Special Issue

Membranes for Particle Separation

Message from the Guest Editor

Particle separation by membranes has been intensely studied in the field of chemical engineering and bioengineering. Not only should membrane preparation with inorganic and polymeric materials and functionalization with polymers and functional groups to the pore be considered, but also the efficiency of the particle. Moreover, during particle capturing, the permeability probably decreases, requiring the design of a membrane to prevent fouling. These kinds of membrane are currently applied to ceramics, biomolecules of food engineering, microorganisms, and exosomes. We invite manuscripts relating to membranes for particle separation that stress membrane preparation, mathematical models, and applications to particles with various sizes and elasticities.

Guest Editor

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Deadline for manuscript submissions

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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 accessjournal 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

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