

Special Issue

Thermochronology at Temperatures Higher than 150 °C

Message from the Guest Editors

This Special Issue of Minerals invites contributions on the development and application of techniques that constrain thermal histories at $T > 150$ °C. These include the isotopic analyses of inert gases, as well as U–Pb and Sm–Nd analyses of various mineral phases. The purpose of this issue is to demonstrate the versatility of thermochronological methods in the Earth sciences by reviewing existing knowledge and collecting original research and data that advance analytical techniques.

Guest Editors

Dr. Richard Spikings

Dr. Cécile Gautheron

Dr. David Chew

Deadline for manuscript submissions

closed (18 February 2022)



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CiteScore 4.4



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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

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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).