

an Open Access Journal by MDPI

Polymer Electrolyte for Energy Devices

Guest Editors:

Dr. Faiz Ahmed

Le Laboratoire d'Electrochimie et de Physicochimie des Matériaux et des Interfaces UMR5279 CNRS-GRENOBLE-INP-UDS-UJF Bat phelma,1130, University Grenoble Alpes 38402, Saint Martin d'heres CEDEX, France

Dr. Mohammad Afsar Uddin

Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign, 405 N. Mathews Ave, Urbana, IL 61801, USA

Deadline for manuscript submissions:
closed (10 August 2022)

Message from the Guest Editors

From the last few decades, fuel consumption and environment pollution have been key issues in the modern scientific research world. For this reason, researchers are giving focus to study in different sectors such as electric transportation, environmental friendly behavior, and factors of environmental pollution. Polymer electrolyte for Energy Devices (Battery, Fuel Cell, and Solar Cell, etc.), have been paid increasing attention in recent decades due to their high energy density, long cycle lives, and high efficiency.

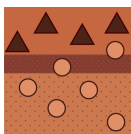
This Special Issue of the journal Membranes seeks contributions to assess the state-of-the-art and future developments in the research area of polymer electrolytes in high energy and safe energy storage device applications. Topics include, but are not limited to, novel polymer developments, polymer/ceramic composite electrolytes, manufacturing techniques, characterization, demonstration efforts, and industrial exploitation. Authors are invited to submit their latest results; both original papers and reviews are welcome.

We look forward to receiving your outstanding work for this Special Issue.



mdpi.com/si/85439

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Spas D. Kolev

School of Chemistry, The
University of Melbourne,
Melbourne, VIC 3010, Australia

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubMed, PMC, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Physical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

Contact Us

Membranes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/membranes
membranes@mdpi.com
[X@Membranes_MDPI](https://x.com/Membranes_MDPI)