Determination and Extraction of Heavy Metals from Wastewater and Other Complex Matrices, Volume II

Guest Editors:

Dr. Franz Jirsa

Institute of Inorganic Chemistry, Faculty of Chemistry, University of Vienna, Althanstrasse 14, 1090 Vienna, Austria

Prof. Dr. José A. López-López

University of Cádiz, Faculty of Marine and Environmental Sciences, Marine Research Institute, Department of Analytical Chemistry, República Saharaui st, 11510 Puerto Real, Spain

Deadline for manuscript submissions:
closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

Heavy metals in complex matrices, such as wastewater and natural waters with high salinity, present several challenges. The analyses of these elements call for intensive sample pretreatment to avoid the interference of matrix components during the analyses, or the need for preconcentration of the analyte. On the other hand, the removal of heavy metals from such matrices calls for the development of task-specific methods and materials that show low interaction with matrix components, such as major ions and organic materials, and a high specificity towards the targeted metals. For this Special Issue, contributions are welcome that address the development of new methods for analyses and/or the removal of heavy metals from wastewater and other complex matrices.

Prof. Dr. Franz Jirsa
Prof. Dr. José A. López-López
Guest Editors

Special Issue

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 - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us