

Special Issue

Advanced Polymeric Materials for Membrane Technology

Message from the Guest Editors

Membrane processes have gained an important place in the world due to their effectiveness, sustainability, and low environmental impact. Polymer membranes with tailored properties obtained by bulk or surface modification by different approaches or prepared from new designed polymers are of significant fundamental and industrial interest in various fields. Novel

preparation and modification techniques for polymer membranes help to develop emission-free “green” membrane processes that are particularly necessary for modern society. Special emphasis will be placed on but not limited to the following:

- Membrane development;
- Membrane characterization;
- Bulk membrane modification;
- Surface membrane modification (plasma, layer-by-layer, thin layers);
- Membrane transport properties;
- Simulation of membrane processes;
- Application of novel membrane materials.

Guest Editors

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Dr. Mariia E. Dmitrenko

Dr. Tatiana Plisko

Deadline for manuscript submissions

closed (30 September 2021)



Polymers

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Impact Factor 4.9
CiteScore 9.7
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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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