Special Issue

North China Craton: Geochemistry, Mineralogy and Tectonic Evolution

Message from the Guest Editors

The North China Craton (NCC), a major Precambrian nucleus in Asia hosting a variety of mineral deposits, has been in focus during recent years with regard to craton destruction and refertilization. The northern margin of the NCC is strongly enriched in Au, Mo and Cu, and the southern margin is enriched in Au and Mo, while the eastern margin is characterized by Au. Therefore, systematically carding the differences and their intrinsic link with decratonization is of great significance to understanding the origin and investigating similar ore prospecting areas globally. This Special Issue aims at displaying recent achievements in the research of geochemistry, mineralogy and tectonic evolution in the North China Craton. We welcome studies about the genetic information embedded in different minerals of different ore systems, high-precision dating, hydrothermal evolution and new deep-probe achievements on magmatism and related tectonics and metallogeny. We also solicit methodological studies employing cutting-edge in situ analytics that can reflect the ore-forming fluid sources, metallogenic age and precipitation mechanism.

Guest Editors

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Deadline for manuscript submissions

closed (7 February 2024)

Minerals

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Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/155285

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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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