

## Special Issue

# Selected Papers from “The 3rd International Conference of Young Scholars in Mineral Processing”

### Message from the Guest Editors

The global mineral processing community faces significant challenges, ranging from technological to environmental and economic issues. These challenges are not new: Experts in the field of mineral processing have been confronting and solving such challenges over the centuries, thereby delivering important contributions to the clean and efficient use of our mineral resources. The 3rd International Conference of Young Scholars in Mineral Processing, chaired by associate professor Zhiyong Gao from Central South University, will be held on 26–28 April 2019, in Mianyang, China. We invite professionals from the mineral processing industry, researchers from institutions, as well as academic scholars to attend this conference and share the latest research progress in a wide range of topics concerning mineral processing in China and beyond. This Special Issue aims to select and publish high-quality research papers, short communications, and review articles presented in the conference. We are cordially inviting you to join us at the conference and also to submit your manuscript to this Special Issue. Dr. Zhiyong Gao

---

### Guest Editors

Prof. Dr. Zhiyong Gao

School of Minerals Processing and Bioengineering, Central South University, Changsha 410083, China

Prof. Dr. Przemyslaw B. Kowalczyk

Department of Geoscience and Petroleum, Norwegian University of Science and Technology, S.P. Andersens veg 15a, 7031 Trondheim, Norway

---

### Deadline for manuscript submissions

closed (15 November 2019)



## Minerals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.4



[mdpi.com/si/25290](https://mdpi.com/si/25290)

*Minerals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[minerals@mdpi.com](mailto:minerals@mdpi.com)

[mdpi.com/journal/  
minerals](https://mdpi.com/journal/minerals)





# Minerals

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 4.4



[mdpi.com/journal/  
minerals](https://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).