



Multifunctional Nanomaterials: Synthesis, Properties, and Applications 3.0

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Message from the Guest Editor

Dear Colleagues,

Multifunctional nanomaterials exhibit remarkable structural and physical properties, which have led to an increase in their industrial applications. In addition, biomolecules can be functionalized on the surface of nanoparticles for their potential applications in the biomedical field.

This Special Issue focuses on the development, characterization, and analysis of advanced multifunctional nanomaterials for various applications, including photocatalysts, anode materials for Li-ion batteries, supercapacitors, solar cells, photovoltaics, data storage, gas sensing, chemical sensors, biosensors, magnetoresistance, hyperthermia cancer treatment, drug delivery, magnetic resonance imaging (MRI) contrast agents, magnetic refrigeration (MR), spintronic devices, ferrofluids, microwave devices, water splitting for hydrogen production, the paint industry, electromagnetic interference shielding or microwave absorbers, etc.





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Message from the Editor-in-Chief

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