



Isotope Geochemistry

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submissions:

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Message from the Guest Editors

This special issue is intended to highlight the latest developments in isotope ratio analysis in geoscientific related fields. While we welcome contributions covering unique and novel applications of isotope ratio analyses, we would like to encourage in particular submission of studies that:

unambiguously demonstrate an advantage of using isotope ratio analyses over elemental data

the technical challenges of high precision isotope ratio measurements (i.e. analytically induced mass-independent isotope fractionation due to oxide and hydride formation, matrix effects, mass bias correction methods)

present new technical approaches for isotope ratio analyses, such as high resolution IRMS, laser-induced breakdown spectroscopy, and collision-cell MC-ICP-MS

discuss and propose common statistical assessment of isotope ratio data

demonstrate the application of isotope data in applied and industrial research

emphasize the potential for isotope ratio analyses for inter-disciplinary research approaches





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Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherent set of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

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