



ICP-MS Analysis for Rare Earth Elements

Guest Editor:

Dr. Stanislav Strekopytov

Solid State Analysis and Bio-
imaging, LGC, Middlesex, TW11
0LY, UK

Stanislav.Strekopytov@
lgcgroup.com

Deadline for manuscript
submissions:

10 October 2019

Message from the Guest Editor

Rare earth elements (REE), because of their coherent (geo)chemical properties, can be used as tracers of reactions and sources of materials within magmatic, hydrothermal and sedimentary systems. Over many decades, the improvements in the precision, accuracy and detection limits of analytical methods have been critical in establishing the role of these elements as universal tracers across the geo- and biosciences. Currently, ICP-MS is the most common method to determine the REE in a variety of matrices, including rocks, minerals, meteorites, sediments, soils, plants, dust and aerosols. This Special Issue provides a great opportunity to report advances both in the ICP-MS analysis of REE and the interpretation of results for particular geochemical and biogeochemical systems. In spite of the methodology being well established, it is still essential to understand constraints placed by both the sample preparation and the ICP-MS analysis itself, making this Special Issue a suitable forum to discuss them.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Paul Sylvester

Endowed Pevehouse Chair,
Department of Geosciences,
Texas Tech University, Lubbock,
TX 79409-1053, USA

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility: indexed by the Science Citation Index Expanded (Web of Science), Chemical Abstracts, INSPEC and GeoRef.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 18.8 days after submission; acceptance to publication is undertaken in 5.7 days (median values for papers published in this journal in the second half of 2018).

Contact Us

Minerals
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/minerals
minerals@mdpi.com