

Special Issue

Supramolecular/Supramolecular Hybrid Hydrogel

Message from the Guest Editor

This Special Issue will provide a platform to display and discuss recent advances in supramolecular hydrogels and hybrid hydrogels comprised of supramolecular interactions or structures. Specific topics covered include but are not limited to the following: the progress of the supramolecular/supramolecular hybrid hydrogels, polymer-supramolecular hydrogel design, injectable or printable hydrogels, the molecular engineering of supramolecular complex and non-covalent crosslinking design, the study of hydrogel network and mechanical properties of hydrogels, effects of supramolecular networks on hydrogel properties, supramolecular self-assembly in hydrogels, the study of applications such as injectable hydrogels for drug release and printable hydrogels for tissue engineering.

Guest Editor

Dr. Bin Xue

Department of Biophysics, School of Physics, Nanjing University, Nanjing 210093, China

Deadline for manuscript submissions

closed (30 April 2022)



Gels

an Open Access Journal
by MDPI

Impact Factor 5.3
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/81786

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

mdpi.com/journal/

[gels](https://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](https://mdpi.com/journal/gels)



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. Esmail 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, CAPIus / 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).