

Special Issue

Composite Hydrogels: From Fundamental Research to Application

Message from the Guest Editors

This Special Issue, entitled "Composite Hydrogels: From Fundamental Research to Application", seeks to collect innovative research on the synthesis, characterization, and application of composite hydrogels. We welcome submissions that explore theoretical models, experimental breakthroughs, and interdisciplinary approaches that advance our understanding and the utility of these materials. Contributions that highlight sustainable and biodegradable composite hydrogels are particularly encouraged, reflecting the growing need for environmentally responsible solutions. Let us explore this dynamic field together and catalyze the transition from fundamental research to practical applications. We look forward to receiving your contributions, which will present exciting advancements in composite hydrogel science and technology.

Guest Editors

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Deadline for manuscript submissions

closed (15 August 2025)



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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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