Special Issue

Thermodynamic Modelling in Membrane

Message from the Guest Editors

Membrane transport (mass, charge, energy, etc.) through artificial and biological membranes, generated by various thermodynamic forces, is one of the basic processes occurring in thermodynamic systems. A convenient way to study membrane transport is through the construction of thermodynamic models and, if possible, their experimental verification or falsification. We invite scientists to submit original research and/or review papers focused on this important area of membrane science, the field of thermodynamic modeling of transport in membrane systems, emphasizing recent findings and developments, future challenges, and/or new opportunities in which to develop guidelines for future research directions.

Guest Editors

Prof. Dr. Andrzej Ślęzak

Collegium Medicum, Jan Dlugosz University, 13/15 Armia Krajowa Al., 42200 Częstochowa, Poland

Dr. Kornelia Batko

Department of Business Informatics, University of Economics in Katowice, 40-287 Katowice, Poland

Deadline for manuscript submissions

closed (31 December 2021)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/50079

Entropy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

mdpi.com/journal/entropy

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/journal/entropy

About the Journal

Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

Entropy is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

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), Inspec, PubMed, PMC, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Physics, Multidisciplinary) / CiteScore - Q1 (Mathematical Physics)

MDPI