

# Yiping Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

275  
citations

1040056

9  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

268  
citing authors

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