



Recent Trends in Polymer Membranes: Fabrication Technique, Characterization, Functionalization, and Applications in Environmental Science, 2nd Edition

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Message from the Guest Editors

More than 90% of the water in the world is comprised of salty water, and only about 2.5% can be used for human consumption. Among this proportion, most water resources are polluted by various industrial dyes, toxic metallic ions, drugs, pesticides, bacteria, and other aromatic organic chemicals. Polymer membranes with 3D networks and nanoporous structures provide a potential way to treat these pollutants in wastewater in order to obtain cleaning drinking water. The functionalization of polymer membranes with suitable chemicals, nanoparticles, and 2D graphene-like materials exhibits the possibility to create functional antifouling and antibacterial membrane materials.

Therefore, in this Special Issue of *Polymers*, we would like to collect contributions that focus on (but are not limited to) the design, fabrication, structural and functional regulation, and application of various polymeric membranes. Submissions in the form of full-length articles and reviews are invited.

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Message from the Editor-in-Chief

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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.

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