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Recent Advances in Wearable Gel-Based Flexible Electronics

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

Society has rapidly progressed in recent decades from the industrial revolution to the era of digital innovation. Digital technology allows for robust, convenient, and on-demand information acquisition. Flexible electronics-based wearable devices, from jewelry to clothing, are probably one of the digital technologies that we have the closest contact with. These devices do not just function as usual electronics, but they come into contact with our body and operate as a tracker to help us to trace our physical activities and understand the physiological status of our body, e.g., steps and heartbeat. Gels offer significant advantages when it comes to the development of wearable devices as they possess unique properties such as light weight, stretchability, etc. The incorporation of gels in wearable devices allows better conformality of wearable devices to surfaces, offering improved protection, comfort, and performance stability. This Special Issue aims to highlight the state of the art of wearable gel-based devices.

Guest Editors



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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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