

Special Issue

Surface Chemistry in Mineral Processing and Extractive Metallurgy

Message from the Guest Editors

Dear Colleague, Mineral processing and extractive metallurgy produce metals for industry, mainly including beneficiation and (bio)hydrometallurgy. Surface reaction plays an important role and is even the determining step during the whole beneficiation and (bio)hydrometallurgy process. This Special Issue will focus on recent advances in the surface chemistry, mainly in (bio)flotation and (bio)hydrometallurgy, including but not limited to topics such as surface characterization of minerals; surface adsorption of chemicals and/or microorganisms; and surface corrosion and/or electrochemistry.

Guest Editors

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Deadline for manuscript submissions

closed (1 May 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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indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Mineralogy) / CiteScore - Q2 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18 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 2024).