Special Issue

Advanced Materials for Sensing Applications

Message from the Guest Editor

Recent advances in material design, particularly in the field of nanotechnology, have triggered significant research progress. Attributed to the high surface to volume ratio, aspect ratio, and surface area arising from nanostructured materials, they are shown to exhibit unusual physicochemical properties in comparison with their bulk counterparts. Especially, due to health and environmental concerns, several sensors, ranging from gas sensors to biosensors, have actively taken place, and more improved performance was achieved when rationally designed nanostructured materials were carefully employed for sensing applications. This Special Issue of *Sensors* will be dedicated to summarizing and highlighting some recent research advances in employing nanostructured materials for various sensor applications, ranging from gas sensors to biosensors.

Guest Editor

Dr. Jun Young Cheong

Department of Materials Science and Engineering, Korea Advanced Institute of Science and Technology (KAIST), 291 Daehak-ro, Yuseong-gu, Daejeon 34141, Korea

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

mdpi.com/journal/sensors

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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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