Special Issue

State-of-the-Art Gel Research in China

Message from the Guest Editors

In this Special Issue, we will showcase high-quality gel research from China. The Issue aims to highlight state-of-the-art advancements in gel-related materials, e.g., hydrogels and organogels, aerogels/xerogels, hybrid/composite gels, and micro/nano-gels. Potential topics include, but are not limited to, functional network design, mechanics, dynamics, physical/chemical properties, and various smart features. We will also focus on the promising interdisciplinary applications of these soft materials, such as in medical uses, bioengineering, smart sensors, iontronic devices, soft machines, thermal insulation, environmental treatments, in the food industry, and in energy storage. We highly anticipate this Special Issue as it promises to bring forth the newest developments in Chinese gel research. We sincerely invite researchers and scholars in China to submit original articles or short communications reporting the newest and exciting research results on gel materials, or reviews on the advancements and challenges in soft matter science. We hope that this Issue will provide an open, smooth, and efficient platform for relevant researchers and communities.

Guest Editors

Dr. Ziguang Zhao
Dr. Weipeng Chen
Dr. Chongyu Zhu

Deadline for manuscript submissions

closed (31 March 2026)

Gels

an Open Access Journal by MDPI

Impact Factor 5.3
CiteScore 7.6
Indexed in PubMed

mdpi.com/si/194272

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 Editorial Board

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.

Editors-in-Chief

Prof. Dr. Esmaiel Jabbari
Biomimetic Materials and Tissue Engineering Laboratory, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208, USA

Prof. Dr. Chuanliang Feng
State Key Lab of Metal Matrix Composites, School of Materials Science and Engineering, Shanghai Jiao Tong University, Shanghai 200240, China

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 13.5 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).