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Recent Advances in Micro- and Nanofiber-Optic Sensors

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Message from the Guest Editors

Micro-/nanofibers (MNFs) with significantly reduced fiber diameters are very popular in the development of miniaturized fiber-optic sensors with high sensitivity and fast response times. A number of optical ring resonators, microfiber couplers, grating sensors, WGM sensors, and surface plasmon resonance (SPR) sensors based on MNFs have been proposed and extensively investigated. Further functionalization of the MNFs sensor structures with additional coating materials (nanomaterials, 2D materials) could significantly improve its sensing properties, allowing us to achieve high sensitivity and selectivity detection for the desired targets.

For detailed information, please visit [here](#).

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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