Special Issue

Recent Advances of Hydroxyapatite and Its Applications

Message from the Guest Editors

Calcium phosphates are compounds of substantial interest in interdisciplinary fields of science encompassing chemistry, biology, medicine, and geology. Among the calcium phosphates, hydroxyapatite is the most stable, with several practical applications. It is a crucial material for biomedical applications, owing to its excellent biocompatibility, bioactivity, and osteoconductivity. Hydroxyapatite can also be utilized for various environmental applications, including the removal of organic pollutants, quantitative analysis for the detection of pollutants, and photocatalytic degradation. In the biomedical field, both pure and modified hydroxyapatite are utilized in various forms, such as bioceramics, coatings, dental materials, antimicrobial materials, and vehicles for bioactive compounds. We invite you to submit your recent work on hydroxyapatite and its various applications for publication in our Special Issue.

Guest Editors

Dr. Josy Anteveli Osajima

Dr. Edson C. Silva-Filho

Dr. Maria Gardennia Fonseca

Deadline for manuscript submissions

closed (28 February 2022)

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/74223

Minerals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
minerals@mdpi.com

mdpi.com/journal/minerals

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/journal/minerals

About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky
Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

MDPI