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Composite Electrolyte & Electrode Membranes for Electrochemical Energy Storage & Conversion Devices

Guest Editor:

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Deadline for manuscript submissions:
closed (31 January 2020)

Message from the Guest Editor

Dear Colleagues,

Electrode chemistry and formulation play a key role in the performance and safety of electrochemical devices. For instance, electrodes, in addition to electrochemical active species, have to contain passive components (electronic and/or ionic conductor, binder, etc.), which, even if not affecting the energy density, strongly influence the power density, cycling behavior, and reliability of the device. Therefore, although well-known over time, these issues are currently under deep investigation worldwide.

This Special Issue will offer an appealing forum to bring together the latest results obtained by key laboratories presently involved in R and D of composite electrodes for batteries, supercapacitors, and fuel cells. Again, this Special Issue represents an optimal site for welcoming the latest innovations and, accordingly, authors from top laboratories are invited to submit their forthcoming results.

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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.

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