Special Issue

Recent Developments in Porous Geopolymers: Synthesis, Properties and Applications

Message from the Guest Editors

Geopolymers are inorganic, typically ceramic, materials that form long-range, covalently bonded, amorphous networks. Over the past few decades, geopolymers have exhibited beneficial properties in a wide variety of potential and existing applications. In addition, the driving force in geopolymer research is the simpler and less energy-intensive preparation process compared to other similar types of materials. Today, porous geopolymers have become the subject of promising research in the field of porous inorganic materials due to their unique combination of good thermal stability and excellent mechanical properties. This Special Issue will present the recent developments in the field of porous geopolymers and their potential applications. The scope of this Special Issue includes the following themes: processing methods, characterization, properties evaluation, and novel techniques and applications. Thus, authors are welcome to submit their latest research in the form of original high-quality full articles, communications, or reviews that can enrich key knowledge and help further understand this fascinating area of research.

Guest Editors

Dr. Tomáš Kovářík

New Technologies Research Center, University of West Bohemia, Univerzitní 8, 30614 Plzeň, Czech Republic

Dr. Kalim Deshmukh

New Technologies Research Center, University of West Bohemia, Univerzitní 8, 30614 Plzeň, Czech Republic

Deadline for manuscript submissions

closed (15 January 2022)



Ceramics

an Open Access Journal by MDPI

Impact Factor 2.0 CiteScore 3.7



mdpi.com/si/67893

Ceramics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +4161683 77 34
ceramics@mdpi.com

mdpi.com/journal/ceramics





Ceramics

an Open Access Journal by MDPI

Impact Factor 2.0 CiteScore 3.7



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

Prof. Dr. Gilbert Fantozzi

INSA-Lyon, MATEIS Laboratory UMR CNRS 5510, 69621 Villeurbanne, France

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), and other databases.

Journal Rank:

JCR - Q2 (Materials Science, Ceramics) / CiteScore - Q2 (Materials Science (miscellaneous))

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).

