



gels



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Gels in Sensing Applications

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Message from the Guest Editor

Sensors are widely used in many applications, such as soft robotics, drug carriers and releasing monitoring, human healthy, environment monitoring, etc. Gels, including hydrogels or organogels, possess three-dimensional networks containing a large amount of water or organic solvent, with a tunable Young's modulus, stretchability, loaded ability, and good biocompatibility. As a result, various kinds of gels are ideal material platforms for sensing application.

Thus, it is our pleasure to announce a new Special Issue of *Gels*, which will focus on gels that serve as sensors applied in various fields. Topics of interest for this Special Issue include, but are not restricted to:

1. Strain sensors;
2. Smart florescent sensing;
3. Environmental monitoring;
4. The design and application of advanced gels for sensing applications.



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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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