

Special Issue

Membrane Systems for Metal Ion Extraction, 2nd Edition

Message from the Guest Editor

I am pleased to invite you to submit your research for publication in a Special Issue on "Membrane Systems for Metal Ion Extraction, 2nd Edition". Two years ago, the first edition of the Special Issue was organized. Since then, remarkable progress has been made with the recent appearance of ionic liquids and deep eutectic solvents. Even today, water pollution has not sufficiently improved, and one of the causes is the increase in the concentration of toxic metal ions in the environment. Toxic metals are believed to be caused by so-called transboundary pollution due to atmospheric transport, accumulation in fish and other organisms, transfer associated with trade in products, etc. Metal adsorption using activated carbon and other methods to improve water quality has high running costs, one promising technology is the separation and concentration of metals using membranes. In this Special Issue, we welcome a wide range of submissions on metal separation using support liquid membranes, polymer inclusion membranes, natural polymer membranes such as chitosan, synthetic polymer membranes, and electrodialysis membranes.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375). *Membranes* is an international, peer-reviewed open access journal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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