

Special Issue

Advance in Multicomponent Supramolecular Gels

Message from the Guest Editors

Stimuli-responsive supramolecular gels have prospered in the last decade, and have attracted increasing attention in the fields of environment remediation, biosensors, drug delivery, photoswitch, and self-healing materials. Multicomponent supramolecular self-assembly can be achieved to control the self-assembly process, and it provides the possibility to generate a wider and more complex structure, enhance modularity, and provide spatiotemporal control of self-assembly. Based on the great progress achieved in recent years in the field of multicomponent gels, we have organized this Special Issue on “Advance in Multicomponent Supramolecular Gels” with the aim to summarize both original research articles and review papers on the most recent achievements in the multicomponent self-assembly of molecules, the tuning of morphology and functionality of multicomponent self-assembled systems, the new properties that have emerged from mixing, and the potential implications for the design of materials. We look forward to the submission of new results and reviews associated with multicomponent gels.

Guest Editors

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Deadline for manuscript submissions

closed (20 April 2024)



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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. Esmail Jabbari

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