

Yiping Wang

List of Publications by Year in descending order

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18
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268
citing authors

#	ARTICLE	IF	CITATIONS
1	An Optoelectronic Oscillator for High Sensitivity Temperature Sensing. IEEE Photonics Technology Letters, 2016, 28, 1458-1461.	2.5	62
2	Demodulation of an optical fiber MEMS pressure sensor based on single bandpass microwave photonic filter. Optics Express, 2017, 25, 644.	3.4	42
3	High-resolution fiber Bragg grating based transverse load sensor using microwave photonics filtering technique. Optics Express, 2016, 24, 17960.	3.4	40
4	Optical Fiber Bragg Grating Pressure Sensor Based on Dual-Frequency Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2017, 29, 1864-1867.	2.5	29
5	Resolution-Enhanced Fiber Grating Refractive Index Sensor Based on an Optoelectronic Oscillator. IEEE Sensors Journal, 2018, 18, 9562-9567.	4.7	26
6	Fiber optic transverse load sensor based on polarization properties of π -phase-shifted fiber Bragg grating. Optics Communications, 2015, 342, 152-156.	2.1	18
7	Temperature Insensitive Birefringent LPG Twist Sensing Based on the Polarization Properties. IEEE Photonics Technology Letters, 2015, 27, 2367-2370.	2.5	16
8	High-sensitivity optical fiber temperature sensor based on a dual-loop optoelectronic oscillator with the Vernier effect. Optics Express, 2020, 28, 35264.	3.4	12
9	Sensitivity Enhancement for Fiber Bragg Grating Strain Sensing Based on Optoelectronic Oscillator With Vernier Effect. IEEE Photonics Journal, 2021, 13, 1-6.	2.0	12
10	Accurate Strain Extraction via Kernel Extreme Learning Machine for Fiber Bragg Grating Sensor. IEEE Sensors Journal, 2022, 22, 7792-7797.	4.7	6
11	Diametric load sensor using a fiber Bragg grating and its differential group delay analysis. Optical and Quantum Electronics, 2012, 44, 483-491.	3.3	3
12	High-Resolution Micro-Displacement Measurement using a Fiber MZI Based on Microwave Photonics Filter. , 2019, , .		3
13	Interference-free SERS nanoprobe for labeling and imaging of MT1-MMP in breast cancer cells. Nanotechnology, 2022, 33, 115702.	2.6	3
14	Demodulation of a polarization-maintaining photonic crystal fiber load sensor with high resolution using a microwave photonic filter. Microwave and Optical Technology Letters, 2021, 63, 1612-1615.	1.4	1
15	A Microwave Photonic-Assisted Fiber Loop Ring Down System with Multi-Sensing Function. IEEE Photonics Technology Letters, 2022, 34, 117-120.	2.5	1
16	Simultaneously Reconfigurable Multispectral Microscopic Imaging Based on a Digital Micromirror Device. IEEE Photonics Technology Letters, 2022, 34, 417-419.	2.5	1
17	Study of Small Radial Stresses Sensing Using Polarization Properties of Fiber Bragg Grating. , 2011, , .		0
18	Experimental Investigation of Microwave Photonic In-phase and Quadrature Mixer based on Cascaded Phase Modulator and Polarization Modulator. , 2021, , .		0