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Sensors for Biomedical Imaging and Analysis

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closed (31 January 2022)

Message from the Guest Editors

Dear Colleagues,

With the upcoming era of personalized healthcare and telemedicine, the development of modern sensors for the analysis of biomedical signals and images is becoming a hot area of research, discussion, and development, highlighting a variety of problems to be solved for the benefit of all. This Special Issue aims to attract the attention of scholars researching sensors for biomedical imaging and signals whose ultimate goal is the practical utility of their scientific results. It also aims to provide a forum for the dissemination of important scientific achievements in the field. Original papers that describe new biomedical research on sensor hardware or innovative applications of existing sensors are welcome, including, but not limited to, human–computer interfaces, wearable sensors, gait and posture analysis, behavior control, voice analysis, acquisition, fusion, and analysis of physiological signals, telemedicine, application of virtual, augmented, and mixed reality. Papers describing new algorithms for signal analysis, in particular algorithms based on machine learning, are also welcome.



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Special Issue



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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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