

Special Issue

Advanced Sensors in Atomic Level

Message from the Guest Editors

This Special Issue invites experts from relevant fields to share the latest progress including but not limited to the development of atomic-level materials (e.g., zero/one/two/three-dimensional materials, single-atom catalysts) for advanced sensors, detection technologies developed using atomic-level sensors, and detection technologies for atoms. Moreover, we also encourage the sharing of efforts made in applying these sensors in fields such as the environment, energy, health, and drugs to demonstrate their significant potential. We invite the submission of original research papers, reviews, and perspectives that address the challenges and opportunities in this field. The topics of interest include but are not limited to the following: Sensors developed based on atomic-level materials; The design of atomic-sized sensor device structures; Advanced sensors for detecting atoms; Advanced integration of atomic-level sensors; Applications of atomic-level 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.

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