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Multifunctional Metallic Nanomaterials

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Message from the Guest Editors

Dear Colleagues,

We are launching a Special Issue entitled “Multifunctional Metallic Nanomaterials”. The aim of this Special Issue is to publish research articles and topical reviews focused on metallic nanomaterials that show interesting multifunctional properties, i.e., that can be used in various technological applications, taking advantage of synergistic or complementary physical and/or chemical properties. The investigated materials must be nanometric in at least one of their dimensions. This includes: Thin films, nanoparticles, nanorods, nanowires/nanotubes and other types of lithographed structures. The materials can be one-component or consist of various counterparts. The Special Issue is aimed at providing selected contributions on advances in the synthesis, characterization, and applications of the materials. Special emphasis is laid on their potential uses in magnetism, spintronics, biomedicine, electrocatalysis or miniaturized micro/nano-electro-mechanical systems.

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Guest Editors



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Special Issue



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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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