



gels



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Aerogel Hybrids and Nanocomposites

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Deadline for manuscript submissions:

closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

Aerogels are amazing lightweight solids, and the most beautiful ones have the rightly deserved name of solid smoke. They vary widely in their composition and can be of inorganic or organic origin. Due to their extremely low density, huge specific surface area, and open mesoporous structure, single-component aerogels have already claimed dozens of applications.

The Special Issue “Aerogel Hybrids and Nanocomposites” would like to focus on any aspect of the synthesis, production, structure, properties, and any applications of such complex aerogel materials while paying special attention to the cooperation between the hybrid matrix components and the guest particles.

Both original papers and reviews dealing with the synthesis, properties, and applications of inorganic, organic, or organic–inorganic aerogel hybrids or nanocomposites are 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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