minerals

an Open Access Journal by MDPI

IMPACT FACTOR 2.2

CITESCORE 4.1

Accessory Minerals in Silicic Igneous Rocks

Guest Editor:

Dr. Hans-Jürgen Förster
Helmholtz Centre Potsdam German, Research Centre for Geosciences, GFZ DE-14473 Potsdam, Germany

Deadline for manuscript submissions:
closed (30 June 2020)

Message from the Guest Editor

Dear Colleagues,

Although minor in abundance and typically small in size, accessory minerals are of fundamental importance in deciphering the history of magmatic–hydrothermal systems. They may inherit information from magma sources, monitor the evolution of fractionating melts, and record information on mixing/mingling/contamination of melts. Accessory minerals constitute important geochronometers and essentially govern the enrichment/depletion of economically relevant elements. [...]

This Special Issue invites contributions that deal with accessory minerals and their behaviour during the entire evolution of silicic magmatic–hydrothermal systems, from the time/source of melting through fractionation/mixing/mingling of the generated magma until the time/place of crystallization/solidification, expelling of fluids and eventual generation of mineral deposits. We welcome contributions that use accessory minerals for dating the crystallization and alteration ages of rocks, reconstruct their *P*–*T*–*X* conditions during magma evolution, and monitor their metallogenic fertility.

Dr. habil. Hans-Jürgen Förster
Guest Editor

minerals

an Open Access Journal by MDPI

IMPACT FACTOR 2.2

CITESCORE 4.1

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 (*Mineralogy*) / 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/