

## Special Issue

# Functional Gels for Agricultural and Environmental Applications

### Message from the Guest Editors

Gels (aerogels, hydrogels, etc.) have a huge potential in agricultural and environmental applications due to their abundant porous structure and surface groups, great mechanical strength, excellent design flexibility, and biocompatibility. However, developing functional gels for broader application scenarios and better application effects is still a big challenge. This Special Issue is focused on the synthesis and characterization of novel functional gel-based materials and their agricultural and environmental application. We look forward to the submission of frontier studies and reviews on the development and application of functional gels in agricultural and environmental fields. For more information, please visit: [mdpi.com/si/125489](https://mdpi.com/si/125489)

### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2023)



## Gels

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Impact Factor 5.3  
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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

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#### Journal Rank:

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

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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).