Special Issue

Energy Transfer in Liquids

Message from the Guest Editor

The aim of this Special Issue is to bring together a diverse range of experimental, theoretical, and computational studies encompassing various aspects of energy transfer in liquids. The scope spans molecular liquids, ionic liquids, and liquid mixtures, thus offering a wide range of themes. The energy transfer processes explored in this issue span a wide spectrum of timescales, ranging from ultrafast to slow. Theoretical and experimental techniques include quantum mechanical, statistical mechanics, thermodynamic, and fluid mechanics approaches. Applications extend to various disciplines such as physics, chemistry, biology, engineering, and geology. In addition to original research articles, we welcome reviews and educational papers that contribute to the understanding of this subject.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2025)

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About the Journal

Message from the Editor-in-Chief

Liquids represent a rich and interdisciplinary field of research that encompasses the theory of liquid state in physics, a large part of synthetic and analytical chemistry, an overwhelming fraction of biology, fluid dynamics in engineering and meteorology. Since the second half of the past century, the discovery of new spectroscopies and the advent of computational simulations have allowed an unprecedented number of researchers to undertake the study of liquid systems and to provide an uncountable number of societally impacting discoveries. With this journal, we intend to provide a place for a rapid publication of your research, a rigorous peer-review process and we look forward to receiving your submissions.

Editor-in-Chief

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