Special Issue

Supramolecular Gels: New Knowledge

Message from the Guest Editor

Nature employs a combination of supramolecular interactions (e.g., electrostatic, hydrophobic, π–π, cation/anion–π, van der Waals forces, hydrogen bonding, and metal coordination) to generate hierarchically-ordered structures with remarkable stimuli-responsive properties. The same structure-directing forces can, in principle, be employed for the realization of man-made assemblies with similar or perhaps even greater utility. We warmly welcome submissions related to the preparation, characterization, and applications of supramolecular gels, as well as gelation mechanisms. Special focus will be given to any emerging application of these fascinating materials. Fields such as biomedicine, catalysis, energy, coatings, cosmetics, health care, etc. should be great beneficiaries of this Special Issue.

Guest Editor

Prof. Dr. John Hardy
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Deadline for manuscript submissions

closed (31 August 2021)

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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.

Editor-in-Chief

Prof. Dr. Esmaiel Jabbari
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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 - Q1 (Organic Chemistry)

Rapid Publication:

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).

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