



gels



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Aerogels and Their Composites: Fabrication, Properties and Application

Guest Editor:

Dr. Pradip B. Sarawade

Department of Physics, University of Mumbai, Mumbai, India

Deadline for manuscript submissions:

closed (29 February 2024)

Message from the Guest Editor

This Section of Gel Applications aims to publish papers on all types of applications related to gel-based materials and their composites. Applications using gels at the macro-, micro-, and nanoscale are covered in this Section. Any applications, from traditional to advanced, are covered in the following topics:

- Biomedical and pharmaceutical applications of gels;
- Functional gels and their composites for sensors and actuators;
- 3D/4D printing of gel-based materials and their composites;
- Gels for food product development;
- Engineered gels for environmental applications;
- Applications of gel-based materials and their composites in energy generation and storage;
- Functional gels for enhancing oil recovery;
- Gels for agriculture applications.



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Special Issue



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Editor-in-Chief

Prof. Dr. Esmail Jabbari

Biomimetic Materials and Tissue Engineering Laboratory,
Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208, USA

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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Gels Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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