

Special Issue

Recent Advances in Modification and Surface Functionalization of Nanostructured Materials

Message from the Guest Editor

Most relevant features of the fundamental and applied chemistry of nanostructured materials recently highlighted the need of their surface functionalization. Doping, hybridization, intercalation, strong bonding with guest species, and attachment of targeted molecule fragments frequently result in the creation of new versatile electronic, optical, and chemical properties. This Special Issue will provide recent trends in the functionalization of various nanostructured solid materials with the goal of improving their catalytic, magnetic, optical, and chemical properties. It is my pleasure to invite you to submit a manuscript for Special Issue titled "Recent Advances in Modification and Surface Functionalization of Nanostructured Materials". Full papers, communications, and reviews reporting new findings and unexpected results obtained via functionalization of various nanostructured hybrid materials, their assemblies, and films are particularly welcome.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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