

Special Issue

New Sensors Based on Inorganic Material

Message from the Guest Editors

With the development of materials science and nano synthesis technology, micron and nano inorganic materials exhibit superior electrical, optical, and thermal properties, enabling higher sensitivity, selectivity, and response speed. On this basis, by innovating modification methods, optimizing characterization methods, expanding detection scenarios, conducting in-depth research on sensing principles, exploring new structures of sensors, and achieving high integration, not only can the advancement of sensing technology be promoted, but it will also have a profound impact on the development of materials science and the advancement of Internet of Things (IoT) technology. In this Special Issue, we eagerly seek novel research and applications that support the development of micro/nano inorganic material-based sensors. Topics of interest include, but are not limited to:

- micron inorganic materials and nano inorganic materials
- surface modification and characterization
- multifunctional sensors
- sensing principles and technologies
- design, manufacturing, and data analysis of new sensors
- next-generation new sensors and their integrations

Guest Editors

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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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