

Special Issue

Preparation, Characterization and Modelling of Advanced Membranes

Message from the Guest Editors

This Special Issue of *Applied Sciences* aims to provide an overview of state-of-the-art research in the preparation, characterization, and modeling of advanced membranes. The envisaged applications range from gas and vapor separation, to pervaporation, nano-, ultra-, and micro-filtration, direct and reverse electrodialysis, forward and reverse osmosis, and all other fields where membranes play a central role. It is a collection of publications that focus on the membrane materials, their synthesis, properties and performance, both from the experimental viewpoint and through modeling approaches. Keywords

- polymeric membranes
- mixed matrix membranes
- inorganic membranes
- gas separation
- membrane filtration
- fouling
- membrane contactors
- membrane preparation and characterization
- sustainability

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Deadline for manuscript submissions

closed (30 June 2020)



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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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