

Special Issue

Soft Composite-Based Sensors

Message from the Guest Editors

This Special Issue invites the submission of both original research articles and reviews related to soft materials/composites for sensing and detection applications. Soft materials/composites are attractive for various sensing applications due to a number of advantages, including tunability, sensitivity, stretchability/flexibility, ease of fabrication, various form factors, and low cost, to name a few. These materials can be tuned to sense various stimuli, including pressure, mechanical strain, temperature, acoustic wave, and humidity. Moreover, recent developments in advanced fabrication approaches, including 3D printing and having arrays of sensors, have opened up new opportunities for detecting the direction of the signal so that we can identify the source of the signal. This Special Issue is open to contributions ranging from novel material synthesis, device design, fabrications, testing, and evaluation, as well as innovative applications of sensors, including but not limited to health or environmental monitoring, soft robotics, and multifunctional sensors.

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Deadline for manuscript submissions

closed (28 February 2022)



Sensors

an Open Access Journal
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Impact Factor 3.4
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/52014

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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