

Special Issue

Graphene Oxide Membranes— Synthesis, Properties, and Applications

Message from the Guest Editors

Taking into account the growing interest of fundamental science and applied materials science in graphene oxide membranes, we are planning to publish a special issue entitled «Graphene Oxide Membranes - Synthesis, Properties, and Application», and we invite you to participate in this project. Now days it is well known that graphene oxide membranes have a unique selective permeability for liquids, gases, and hydrated ions, and the membranes have a high potential for practical applications. It has been shown that the properties of these materials are largely dependent on their internal structure, which, in turn, can be controlled by the synthesis conditions. The time has come to combine our knowledge of the macroscopic properties of graphene oxide membranes with the results of studies of lamellar structure of the membranes, their orientational order, and the properties of substances intercalated into the inter-plane and inter-lamellar spaces. We welcome both original scientific articles and review publications.

Guest Editors

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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