



Advanced Photoactive Polymer Membranes for Water Treatment

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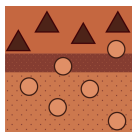
Message from the Guest Editors

In this issue, we aim to cover new research on photoactive polymer membranes for water treatment. In this context we understand that photoactive means any reaction due to irradiation with light. This can include any modification of a polymer membrane that changes its properties (e.g. hydrophilicity, pore size) as a result of irradiation with light. In addition, membrane systems that can be activated by light (e.g. implementation of photocatalysts, photosensitizers, photoactive enzymes) to degrade pollutants from water are to be included in this issue. A particular focus is on the design of smart membrane modules for efficient use of light.

Keywords:

- Water purification
- Wastewater treatment
- Photocatalysis
- Photosensitizers
- Polymer-based membranes
- Photoactive enzymes
- Photoactive membranes





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Message from the Editor-in-Chief

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Membranes is an international, peer-reviewed open access journal 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.

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