Special Issue

Sulfates: Crystal-Chemistry and Their Geological Significance

Message from the Guest Editors

Sulfate minerals play an important role in modern society, being a component of our mineral economy and having a remarkable environmental significance. Indeed, they are widespread in acid mine drainage systems, where they could remove or temporarily store acidity and metals. More than 400 sulfate mineral species are currently known. These species occur in several kinds of geological settings, both on our planet as well as on other terrestrial planets and icy moons of the Solar System. They occur in evaporitic settings, in hydrothermal veins, or they can be the weathering products of ore deposits, providing interesting clues about the geological evolution of the studied occurrences. This Special Issue welcomes contributions on sulfate mineralogy, describing their crystal-chemistry (also under non-ambient conditions), their variable geochemistry, and giving further insights into their genesis and kinds of occurrence.

Guest Editors

Dr. Cristian Biagioni

Dr. Maria Lacalamita

Dr. Daniela Mauro

Deadline for manuscript submissions

closed (28 February 2021)

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/46640

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