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Frontiers in Functional Nanomaterials

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Message from the Guest Editor

Dear Colleagues,

During the last several decades, there has been a great number of research papers on the functional nanomaterials. The benefits of nano-engineering are various, including enhanced surface areas and unprecedented physical properties. In materials science field, new materials have continuously appeared and engineered to nano-regimes. For example, PbCsX3 type perovskites and high-entropy materials have attracted the recent attention of scientists and have been engineered to nano-regimes. The functional performance of new materials could be enhanced through the nano-engineering. The communications about the new functional nanomaterials will be exciting. In this regard, we designed the special issue “Frontiers in Functional Nanomaterials” that welcomes the submission of the works on the recent functional nanomaterials. We wish that this special Issue becomes a good and helpful platform for the communications of scientists.

Prof. Dr. Seung Uk Son
Guest Editor

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call "nanomaterials". These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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