Special Issue

Wearable Sensors for Biomedical, Environmental, and Security Applications

Message from the Guest Editors

Investigating the performance of wearable sensors in biomedical, environmental and security applications is one of the significant research themes. Innovative strategies in the fabrication of non-invasive and minimally invasive wearable sensing devices facilitate the continuous monitoring of vital biomarkers in physiological body fluids *viz.* sweat, tears, saliva, interstitial fluid, nasal fluid etc. Wearable sensors have been developed on distinct platforms such as microneedles, bandages, textiles, tattoo, gloves, eyeglasses, ring, and mouthguard. The horizon of wearable sensors is extending in various ways, for real time monitoring of pathophysiological biomarkers/ions for health management such as diabetes, Parkinson, Alzheimer's, Cancer etc., and also used for assessing the environmental hazards by identifying potential chemical threats such as nerve disrupting agents, explosives, opioids and gunshot residues. Apart from these, self-powered wearable sensors have also found considerable attention in the recent past. Thus, the special volume will bring a high impact on the wide range of readers.

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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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