

Ling-Xin Kong

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High-Sensitivity Gas Pressure Fabry-Pérot Fiber Probe With Micro-Channel Based on Vernier Effect. <i>Journal of Lightwave Technology</i> , 2019, 37, 3444-3451.	4.6	68
2	Bending Vector Sensing Based on Arch-Shaped Long-Period Fiber Grating. <i>IEEE Sensors Journal</i> , 2018, 18, 3125-3130.	4.7	24
3	V-Shaped Long-Period Fiber Grating High-Sensitive Bending Vector Sensor. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1531-1534.	2.5	21
4	Double helix microfiber coupler enhances refractive index sensing based on Vernier effect. <i>Optical Fiber Technology</i> , 2020, 54, 102112.	2.7	19
5	Simultaneous Measurement of RI and Temperature Based on Compact U-Shaped Interferometer. <i>IEEE Sensors Journal</i> , 2020, 20, 3593-3598.	4.7	18
6	Micro-Lab on Tip: High-Performance Dual-Channel Surface Plasmon Resonance Sensor Integrated on Fiber-Optic End Facet. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130978.	7.8	17
7	Lab-on-tip: Protruding-shaped all-fiber plasmonic microtip probe toward in-situ chem-bio detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127128.	7.8	13
8	Micro-Cap on 2-Core-Fiber Facet Hybrid Interferometer for Dual-Parameter Sensing. <i>Journal of Lightwave Technology</i> , 2019, 37, 6114-6120.	4.6	11
9	Simultaneous Measurement of Curvature Vector and Temperature Based on Composite Gratings Inscribed on D-Shaped Fiber. <i>IEEE Sensors Journal</i> , 2021, 21, 25758-25766.	4.7	11
10	Temperature-Independent Micro-Refractometer Based on Cascaded In-Fiber Air Cavities With Strain-Error Correction. <i>IEEE Sensors Journal</i> , 2018, 18, 8773-8780.	4.7	6
11	High sensitivity and ultra compact fiber-optic microtip SPR thermometer coated with Ag/PDMS bilayer film. <i>Optical Fiber Technology</i> , 2021, 65, 102619.	2.7	6
12	Ultra-Compact Optical Thermo-Hygrometer Based on Bilayer Micro-Cap on Fiber Facet. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 1089-1092.	2.5	3
13	Tunable Autler-Townes Splitting in Optical Fiber. <i>Journal of Lightwave Technology</i> , 2019, 37, 3620-3625.	4.6	2
14	High-sensitivity temperature sensor based on ethanol-sealed double helix microfiber coupler. <i>Optical Engineering</i> , 2020, 59, 1.	1.0	2
15	Enhanced-sensitive dual microfiber knot resonators based sensor with vernier effect for simultaneous measurement of refractive index and temperature. <i>Optik</i> , 2022, 250, 168350.	2.9	2