

## Special Issue

# Synthesis and Applications of Hydrogels

### Message from the Guest Editor

Hydrogels have been used for producing contact lenses, flexible sensors and actuators, adhesives, wound dressings, and hygiene products, and are critical to achieving the controlled release of bioactive molecules. This Special Issue aims to report the most recent research and advances in hydrogel synthesis and applications, such as sensors and actuators, adhesives, 3D printing, etc. Research on new methodologies, mechanism studies, and those on the modelling of hydrogels are also welcomed.

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### Guest Editor

Dr. Jun Huang

School of Mechanical Engineering, Shandong University, Jinan 250061, China

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### Deadline for manuscript submissions

closed (31 July 2023)



## Gels

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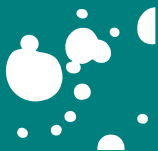


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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Esmail Jabbari

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

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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 - Q2 (Polymers and Plastics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 10.9 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2024).