

## Special Issue

# Hydrogel for Wearable Sensing Applications

### Message from the Guest Editors

The increasingly hot topic of wearable sensors has been captivating interest from a multitude of applications in personal healthcare, soft robotics and human-machine interaction. The latest advances in materials innovation have come up with an ideal candidate (i.e., hydrogels) enabling wearable sensing with high conformability, tough adhesion and low impedance, benefiting from the many superiorities of the jelly-like material. From basic modifications to make hydrogels stretchy or adhesive to fascinating demonstrations of wearable functionality even at elevated or sub-zero temperatures, we have witnessed the ongoing development of wearable hydrogel sensors in recent years. Thus, this Special Issue on “Hydrogel for Wearable Sensing Applications” aims to collect up-to-date advances in the broad subject area of hydrogel-based wearable sensing. Your cutting-edge work on hydrogel electronics, hydrogel sensors, hydrogel interfaces, the mechanics and adhesion of hydrogels, as well as novel ionogels and organogels will be highly appreciated.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2023)



## Gels

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Impact Factor 5.3  
CiteScore 7.6  
Indexed in PubMed



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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.

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### Editor-in-Chief

Prof. Dr. Esmail Jabbari

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