Special Issue

Oxide Nanomaterial

Message from the Guest Editor

Advancements in oxides-based nanomaterials in recent years have created a tremendous impetus for innovations in many industries, such as electronics, energy storage, energy conversion, health care, and environmental protection. In this context, oxides-based nanomaterials appear to be a strong class of materials which have a great potential to push through the limitations of next-generation electronics and energy storage technologies, with great potential for environmental application. Potential topics of this Special Issue include but are not limited to:

- Recent advances in oxide nanostructures, oxide nanoparticles and nanostructures, with complex oxide/metal, oxide/surface, and oxide/organic interfaces;
- Applications of oxides nanomaterials for electronics devices such as RRAM, transistors, photodetectors, etc.;
- Hybrid materials, including oxides nanomaterials and their applications in energy storage devices;
- Graphene/oxides composites for electronics, energy storage/conversion, sensors;
- Recent advances of oxides nanomaterials for environmental and biomedical applications.

Guest Editor

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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