minerals

an Open Access Journal by MDPI

IMPACT FACTOR 2.2

CITESCORE 4.1

Ore Mineralizations and Tectonic Processes in Mafic-Ultramafic Rocks

Guest Editor:

Deadline for manuscript submissions:
closed (31 January 2021)

Message from the Guest Editor

Mineralizations and ore-deposits in mafic–ultramafic complexes (i.e., oceanic lithosphere, subducted oceanic crust, and mantle wedge) are strictly controlled by tectonic processes and linked to brittle and ductile structures.

Fractures and cracks within the rocks represent important pathways for fluid circulation that triggers alteration and metasomatism of the protolites, breakdown of primary minerals, metal mobilization, and subsequent formation of new mineral assemblages within stockwork to sheeted extensional vein networks. Deformation during tectonic and/or metamorphic evolution of mafic–ultramafic complexes can induce re-concentration and thickening of pre-existing mineralizations, resulting in lens-shaped to boudin-like ore bodies locally achieving economic importance.

minerals

IMPACT FACTOR 2.2

CITESCORE 4.1

an Open Access Journal by MDPI

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.
Journal Rank: JCR - Q2 (*Geochemistry and Geophysics*) / CiteScore - Q2 (*Geology*)

Contact Us

Minerals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/minerals
minerals@mdpi.com
𝕏@Minerals_MDPI/