Special Issue

Advance in Bionanomaterials

Message from the Guest Editor

Nanomaterials for biomedical applications represent a fast-growing and promising area of research. This area of application is multifaceted and includes materials for the treatment of various diseases, regenerative medicine, drug delivery, biosensors, and the basis of the development of tissue-engineered constructs for pharmacological screening. The variety of composition, structures, and mechanical properties of nanomaterials makes it possible to design materials with specified features for the required tasks. We invite researchers from different specialties—biologists, chemists, physicists, engineers, and clinicians—to submit their original research and review articles that will expand our understanding of the fundamental aspects of the structure, physical properties of materials, their development, and application, as well as the influence of nanomaterials' structure, mechanical properties, the composition of materials on biocompatibility, interaction with living structures, the plasticity of applications, and therapeutic efficacy.

Guest Editor

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Message from the Editorial Board

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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