Ling-Xin Kong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4698810/publications.pdf

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15	223	1040056	996975
papers	citations	9	15
		h-index	g-index

15	15	15	195
all docs	docs citations	times ranked	citing authors

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