Special Issue

New Developments in Mineral Processing by Physical Separation and Flotation Methods

Message from the Guest Editor

The purpose of this Special Issue is to provide papers featuring the latest developments in the fields of mineral processing by physical separation and flotation methods. Flotation is widely used to separate valuable minerals from rock and fine coal particles from clay, silt, shale, and other ash-producing matter. This Special Issue provides wide-ranging coverage of research and practical (operating) topics including process control, simulation and instrumentation, and environmental issues.

Guest Editor

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Deadline for manuscript submissions

closed (31 August 2020)



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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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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).