

## Special Issue

# Frontier of the K–Ar ( $^{40}\text{Ar}/^{39}\text{Ar}$ ) Geochronology

### Message from the Guest Editors

Radiogenic  $^{40}\text{Ar}$  was discovered from natural minerals in 1948, and the K–Ar dating method has been developed since the 1950s. Subsequently, the  $^{40}\text{Ar}/^{39}\text{Ar}$  dating method was established in the 1960s, and further developments in the application of the  $^{40}\text{Ar}/^{39}\text{Ar}$  led to improvement of the in situ dating technique. This Special Issue invites submissions from K–Ar ( $^{40}\text{Ar}/^{39}\text{Ar}$ ) geochronology and geochemistry within a multidisciplinary scope, including field observations, petrology, mineralogy, structural geology, and numerical modeling. Studies that help to better understand argon behavior in nature are particularly encouraged.

### Guest Editors

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### Deadline for manuscript submissions

closed (27 July 2022)



## 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

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