

Special Issue

Micro/Nano-Devices for Biosensing: From Single Molecule Sensing to Device Applications

Message from the Guest Editor

In recent years, a biosensing technology based on the fusion of micro/nanodevices, including micro/nanofluidic chip, and biology has provided remarkable success. The micro/nanostructure of these devices can provide about the same size and space as a single molecule or single cell, so they can be measured directly or from the surface of an organism or living body to them. This suggests that biosensing technology with micro/nanodevice has great potential to contribute more in those fields and to lead those biological fields to a new era. We are pleased to invite you to contribute to this Special Issue entitled “Micro/Nano-Devices for Biosensing: From Single Molecule Sensing to Device Applications”. This Special Issue covers a variety of biosensing from single molecules, extracellular vesicles (EVs)/liposomes, virus, bacteria and cells to device applications. This issue seeks to showcase research papers, short communications, and review papers. Contribution to this Special Issue with detection, manipulation, imaging, characterization, monitoring, fabrication, instrumentation, methodologies and new concepts are welcome.

Guest Editor

Dr. Ken Hirano

Health Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Takamatsu 761-0395, Japan

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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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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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