



Flotation Chemistry, Volume II

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)

Message from the Guest Editors

Dear Colleagues,

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.





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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.

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Contact Us

Minerals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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