Special Issue

Innovative Soft Materials with a Focus on Gels

Message from the Guest Editor

This Special Issue, titled “Innovative Soft Materials with a Focus on Gels”, aims to shed light on the advancements, properties, and applications of gels in the field of materials science, which covers a variety of research topics related to gels, including their synthesis, characterization, properties, and their use in advanced applications such as biotechnology, electronics, and cultural heritage protection. While significant progress has been made in the development of hydrogels in recent years, several challenges remain due to their high complexities in molecular interactions. These pressing issues range from preparation, processing, and characterization to practical applications.

Overall, this Special Issue aims to provide an in-depth understanding of the recent advancements in and applications of gel materials. We hope that the research articles we publish contribute to the growing body of knowledge on gel materials and inspire further exploration and innovation in this exciting field.

Guest Editor

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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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Author Benefits

High visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Polymer Science) / CiteScore - Q1 (Organic Chemistry)

Rapid Publication:

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).

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