

Special Issue

Advanced Micro- and Nano-Sensors

Message from the Guest Editors

As the size of electronic devices continues to shrink, the design and application of micro- and nano-sized sensors become increasingly more important. Sensors with different types of sensitivity (e.g., thermal, gas, pressure, and humidity) have been utilized in various fields, including among others biomedical science, environmental, and healthcare industries. This Special Issue aims to highlight the recent development and advanced features of micro- and nano-sensors in various applications. There is no limitation on the materials (e.g., nanowires, quantum dots, 2D materials, and other molecular structures), purposes (e.g., pressure, power, speed, thermal, and ray radiation), working principles (e.g., gas/magnetic sensitive, biosensors, and vibration or vacuum sensors), manufacturing methods (e.g., top-down lithography and bottom-up assembly), etc. All information related to micro- and nano-sized sensors is welcomed, but the selected papers must be leading topics with special potential for development in the next decade.

Guest Editors

Dr. He Tian

Prof. Dr. Jian-Bin Xu

Dr. Philip Feng

Prof. Dr. Yang Xu

Dr. Fei Hui

Dr. Chaoyang Xing

Deadline for manuscript submissions

closed (20 October 2021)



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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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