



Special Issue on Ceramic Materials and Technology

Call for Papers

A ceramic is an inorganic compound, non-metallic, solid material comprising metal, non-metal or metalloid atoms primarily held in ionic and covalent bonds. Ceramic materials may have a crystalline or partly crystalline structure, with long-range order on atomic scale. The special character of ceramic materials gives rise to many applications in materials engineering, electrical engineering, chemical engineering and mechanical engineering. As ceramics are heat resistant, they can be used for many tasks for which materials like metal and polymers are unsuitable. Ceramic materials are used in a wide range of industries, including mining, aerospace, medicine, refinery, food and chemical industries, packaging science, electronics, industrial and transmission electricity, and guided lightwave transmission.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **ceramic materials and technology**. Potential topics include, but are not limited to:

- Ceramic engineering
- Mechanical, electrical and optical properties
- Ceramic under high temperature
- Metal-ceramic composites
- Carbon–ceramic composites
- Polymer-derived ceramic fibers
- Glass–ceramic coatings
- Ceramic synthesis
- Bioceramics
- Ceramic membranes
- Applications in aerospace, medicine, food, and chemical industries

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Ceramic Materials and Technology**” should be chosen during your submission.

According to the following timetable:



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