;
- Metal oxide nanomaterials and solid conductors for sensor applications;
- Metal oxide nanocomposites and its thermal property analysis;
- Semiconducting metal oxides for photocatalytic applications;
- Applications of metal oxide-based nanocomposites;
- Metal oxide-based nanocomposites applications for photoluminescence and adsorption.

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 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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