Special Issue

Hydrometallurgy in the Recovery of Precious Metals from Secondary Resources

Message from the Guest Editors

It is well known that the current supply of precious metals cannot satisfy the market requirements. The recovery of these elements from secondary resources may be regarded as a suitable solution to overcome this issue. However, the well-known hydrometallurgical technologies used for the treatment of primary ores cannot be considered suitable for the treatment of waste materials. This is primarily due to their completely different structures and heterogenous compositions. In addition, the use of certain reagents has a considerable negative environmental impact; their use has thus been restricted or even banned.

The aim of this Special Issue is to publish scientific and overview papers that cover the above-mentioned areas.

Guest Editors

Dr. Ionela Birloaga

Department of Industrial Engineering, Information and Economy, University of L'Aquila, Monteluco di Roio, 67100 L'Aquila, Italy

Prof. Dr. Francesco Veglio

Department of Industrial and Information Engineering and Economy, University of L'Aquila, Via G. Gronchi 18, 67100 L'Aquila, Italy

Deadline for manuscript submissions

closed (29 February 2024)

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/158167

Minerals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
minerals@mdpi.com

mdpi.com/journal/minerals

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/journal/minerals

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

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

Author Benefits

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 and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

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).

MDPI