Special Issue

Advances in Non-metallic Ore Separation

Message from the Guest Editors

At present, most kinds of non-metallic ore needs to separate gangue minerals, and high-purity non-metallic ore is more conducive to applications in high-end industries. Non-metallic mineral materials or composite non-metallic mineral materials have very mature application technologies in construction, soil remediation, wastewater treatment, the organic and inorganic chemical industry, machinery, photocatalysis, etc. With the advancement of technology, its performance requirements for non-metallic materials are becoming higher. The Special Issue of “Advances in Non-metallic Ore Separation” is highly welcomes researches to submit papers on topics that include the following: the synthesis of new non-metallic mineral, new or combined separated processes for non-metallic minerals flotation reagents for non-metallic minerals separation physicochemical property of non-metallic minerals processing, modification methods and mechanisms on non-metallic mineral surfaces. We welcome contributions from all practitioners of this scientific topic.

Guest Editors

Prof. Dr. Zijie Ren

Prof. Dr. Zhiming Sun

Dr. Yupeng Qian

Dr. Renji Zheng

Deadline for manuscript submissions

closed (28 April 2023)

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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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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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