Special Issue

Recent Advances in Aerogels

Message from the Guest Editors

The field of aerogels has seen tremendous growth in recent years. The potential of those materials has been recognized, and they have been used extensively in both research and real-life applications. Even though there are still some disagreements around the definition of aerogels, research on those highly porous materials with high surface areas and other advanced properties is growing exponentially. Disseminations of new findings are mainly focusing on the real-life applications of such materials in drug delivery systems, tissue engineering, insulation, energy storage, and buildings, to name a few. With the development of new routes to aerogel synthesis, some old characterization methods are also being questioned and new ones investigated. New materials from inorganic, organic, and hybrid aerogels are being prepared with unique properties and functionalities. Therefore, we look forward to the submission of new results to this Special Issue on "Recent Advances in Aerogels". The submission of both theoretical and experimental studies is welcome.

Guest Editors

Dr. Gabrijela Horvat

Faculty of Chemistry and Chemical Engineering, University of Maribor, Smetanova 17, 2000 Maribor, Slovenia

Dr. Uroš Maver

Department of Pharmacology, Faculty of Medicine, University of Maribor, Taborska ulica 8, SI-2000 Maribor, Slovenia

Deadline for manuscript submissions

closed (30 November 2023)

Gels

an Open Access Journal by MDPI

Impact Factor 5.3
CiteScore 7.6
Indexed in PubMed

mdpi.com/si/103537

Gels
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
gels@mdpi.com

mdpi.com/journal/gels

Gels

an Open Access Journal by MDPI

Impact Factor 5.3
CiteScore 7.6
Indexed in PubMed

mdpi.com/journal/gels

MDPI

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
Biomimetic Materials and Tissue Engineering Laboratory, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208, USA

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).