

Special Issue

Sensors for Biomedical Imaging

Message from the Guest Editors

Biomedical research advancement is strictly interconnected with the development of novel sensor technology. This Special Issue aims to highlight recent advances in sensor development and to provide an opportunity of knowledge sharing between sensors experts and scientists that use the technology for biomedical applications. Hardware advances have provided the opportunity to utilize health monitoring technologies in heterogeneous environments, ranging from clinical settings to home monitoring. Novel algorithmic approaches (e.g., machine learning), recent growth in computational power, and multimodal integration have enabled new analysis techniques to further exploit biomedical technology. Different innovative detectors and applications that rely on such sensors, with emphasis but not only on wireless or portable technology, are suited topics. Original papers that describe new biomedical research or innovative applications and sensors are welcome. We look forward to and welcome your participation in this Special Issue.

Guest Editors

Prof. Dr. Arcangelo Merla

Dr. Antonio Maria Chiarelli

Dr. Daniela Cardone

Deadline for manuscript submissions

closed (20 November 2020)



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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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