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Mineral Deposits, Geotectonic Evolution and Mineralogical and Geochemical Characterization of Iberian Pyrite Belt—State of the Art

Guest Editors:

Dr. Luís Albardeiro

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Deadline for manuscript submissions:
30 November 2024

Message from the Guest Editors

Dear Colleagues,

The Iberian Pyrite Belt metallogenic province has long been explored/exploited for massive sulfides and associated minerals. The identification of mineralized ore lenses and ore deposit models to identify precise chronostratigraphic-based ore horizons with a great focus on mineral exploration purposes. Both sediment- and volcanic-hosted ore horizons have been studied from an isotope geochemistry point of view with the same purpose of searching and identifying new findings. Due to intense exploration geophysical campaigns in the last tens of years, new findings above 200–300 meters depth may be unexpected, being the 500–1000 meters depth or more the present exploration depth threshold. Therefore, front-line research in countless mineral deposit geology issues is extremely relevant to formulating, improving, and constricting geological models.

Having all these triggered questions in mind we invite all researchers with experience in the Iberian Pyrite Belt geology to submit their recent works, analytical techniques, new findings, or a state-of-the-art in particular geological aspects of this province.

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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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