

Special Issue

Advances in Superconducting Materials: From Structure and Properties to Applications

Message from the Guest Editors

This Special Issue focuses on innovations in the development of superconducting materials regarding their structure, properties, and application. Topics of interest include, but are not limited to, the following: experimental, theoretical and numerical studies on microstructures; pinning properties; the vortex dynamics of superconductors; the additive manufacturing of superconducting materials; the electromagnetic–thermal–mechanical performance of superconducting thin films, conductors, cables, and magnets. We welcome original research, methodological developments, and review articles.

Guest Editors

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Dr. Hongye Zhang

Dr. Baoqiang Zhang

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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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