

Special Issue

Properties and Applications of Piezo-Resistive Sensors

Message from the Guest Editors

- Piezoresistive inks for printing of sensors; there are several technologies for the printing of piezoresistive sensors, such as screen printing, sintering, ink jet printing, etc. This depends on the types of substrate used, the curing treatment of the inks, the performance of the sensor, ease of manufacturing, etc.;
- smart composite materials; incorporating piezoresistive elements into traditionally nonsensing materials may lead to sensing properties of the composite; this may include wood, glass fiber composites, plastics, etc.;
- Fabric and textile sensors for wearable technology; yarn can be made to have sensing properties when additional materials are integrated in them; some applications may include activity and motion tracking, fatigue detection, etc.;
- 3D printing of sensors; embedded sensing elements within 3D-printed structures that allow detection of mechanical strain, stress, flexion, and deformation.
- Allotropes of carbon for producing sensors (incl. graphene);

Guest Editors

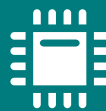
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Deadline for manuscript submissions

closed (15 April 2021)



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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.

Editor-in-Chief

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