Special Issue

Extractive Metallurgy and Chemistry

Message from the Guest Editors

At present, many kinds of different industrial and municipal wastes have been accumulating worldwide. Many are hazardous to the environment due to their toxicity. One of the main directions to reduce accumulation of the wastes in landfills is their recycling to extract valuable elements. In such wastes, according to the type of treatment process, the contents of valuable elements vary significantly and can considerably exceed their contents in natural resources. The development of new recycling methods can lead to environmental improvement and increase the resource base of valuable elements. In this Special Issue, we encourage authors to submit papers related to processing of different wastes and low-grade natural resources to extract valuable elements or obtain end products using hydrometallurgical, pyrometallurgical, beneficiating, physical, biological, chemical, and combined methods. In particular, research on the recycling of different kinds of slag, dust, sludge, fly ash, tailings, scrap, spent catalysts, batteries, low-grade ores, MSWI residues, etc. are welcome for submission. Different fundamental and applied studies, as well as reviews, are expected.

Guest Editors

Dr. Valery G. Dyubanov

Dr. Dmitry Zinoveev

Pavel I. Grudinsky

Deadline for manuscript submissions

closed (31 March 2023)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/112647

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

mdpi.com/journal/crystals

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/journal/crystals

MDPI

About the Journal

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

Prof. Dr. Alessandra Toncelli
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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 (Crystallography) / CiteScore - Q2 (Condensed Matter Physics)