

Special Issue

Advances in Ceramics, 3rd Edition

Message from the Guest Editors

Last year, we proposed a Special Issue on advanced ceramics, which was very successful. For this reason, we are proposing a third Special Issue that will provide an update on advanced ceramics. The aim of this third Special Issue on “Advances in Ceramics” is to present the latest developments concerning advanced ceramics, from fabrication to properties and applications. We invite scientists to propose short communications, full papers, or reviews corresponding to this Special Issue. The following topics can be addressed:

- Powder synthesis, ceramic processing, and shaping;
- Sintering, including conventional sintering, cold sintering, flash sintering, ultrafast sintering, field-assisted sintering, and pressure-assisted sintering;
- Additive fabrication;
- Advanced structural ceramics and composites;
- Refractories in addition to high- and ultra-high-temperature ceramics;
- Functional ceramics;
- Bioceramics;
- High-entropy ceramics;
- Ceramic coatings and thin films;
- Ceramics and energy;
- Ceramics and the environment.

For each topic, modeling can also be taken into account.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Ceramics (ISSN 2571-6131), an international, open access journal, provides an advanced forum for ceramics science and engineering. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We are committed to drive *Ceramics* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts. Your contribution should lead to the development of technical ceramics with better performances and to improve our quality of life.

Editor-in-Chief

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Author Benefits

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.6 days after submission; acceptance to publication is undertaken in 3.7 days (median values for papers published in this journal in the first half of 2025).