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## Low Power Gas Sensors for Ubiquitous and Portable Applications

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 September 2021)**

### **Message from the Guest Editor**

Dear Colleagues,

With the advent of Industry 4.0, IoT, and Smart City concepts, the need for cheaper, smaller, smarter, and, above all, less power-hungry gas sensor devices is a reality that requires and demands a paramount effort from the research and engineering community. Among the requisites, the most constraining and challenging is the need for less power-hungry sensors, meaning, from nearly-zero to microwatt power devices. The miniaturization of devices has been the pre-eminent approach despite it having been proved insufficient in most cases. Therefore, other approaches have been also explored: light-driven sensors, room temperature sensors, passive sensors, colorimetric sensors, NFC tags, etc.

This Special Issue of *Sensors* will focus on recent developments in low power gas sensor technologies. Original papers describing completed and unpublished work that are not currently under review by any other journal or magazine are solicited. Both reviews and articles are welcome.

Dr. Cristian Fábrega  
*Guest Editor*



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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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