Special Issue

Advanced Research on Electrical, Optical, and Magnetic Nanoparticles, Nanowires, and Thin Films

Message from the Guest Editor

Nowadays, extensive research efforts have been devoted to the study of materials with different electrical, optical, and magnetic properties. These properties are of interest in different fields of research such as photovoltaics, thermal energy storage, cooling systems, electrochemistry, rheology, analysis, drug delivery, sensors. Also, the electrical, optical, and magnetic properties can be applied for the cost-effective synthesis of new materials such as nanoparticles, nanowires, and thin films. It is my pleasure to invite you to publish your research work as a full paper, short communication, or review in the Special Issue of *Materials* titled 'Advanced Research on Electrical, Optical, and Magnetic Nanoparticles, Nanowires, and Thin Films'. This Special Issue covers all aspects of the studies on electrical, optical, or magnetic nanoparticles, nanowires, and thin films, from both experimental or/and theoretical viewpoints.

Guest Editor

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Deadline for manuscript submissions

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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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