

Special Issue

Microbial Biomineralization and Organimineralization

Message from the Guest Editor

We are pleased to invite you to contribute your work to this Special Issue entitled “Microbial Biomineralization and Organimineralization”. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- (1) Microbially controlled or induced biomineralization;
- (2) Organimineralization which is mediated by organic substances, but not directly produced by living organisms;
- (3) Microbial reduction and oxidation;
- (4) Bioremediation;
- (5) Biomining;
- (6) Metal transformation and concentration in natural environments, and ore deposit by microorganisms;
- (7) Global biogeochemical cycling of elements;
- (8) Carbonate deposition and carbon sink; and
- (9) Biosynthesis of nanoparticles by microorganisms.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2024)



Minerals

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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.

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Prof. Dr. Leonid Dubrovinsky

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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 17.7 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).