

Special Issue

Geochronology, Crystallography and Phase Transition in Shocked Minerals

Message from the Guest Editors

In recent years, geoscientists have significantly improved their understanding of planetary processes relating to the evolution of the Earth, moon, Mars, and other rocky bodies in our solar system. These breakthroughs became possible, in part, due to developments in high-resolution analytical techniques, [...] This Special Issue will include studies of impactites and planetary materials with a focus on geochemistry, geochronology, and phase transitions of rock-forming and accessory mineral phases. Such contributions should shed light on planetary tectonics and especially hypervelocity impact events. We cordially invite you to express your interest and to submit contributions to this Special Issue.

Guest Editors

Dr. Elizaveta Kovaleva

Dr. Matthew Huber

Dr. Martin Clark

Deadline for manuscript submissions

closed (31 December 2023)



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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

Prof. Dr. Leonid Dubrovinsky

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Author Benefits

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 and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 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 2025).