



minerals



an Open Access Journal by MDPI

Feature Papers in Biomineralization and Biominerals

Guest Editors:

Dr. Yannicke Dauphin

National d'Histoire Naturelle,
Biodiversité, 75005 Paris, France

Dr. Fabio Nudelman

EaSTCHEM, School of Chemistry,
University of Edinburgh, David
Brewster Road, Edinburgh EH9
3FJ, UK

Dr. Jean-Pierre Cuif

Museum National d'Histoire
Naturelle, CR2P, 8 rue Buffon,
75005 Paris, France

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

Biomineralization is the process leading to the formation of biominerals by organisms. Thus, the structure and composition of such biominerals are dependant upon the producing organisms. This Special Issue will contain invitation-only original research and review articles from prominent researchers in the field, covering a range of topics from the structure to the composition of mineral and organic components of plants, fungi, algae, vertebrates and invertebrates. Methods for characterizing biominerals at the macro, micro, nano and atomic levels are included. Contributions from researchers working on fundamental research and/or applications in biology, medicine, inspired biomaterials, evolution, diagenesis, (palaeo)environmental reconstructions, (palaeo)biodiversity, etc., based on modern and ancient (fossil) biominerals, are welcome.



mdpi.com/si/118001

Special Issue



Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut,
University Bayreuth, D-95440
Bayreuth, Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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 & Mineral Processing*) / CiteScore - Q2 (*Geology*)

Contact Us

Minerals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/minerals
minerals@mdpi.com
[X@Minerals_MDPI/](https://twitter.com/Minerals_MDPI/)