

Special Issue

Advances in Ore Characterization Methods for Comminution

Message from the Guest Editors

Contributions dealing with aspects of geometallurgy related to comminution—including small-scale comminution and ore characterizations methods to predict breakage behavior, grinding energy and comminution indices, and mineral liberation—are encouraged. In particular, studies dealing with drill core samples and the validation of proposed methods would be of great interest.

Keywords:

- comminution
- rock breakage
- liberation
- ore texture
- ore hardness
- grindability
- ore characterization
- grinding
- crushing
- grinding energy
- proxy method
- geometallurgy

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Deadline for manuscript submissions

closed (15 October 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.

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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).