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Microstructured Sensors: From Design to Application

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Message from the Guest Editors

With the development and upgrading of information technology and the health industry, functional sensors have become increasingly vital for ensuring individuals' quality of life and health. Sensors such as optical, chemical, and biological sensors play a crucial role in this regard, demanding new advancements in sensor design and production. Microstructured sensors have emerged as a key solution, as they offer enhanced sensitivity, stability, specificity, and even service life, which make them of great significance in fields such as biomedical engineering, environmental monitoring, and industrial process control.

“Microstructured Sensors: from Design to Application” encompasses diverse topics, including, but not limited to, the design, fabrication, characterization, and application of microstructured sensors. We warmly encourage the submission of original research articles, reviews, and communications that address the latest advances and challenges in this traditional but vigorous field. We look forward to receiving your contributions and hope that this Special Issue will serve as a valuable resource for researchers, engineers, and industry professionals alike.



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