



## Hydrometallurgy in the Recovery of Precious Metals from Secondary Resources

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)**

### Message from the Guest Editors

Dear Colleagues,

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 heterogeneous 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.





## 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](http://www.mdpi.com)

[mdpi.com/journal/minerals](http://mdpi.com/journal/minerals)  
[minerals@mdpi.com](mailto:minerals@mdpi.com)  
[X@Minerals\\_MDPI/](https://twitter.com/Minerals_MDPI/)