Special Issue

Optical Microcavity/Microresonators Sensing Technology

Message from the Guest Editors

Optical microcavities with high time-frequency coherence and energy confinement demonstrate unique high resolvability for optical sensing. Moreover, in combination with new materials and functionalizations, they also show a wide potential for selective detection. Recently, the development of microcavity/microresonator-based sensing technology has spurred advances ranging from physical measurement, biological and chemical tracing, and environmental monitoring. This Issue is addressed to all types of microcavity/microresonator-based optical sensors and systems, from fundamental science to applications.

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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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