



Recent Development and Application of Resource Eco-Recovery

Guest Editor:

Dr. Nag-Choul Choi

Research Institute of Agriculture
and Life Sciences, Seoul National
University, Seoul 08826, Korea

Deadline for manuscript
submissions:

closed (20 July 2022)

Message from the Guest Editor

Bioleaching is a method for leaching of valuable resources present in sulfide minerals (pyrite, zinc, galena, covellite, etc.) using leachable bacteria. It is eco-friendly and economical compared to chemical leaching.

However, there are limitations such as regarding long leaching times, field application cases, and lack of technology to control leaching bacteria and improve leaching efficiency.

Therefore, there is a need for new bioleaching methods that can bypass or overcome these limitations.

This Special Issue “Recent Developments and Applications of Bioleach” aims to reflect on the recent advancements in bioleaching, which will encourage us to cope with the associated challenges. Any submissions related to abovementioned topics are welcome.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)