Special Issue

Hydrometallurgy of Base and Precious Metals

Message from the Guest Editors

Precious metals are one of the most important pillars of many countries' economy. This leads to the intensive support of different governments to the research in the minerals industry. This Special Issue of *Minerals* covers the hydrometallurgical aspects of the processing of base and precious metals. This Issue covers all aspects of the extractive metallurgy of precious metals (gold and silver) and base metals (copper, nickel, cobalt, and zinc).This Issue was designed to include submissions for any topics related to the processing of precious and base metals including mineralogy, chemistry, electrochemistry, thermodynamics, kinetics, filtration, nanofiltration, leaching, activated carbon, solvent extraction (SX), ion exchange (IX), sulfide precipitation, electrowinning (EW), chemical reduction, process economics, and process control. Any publications in the areas of the treatment of different precious and base metal resources such ores, tailings, concentrates, and E-waste are welcomed to be submitted to this Special Issue.

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closed (15 May 2022)

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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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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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