Special Issue

Synthesis, and Characterisation of Metallic and Non-Metallic Nanoparticle Systems for Use in Biomedical and Catalytic Applications

Message from the Guest Editor

Research on metal nanoparticle systems is a very active and topical field in today's research environment. The formation of metal nanoparticles and their characterization (usually under the subject heading of colloid science) have preoccupied scientists for over 160 years as a defined scientific discipline. Following a lull in interest in these systems, a strongly renewed interest in metal colloid science area occurred in the late 20th century, persisting until now in the 21st century. "Nanotechnology" is the broader umbrella term under which research into colloidal systems now falls along with many other genres of science which follow the nanotechnological theme. As usual, any articles submitted to this Special Issue on nanoparticles will be subjected to robust peer review. Manuscripts dealing with the fundamental science of colloidal dispersions and their applications and reviews of nanoparticle systems can be submitted. We look forward to your contributions and hope to obtain papers on a broad selection of topics to make this a truly unique Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2020)

Materials

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Impact Factor 3.2
CiteScore 6.4
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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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