Special Issue

Flotation Chemistry, Volume II

Message from the Guest Editors

We invite contributions to this Special Issue on aspects listed in the keywords, covering recent advances and innovations in flotation chemistry: Keywords

- Minerals (sulfide oxides, silicates, sparingly soluble minerals, iron minerals, rare earth minerals, etc.)
- Mineral chemistry (surface reactivity, surface broken bonds, surface energy, wettability, surface hydration, surface charge, etc.)
- Reagents (collectors, depressants, dispersants, etc.)
- Reagent chemistry (QSAR, molecular design, assembly, etc.)
- Mineral/reagent interaction (molecular dynamics simulation, quantum chemistry simulation, AFM, XPS, QCM-D, SFG, etc.)
- Flotation

This Special Issue is dedicated to Prof. Yuehua Hu, who is currently Professor at the school of minerals processing and bioengineering, Central South University, on the occasion of his 60th birthday (to be celebrated on 1 January, 2022), and in honor of his many achievements in flotation chemistry.

Guest Editors

Prof. Dr. Zhiyong Gao

Dr. Wenjihao Hu

Dr. Peipei Wang

Dr. Kirsten Claire Corin

Dr. Ljudmilla Bokányi

Deadline for manuscript submissions

closed (31 December 2021)

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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.

Editor-in-Chief

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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 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).

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