

Fan Zhang

List of Publications by Year in descending order

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papers

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1478505

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9
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citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Analysis of Dual-Parameter Optical Fiber Sensor With Large Measurement Range Based on Surface Plasmon Resonance. IEEE Sensors Journal, 2021, 21, 10719-10725.	4.7	29
2	A Dual-Channel Surface Plasmon Resonance Sensor for the Liquid Refractive Index and Temperature Measurement Based on Hollow-Core Fiber. IEEE Sensors Journal, 2022, 22, 7785-7791.	4.7	23
3	A Surface Plasmon Resonance Optical Fiber Sensor for Simultaneous Measurement of Relative Humidity and Temperature. IEEE Sensors Journal, 2022, 22, 3246-3253.	4.7	18
4	Carboxymethyl Cellulose/Graphene Oxide Composite Film-Coated Humidity Sensor Based on Thin-Core Fiber Mach-Zehnder Interferometer. IEEE Sensors Journal, 2021, 21, 23767-23775.	4.7	10
5	An Optical Fiber-Based Surface Plasmon Resonance Sensor for Simultaneous Measurement of Temperature and Magnetic Field Intensity. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-7.	4.7	10
6	Numerical analysis of magnetic field measurement based on Faraday rotation in a no-core tellurite fiber. Optical Fiber Technology, 2021, 63, 102536.	2.7	9
7	A Magnetic Field Sensor Utilizing Tellurite Fiber-Induced Sagnac Loop Based on Faraday Rotation Effect and Fresnel Reflection. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-7.	4.7	6
8	A Magnetic Field Sensor Based on Birefringence Effect in Asymmetric Four-Hole Fiber. Journal of Lightwave Technology, 2022, 40, 2594-2600.	4.6	4
9	An ultraviolet sensor based on surface plasmon resonance in no-core optical fiber deposited by Ag and ZnO film. Surfaces and Interfaces, 2022, 31, 102074.	3.0	2