

Special Issue

Resonators Sensors

Message from the Guest Editor

The field of sensors has witnessed an enormous interest in the last few decades and has reached a good level of maturity due to the constant advances in fabrication techniques and in their applications. Resonating structures can be one-, two- and three-dimensional; partially or fully integrated; and last but not least, they can be made of a huge variety of materials: Metallic, dielectric, polymeric or hybrid. The transducing schemes range from plasmonic to optical, and they comprise different cavities and resonators, ranging from, but not limited to: Whispering gallery mode resonators, photonic crystals, and grating waveguide resonators. Common examples of applications include physical (temperature, pressure, displacement and field) sensors and chemical (biological, medical, agriculture and environment) sensors. We invite manuscripts for this forthcoming Special Issue in all aspects pertinent to resonator sensors. Both reviews and original research articles are welcome. For further reading about this special issue, please visit mdpi.com/si/28275.

Guest Editor

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Deadline for manuscript submissions

closed (20 November 2021)



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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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