Special Issue

Recent Advances in Polymeric Cryogels

Message from the Guest Editors

Polymeric cryogels have long been known as soft solid materials with unceasing interest given by their perhaps endless application potential. Cryogels can exhibit many unique properties among gels, including a highly interconnected macroporous structure, a supreme solvent-adsorption capacity (water-adsorption in the case of hydrogels), excellent shape-memory properties, and injectability. This Special Issue of Gels on Recent advances in polymeric cryogels is an excellent opportunity to stand out and show your cryogels to the scientific community. Have you developed cryogels from new polymers or designed smart cryogels for a new application? Do you want to present a new tool to study cryogels? Do not hesitate to submit your manuscript to this Special Issue of Gels!
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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.

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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).