Special Issue

Copper and Other Metallic Isotope Systems

Message from the Guest Editors

The field of metal isotope geochemistry has attracted great attention over the last two decades, and has benefited immensely from the introduction of MC-ICP-MS instruments. This advancement in instrumentation has finally brought the accurate and precise measurement of several novel isotope systems within our reach. As a result, studies that have leveraged metallic isotope systems (including Cu, Ni, Zn, Fe, Cr, and Mo) have made valuable contributions to our understanding of Earth systems and surface processes... We welcome original studies that highlight the value metal isotope systems provide in furthering our understand of natural processes, new approaches in metal isotope geochemistry (including novel analytical methods), high-resolution analysis (with an emphasis on in-situ laser ablation analysis), and experimental studies.

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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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