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Membranes for Gas Separation

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Message from the Guest Editors

Generally, gas emissions can be removed using various methods, such as absorption, adsorption, cryogenic distillation, etc. Gas separation via the employment of membranes is noteworthy due to their high energy efficiency and productivity, and effective integration with the plants among the technologies for gas removal. However, there are still information gaps in the fields of membrane preparation and characterization, separation mechanisms, process optimization, and large-scale applications. Based on these ideas, we are inviting authors to submit original research and review papers in a broad range of topics for the Special Issue on “Membranes for Gas Separation”. Experimental and modeling works focused on gas separation using membrane approaches in a wide variety of application fields as well as reviews or technical notes in terms of the emerging and promising technologies on latest developments in gas separation membranes are highly welcome.

Deadline for manuscript
submissions:

closed (31 July 2020)



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Special Issue



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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

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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