Special Issue

Application of Ferroelectric-Polymer Composites

Message from the Guest Editors

A library of organic and/or inorganic components with varied morphologies has been introduced into ferroelectric polymers to form composites, which have been demonstrated to be successful in improving multiple physical properties at different scales and have led to a broad range of energy- and electronics-related applications. This *Membranes* Special Issue, entitled "Applications of Ferroelectric-Polymer Composites," intends to gather original studies, as full papers or short communications, and critical reviews on the development and application of advanced ferroelectric-polymer composites. It seeks to include but is not limited to the modification and fabrication of ferroelectric-polymer composites (FPCs), high-energy-density FPCs for electrical energy storage, high-*k* FPCs for transistors, FPCs for piezo- and pyroelectric transducers, FPCs for flexible electronics, nanogenerators based on FPCs for mechanical energy harvesting, and FPCs with high electrocaloric effect for solid-state cooling. Furthermore, the development and manufacturing of electronic devices and systems related to the above topics are welcome.

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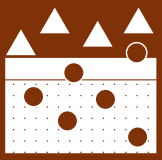

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Message from the Editor-in-Chief

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 accessjournal 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

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