Special Issue

Functional Properties and Applications of Aerogel Materials

Message from the Guest Editors

We are delighted to introduce this Special Issue, entitled "Functional Properties and Applications of Aerogel Materials," which aims to explore the latest advancements in understanding the unique functional characteristics of aerogel materials. Aerogels have attracted significant attention in research and application domains due to their highly porous structure and exceptional properties, such as low density, high surface area, and excellent thermal insulation. The articles in this Special Issue showcase the latest research findings on the intricate interplay between the structure and properties of aerogel materials. They also explore innovative approaches to surface functionalization and delve into the applications of aerogel materials in energy storage, environmental remediation, and biomedical engineering. We encourage you to explore this Special Issue and investigate the remarkable functional properties of aerogel materials. Thank you for your contributions and support in advancing the understanding and utilization of aerogel materials.

Guest Editors

Dr. Qiong Liu

Prof. Dr. Dongmei Huang

Dr. Weiwang Chen

Dr. Sizhao Zhang

Deadline for manuscript submissions

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Gels
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
gels@mdpi.com

mdpi.com/journal/gels

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

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