

Special Issue

Membrane Application: Separation, Purification and Recovery of Metals in Industrial Wastes

Message from the Guest Editor

Membrane-based technologies, such as nanofiltration, reverse osmosis, and electrodialysis, have emerged as promising solutions for selective separation and recovery, offering high efficiency and lower energy consumption compared to traditional methods. We are particularly interested in studies that explore advancements in *membrane* materials, such as novel polymeric and ceramic *membranes*, and their effectiveness in extracting metals like copper, nickel, and precious metals from various waste streams.

Papers that address challenges such as *membrane* fouling, scalability, and economic feasibility will be highly valued. We also welcome case studies showcasing real-world applications and pilot projects that demonstrate the practical implications of these technologies. This is an excellent opportunity to contribute to the discourse on sustainable practices in metal recovery and to share your insights with a global audience of experts in the field. We look forward to receiving your submissions and advancing our understanding of *membrane* processes in the recovery of metals from industrial wastes.

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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