

Special Issue

Multifunctional Gel Materials: From Design to Applications

Message from the Guest Editor

This Special Issue aims to provide a platform for reporting the latest progress in the design, fabrication, characterization, and application of multifunctional gel materials. We welcome original research articles and comprehensive reviews covering, but not limited to, smart and stimuli-responsive gels, multifunctional hydrogel composites, bioactive and conductive gels, injectable and adhesive gels, self-healing materials, gel-based therapeutic systems, advanced manufacturing technologies including 3D printing, and emerging biomedical and engineering applications. Studies focusing on the relationship between material design, functional mechanisms, and practical performance are particularly encouraged.

Guest Editor

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Deadline for manuscript submissions

31 December 2027



Gels

an Open Access Journal
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Impact Factor 6.4
CiteScore 10.3
Indexed in PubMed



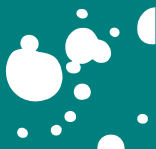
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About the Journal

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 13 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).