



Mineral-Related Oxo-Salts: Synthesis and Structural Crystallography

Guest Editors:

Dr. Tamara Đorđević

Institut für Mineralogie und
Kristallographie, Universität
Wien, Althanstrasse 14, A-1090
Wien, Austria

Dr. Natalia V. Zubkova

Department of Crystallography
and Crystal Chemistry,
Lomonosov Moscow State
University, 119991 Moscow,
Russia

Prof. Dr. Igor Djerdj

Department of Chemistry, Josip
Juraj Strossmayer University of
Osijek, Cara Hadrijana 8/a, HR-
31000 Osijek, Croatia

Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue is a tribute to the recently deceased Emeritus Professor of Mineralogy and Crystallography, Dr. Ekkehart Tillmanns. The Special Issue plans to include a representative group of papers in the field of synthesis and structural crystallography of mineral-related oxo-salts.

Within the last twenty-five years, there has been ever-increasing activity in the field of systematic treatment of various classes of mineral-like oxo-salts. Their technical use and/or environmental stability is based on their special physical and chemical behavior, which is intrinsically dependent on their crystal structure.

Therefore, the idea behind this Special Issue is to identify the most successful synthesis approaches applied to the preparation of the numerous classes of mineral-like oxo-salts. An additional focus of this Special Issue will also be the establishing of the correlation between the preparation conditions and crystal structure on the one hand, and the resulting properties and/or environmental stability on the other.

We look forward to receiving your contributions in the form of communications, full articles, or review papers.





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 (*Mining & Mineral Processing*) / CiteScore - Q2 (*Geology*)

Contact Us

Minerals Editorial Office
MDPI, St. Alban-Anlage 66
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/)