Special Issue

Membrane Separation Techniques – Optimization and Application

Message from the Guest Editor

Membrane separation is an established technique used for processing in a wide range of industries, including water treatment, energy generation, biotechnology, food processing, and pharmaceutical production. The rationale for this Special Issue that will act as a forum to present the latest developments and opportunities for the application of membrane separation techniques. (SI link: www.mdpi.com/journal/applsci/special_issues/Membrane_Separation_Techniques) We invite authors globally to contribute original research articles and review papers defining the most recent developments and ideas in the application and optimisation of membrane separation techniques. Potential topics include, but are not limited to, the following:

- Development of membrane separation techniques
- Application of membrane techniques
- Optimisation methods for improved application of membranes
- Characterisation of membranes
- Novel configuration of membrane processes
- Fabrication and modification of membranes
- Case study of membranes applied in industry
- Fouling/biofouling of membranes

Keywords: Membranes, Separation, Water treatment, Fouling, Filtration, Osmosis, Membrane distillation

Guest Editor

Prof. Dr. Chris Wright

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Deadline for manuscript submissions

closed (30 November 2018)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/14890

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About the Journal

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.

Editor-in-Chief

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