

## Special Issue

# Bio-Metallurgical Processes and Sustainable Metal Recovery

### Message from the Guest Editor

Bio-metallurgy has developed as a mature field in metal refining, found upon zero-waste solutions and sustainable processes. This Special Issue of *Minerals* on “*Bio-Metallurgical Processes and Sustainable Metal Recovery*” aims to showcase recent advances in

- Heterotrophic and autotrophic bioleaching and metal extraction;
- Biosorption, microbial accumulation, and bio-precipitation of metals;
- Environmental remediation and bio-technology that aim at valorisation of metals from secondary sources;
- Bio-based, integrated processes or green innovations in (bio-)electro-refining and hydrometallurgy.

### Guest Editor

Dr. Karel Folens

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### Deadline for manuscript submissions

closed (31 October 2021)



## 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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### Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,  
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#### 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).