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VOC Sensors Applicable to IoT and Healthcare

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Deadline for manuscript submissions:

closed (29 September 2018)

Message from the Guest Editors

Dear Colleagues,

Many IoT sensors are deployed already as commercial products; however, the vast majority of these sensors are associated with physical parameters, such as temperature, motion or pressure sensing. This Special Issue is focused toward gas sensors both wearable and handheld that will provide a pathway to valuable diagnostic data sets for human health. Particular interest lies in the detection of volatile organic compounds (VOC) by the sensor or analyser. This Special Issue welcomes both reviews and original research articles on the current progress of new gas sensor technology, analysis method, human gas specimen collection methods, and interpretation of the sensor data. The recent advancement of gas sensors and array of microsensors enables highly sensitive and selective VOC detection for new applications of human health.

Prof. Dr. Woosuck Shin
Prof. Dr. Hyung-Gi Byun
Guest Editors



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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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