minerals

an Open Access Journal by MDPI

IMPACT FACTOR 2.5

CITESCORE 3.9

Graphite Minerals and Graphene

Guest Editors:

Prof. Dr. Qinfu Liu
School of Geosciences and Surveying Engineering, China University of Mining and Technology (Beijing), Beijing 100083, China

Dr. Kuo Li
School of Geosciences and Surveying Engineering, China University of Mining and Technology (Beijing), Beijing 100083, China

Dr. Shuai Zhang
School of Geosciences and Surveying Engineering, China University of Mining and Technology (Beijing), Beijing 100083, China

Message from the Guest Editors

Graphite generally occurs in three forms: microcrystalline, crystalline lump or vein, and crystalline flake. The microcrystalline graphite is formed through contact metamorphism of coal by large scale igneous intrusion. Flake graphite is assumed to form from ancient organic matters during long period of high-grade regional metamorphism. Vein graphite is assumed to be crystallized from thermal fluid. Graphite has some excellent great physical and chemical properties, such as lubricity, conductivity, anti-corrosion, high melting point in non-oxidizing condition etc.. Its consumption increases with the rapid development of electricity car and energy storage power station in recent years.

Deadline for manuscript submissions:
closed (30 April 2023)

mdpi.com/si/110718

Special Issue

minerals

an Open Access Journal by MDPI

IMPACT FACTOR 2.5

CITESCORE 3.9

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky
Bayerisches Geoinstitut,
University Bayreuth, D-95440
Bayreuth, Germany

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 within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.
Journal Rank: JCR - Q2 (*Mining & Mineral Processing*) / CiteScore - Q2 (*Geology*)

Contact Us

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

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/minerals
minerals@mdpi.com
𝕏@Minerals_MDPI/