

Special Issue

Synthesis and Applications of Hydrogels (2nd Edition)

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.

Guest Editor

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Deadline for manuscript submissions

closed (10 January 2025)



Gels

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Impact Factor 5.3
CiteScore 10.3
Indexed in PubMed



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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.

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