

Special Issue

Current Trends and Future Prospects of Chemistry-Augmented Radio Frequency (RF) Sensors in Environment and Healthcare Applications

Message from the Guest Editor

Sensing environmental, physical, and human physiological interactions is essential in modern life. This issue aims to bridge advances in the field of chemistry sensors and chemistry interactive materials (CIM) with RF wireless transmission, enabling the transfer of sensed data. Among the various wireless transmission technologies available, Radio Frequency Identification (RFID) technology is considered the most efficient and cost-effective candidate. Building on this foundation, novel RFID sensors enhanced by CIM can be developed. Hence, specially designed chemistry substrates or superstrates can drive the evolution of RFID sensors to meet market demands. This has the potential to disrupt existing sensor industries and introduce entirely new and innovative sensing solutions.

Guest Editor

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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.

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