Special Issue

Hydrometallurgical Processing of Base Metal Sulphides

Message from the Guest Editor

Base metals (and any associated PGMs and/or PMs) are generally recovered from sulphide concentrates in the initial stage using pyrometallurgical processing. However, as the grade and quality of sulphide resources continue to decline, it is becoming harder to generate feed materials that are suitable for smelting without incurring penalties. Apart from being employed for sulphide mattes, hydrometallurgical processes provide options for materials that are not amenable to smelting due to their low grade and/or impurity levels.

This Special Issue invites contributions that examine hydro- metallurgical processing technologies suitable for base metal sulphides and the various conventional steps from extraction to solution purification, metal concentration, and the recovery of the metal values. However, for some technologies, the focus instead is upon the removal of impurities and/or the enhancement of concentrate grade. Submissions on these subjects will enhance the expected diversity of this Special Issue. [...]

For further reading, please visit the Special Issue website at:
https://www.mdpi.com/journal/minerals/special_issues/HPBMS

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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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