Special Issue

Nanoparticles for Conductors

Message from the Guest Editor

The preparation, study, and processing of nanoparticles for conductors is a subject of intense interest today. This field mobilizes the efforts of solid state chemists, molecular chemists, physicists, electronic engineers, biologists, etc. The purpose of this Special Issue, entitled “Nanoparticles for Conductors”, is to collect high-quality papers in the fields of conducting nanoparticles (metals, metal oxides or nitrides, conducting polymers, molecule-based conductors, etc.) and nanoparticles for molecular electronics. Furthermore, special attention will be given to articles highlighting applications such as transparent conductors based on nanoparticles, stretchable or flexible nanoparticle conductors, or sensors composed of conducting nanoparticles. It is a great pleasure to invite colleagues to submit a manuscript to this Special Issue. Communications, full papers, and reviews are all welcome.

Guest Editor

Prof. Dr. Dominique de Caro
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Deadline for manuscript submissions

closed (10 October 2022)

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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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