

Special Issue

Mechanical and Thermal Properties Analysis of Ceramic Composites

Message from the Guest Editor

Materials is an open access journal that undergoes peer review and publishes articles covering a wide range of mechanical and thermal properties analysis of ceramic composite research. It champions cutting-edge exploration in the mechanical and thermal analysis of materials. This Special Issue focuses on the thermal techniques, heat and energy conversion, calorimetry, and mechanical properties of ceramic and metallic composition. The emphasis is on innovative fundamental scientific exploration into the connections among processing, microstructure, and properties of ceramics composites formed under different kinds of sintering techniques. In this Special Issue, manuscripts must clearly describe the measurement setup which the experiments utilised by undertaking a critical review of the state of the art in measurement techniques and the sensitivity and accuracy of used devices.

This Special Issue showcases news and viewpoints alongside research highlights that encapsulate the most recent scientific discoveries in ceramics. With a dedication to excellence, this Special Issue ensures optimal support for authors, readers, and reviewers.

Guest Editor

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About the Journal

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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