Special Issue

Mineralogy of Iron Ore Sinters

Message from the Guest Editors

For this Special Issue, we welcome contributions detailing fundamental physical chemical studies, experimental as well as theoretical, but also detailed characterization of the formation mechanisms of sinter mineral phases. We also solicit methodological studies employing cutting-edge analytics. The intention of this Special Issue is that it will contribute to a better understanding of how iron ore sinter mineralogy impacts sinter quality. The keywords are:

- Sinter mineralogy
- Crystal structures
- Phase equilibria
- Characterisation
- Formation mechanisms

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Deadline for manuscript submissions

closed (20 May 2019)

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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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Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

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).

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