Special Issue

Smart Sensing: Improving Capabilities of Sensors Based on AI Technologies

Message from the Guest Editor

This Special Issue emphasizes the effects of AI on different sensor types, including optical, mechanical, and acoustic sensors, for various applications. The intricacies in the design and development of extra drivers using AI for smart edge processing can be shared so that new doors can be opened for future smart sensing and processing. Topics include but are not limited to:

- Applications for smart sensing and communication
- Smart sensing and ubiquitous computing
- AI technologies for IoT
- AI technologies for medical-IoT applications
- Fog/edge intelligent computing for smart applications
- Smart grids and energy
- Energy-efficient smart sensing systems
- Smart and intelligent transport systems
- Smart environmental monitoring
- Smart sensing for the reliability, security, and privacy of data

Guest Editor

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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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