Special Issue

Aerogels: Recent Progress in Novel Applications

Message from the Guest Editors

This Special Issue is dedicated to the aerogels widely used in adsorption, separation, catalysis, bioscience, and thermal insulation, and so forth, based upon manipulating their microstructure regulation mechanism and property optimization strategy. Aerogels mostly originated from gels are mesoporous solid materials with high porosity and low bulk density, and are generally classified as superinsulators owing to their rich nanoporous structure and as adsorbents and catalysts due to their high specific surface area. All these frontline strategies enrich the current state of the art of aerogels and bring new opportunities to various application fields. We welcome submissions in this exciting field and look forward to learning and exchanging professional knowledge and new insights that these works will provide.

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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

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