

Special Issue

Gels for Flexible Electronics and Energy Devices

Message from the Guest Editors

It is our great pleasure to invite you to contribute to this Special Issue of Gels on “Gels for Flexible Electronics and Energy Devices”.

The field of flexible electronics has been undergoing booming development, showing promise to revolutionize healthcare, the internet of things, and everyday electronics, hallmarked by products such as electronic skins, soft robots, and human-machine interfaces. Hydrogels play a key role as materials for such applications due to their high biocompatibility, mechanical compliances, widely tunable properties, and interesting charge transport behaviors. These characteristics make gels good sensing units for flexible and stretchable pressure/strain sensors, electrolytes and separators that enable flexible electrochemical energy storage devices, active materials in novel flexible generators that harvest energy from ambient environments.

Both research and review works that are related to this topic are welcome. We look forward to seeing your valuable contributions soon!

Guest Editors

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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. Esmail Jabbari

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