Special Issue

Superconductors: Materials Design and Mechanisms

Message from the Guest Editor

Materials is organizing this Special Issue focused on "Superconductors: Materials design and Mechanisms" to gather the latest findings and ideas related to new classes of superconductors, as well as understanding both their experimental and theoretical aspects. We are delighted to invite your contributions, which may include the following topics (but are not limited to them): (i) exotic physical properties and insights into structure–property relationships; (ii) optimization of synthesis techniques and properties, as well as application prospects; (iii) the underlying physical mechanisms resolved by the state-of-art measurements or your viewpoints on the key unresolved questions; (iv) theoretical investigations and predictions of new superconducting materials; and (v) anything else you would like to express in this topic. Full papers, short communications, and reviews are all welcome.

Guest Editor

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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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