

Special Issue

Recent Advances in Smart Materials for Sensor and Actuator Applications

Message from the Guest Editors

Smart materials are intelligent materials that can change their material properties in response to external stimuli such as electric, magnetic, and strain. Smart materials are widely used as sensors and actuators for various engineering applications due to their advantages such as fast response time, high energy efficiency, and easy implementation in control systems. The aim of this Special Issue is to disseminate the latest, new, original, and collective knowledge gathered from esteemed professionals like yourself on the use of Smart Materials for Sensors and Actuator Applications. You are cordially invited to submit your original research articles and review papers that address the subject of the current Special Issue. The list of potential research topics includes, but is not limited to:

- Vibration/noise control and isolation;
- Prognostics and health management;
- Modeling of smart structures and systems;
- Structural health monitoring;
- Soft robotics and artificial muscle;
- Flexible and wearable sensors;
- Energy harvesting;
- Haptic systems.

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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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