Special Issue

Advances in Superconducting Materials

Message from the Guest Editor

Superconductivity is a novel phenomenon in certain materials, where electrical resistance vanishes and magnetic flux fields are expelled from the material, but the mechanism has been puzzling for a long time. In addition, superconductors have been employed in many application fields such as superconducting magnets, SQUIDs, microwave filters, etc. Therefore, the finding of, designing, characterization, and application of superconducting materials are issues of high significance. This Special Issue covers both theoretical and experimental studies in superconducting materials. With great pleasure, we would like to invite you to submit a manuscript, welcoming full articles, short communications, and review papers.

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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