



gels



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Advances in Acrylate-Based Hydrogels

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Message from the Guest Editors

This Special Issue is aimed at recent broad developments in acrylate-based hydrogels in the science and engineering fields.

Due to freedom of composition and internal bonding modifications, acrylate-based hydrogels can have particularly distinguishable physical, chemical, and biological properties. Based on this, acrylate-based hydrogels have been studied and applied in varied fields, including 3D prints, robotics, biomedicines, environments, optics, acoustics, and so on. Thus, this Special Issue will collect papers on the application directions in the field, which will be of interest to the entire scientific community.

Contributions in the form of reviews and original articles are both welcome.



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Special Issue



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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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