Special Issue

Recent Advances in Gels for Electrochemical Energy Storage and Conversion

Message from the Guest Editors

We are delighted to launch the Special Issue “Recent Advances in Gels for Electrochemical Energy Storage and Conversion” to broad the general readership of the Journal of *Gels* and more importantly to promote the development of advanced nanotechnology for the next-generation of electrochemical energy storage. This Special Issue will focus on any aspect of the synthesis, production, structure and properties of any types of gels, and particularly their applications on electrochemical energy storage and conversion, such as polymer-gel electrolytes, elastomeric electrodes with enhanced mechanical properties, conductive 3D aerogel electrodes with practical level of mass loading, hydrogel in batteries and supercapacitors, hydrogel in energy conversion devices, etc. We welcome your submission of your original reports and review papers dealing with the aforementioned research scopes.

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Gels (ISSN 2310-2861) is recently established international, open access journal on physical and chemical gel-based materials. The journal aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. General topics include but not limited to synthesis, characterization and applications of new organogels, hydrogels and ionic gels made either from low molecular weight compounds or polymers, composite and hybrid materials where a metal is by some means incorporated into the gel network, and computational studies of these materials in order to provide a better understanding of gelation mechanism. We cordially invite you to consider publishing with us and contribute with your own grain of sand to the advance in this fascinating field.

Editor-in-Chief

Prof. Dr. Esmaiel Jabbari
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manuscripts are peer-reviewed and a first decision is provided to authors approximately 12.5 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).