



Battery Minerals

Guest Editor:

Dr. Rodrigo Serna-Guerrero

Department of Chemical and
Metallurgical Engineering, Aalto
University, PO Box 16200, 00076
Aalto, Finland

Deadline for manuscript
submissions:

closed (20 September 2020)

Message from the Guest Editor

The electrification of large industries, such as automotive and power generation, with the aim of reducing their environmental impact, has resulted in a forecasted demand for batteries with an unprecedented growth. Evidently, this is associated with questions on how sufficient raw materials will be provided to satisfy the ambitious targets set by governments and companies worldwide. New and more efficient technologies are therefore needed for the production and processing of battery minerals. Indeed, the future demand of rechargeable batteries is re-shaping the raw materials field, for example, with valuable metals such as Co no longer considered only as by-products, or the exploration of new sources of Li. In this Special Issue, we aim at bringing together experts working on finding solutions to the impending need for battery materials. Articles dealing with novel findings on extraction and processing technologies of battery raw materials from primary or secondary sources are welcomed. The submission of manuscripts touching on aspects of resource efficiency and circular economy is particularly encouraged.





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/](https://twitter.com/Minerals_MDPI/)