

## Special Issue

# Mineralogy, Geochemistry, and Origin of Agate: An Ongoing Challenge

### Message from the Guest Editors

We are pleased to announce this Minerals Special Issue, which focuses on one of the most spectacular varieties of silica—agate.

Current studies on agates aim to determine: (1) the mechanisms of the silica deposition; (2) the source and temperature of parental fluids (i.e., magmatic versus meteoric waters); (3) the spatial and genetic relationship between particular silica phases (i.e., length-slow and length-fast chalcedony); and/or (4) the origin of colouration in particular chalcedonic bands.

Experimental data involving the formation of agates as well as miscellaneous mineralogical-geochemical and related studies on these deposits around the globe would be appreciated in the following issue.

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### Guest Editors

Dr. Magdalena Dumańska-Słowik

Prof. Dr. Jens Götze

Tomasz Powolny

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### Deadline for manuscript submissions

closed (31 August 2023)



## Minerals

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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.

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### Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky

Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth,  
Germany

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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).