Special Issue

Polymer-Based Gels

Message from the Guest Editors

Polymer-based gels represent a unique and versatile class of materials characterized by their ability to absorb significant amounts of solvent while maintaining their structural integrity.We are pleased to invite you to contribute to this Special Issue highlighting the importance of this research area, delving into the intricate world of polymer-based gels, and exploring their fundamental properties, their diverse applications, and the latest innovations driving their future.This Special Issue will serve as an essential resource for researchers, engineers, and students, offering a thorough understanding of the science and technology behind polymer gels and sparking new ideas for their application in solving some of the world's most pressing challenges.

Guest Editors

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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

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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).