metals

an Open Access Journal by MDPI

IMPACT FACTOR 2.5

CITESCORE 5.3

Recent Advances in Leaching and Extractive Metallurgy

Guest Editors:

Dr. Rahul Ram
School of Earth Atmosphere and Environment, Monash University, Melbourne, VIC, Australia

Dr. Mark I. Pownceby
CSIRO Mineral Resources, Research Way, Clayton, VIC 3168, Australia

Deadline for manuscript submissions:
closed (31 January 2022)

Message from the Guest Editors

The recovery of metals from ores, concentrates, and recycled or residual material plays an integral role in the multi-billion-dollar minerals processing industry. A combination of processes is integral across various stages in typical mining recovery and mineral processing circuits, be it comminution and/or beneficiation of the ore; leaching; flotation and smelting of the concentrate/matte; electro-refining and solvent exchange processes to obtain final product; or the treatment of waste tailings/slags.

There is an increased impetus to further advance and implement environmentally sustainable practices in the recovery of valuable metals through the development of novel leaching and extractive technologies in metallurgy. Papers on recent advances, and review articles—particularly in regard to fundamental science, extractive metallurgy, and the development of technologies in the processing of mineral commodities from their ores—are invited for inclusion in this Special Issue on “Recent Advances in Leaching and Extractive Metallurgy”.

metals

IMPACT FACTOR 2.5

CITESCORE 5.3

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Yong Zhang
Beijing Advanced Innovation Center of Materials Genome Engineering, State Key Laboratory for Advanced Metals and Materials, University of Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083, China

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Metals and Alloys)

Contact Us

Metals Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/metals
metals@mdpi.com
𝕏@Metals_MDPI