

Xiangge He

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

420
citations

759233

12
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26
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26
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-event waveform-retrieved distributed optical fiber acoustic sensor using dual-pulse heterodyne phase-sensitive OTDR. <i>Optics Letters</i> , 2017, 42, 442.	3.3	124
2	Mid-Infrared Octave-Spanning Supercontinuum and Frequency Comb Generation in a Suspended Germanium-Membrane Ridge Waveguide. <i>Journal of Lightwave Technology</i> , 2017, 35, 2994-3002.	4.6	46
3	Distributed gas sensing with optical fibre photothermal interferometry. <i>Optics Express</i> , 2017, 25, 31568.	3.4	36
4	Efficient Common-Mode Noise Suppression for Fiber-Optic Interferometric Sensor Using Heterodyne Demodulation. <i>Journal of Lightwave Technology</i> , 2016, 34, 5453-5461.	4.6	33
5	Mid-infrared self-similar compression of picosecond pulse in an inversely tapered silicon ridge waveguide. <i>Optics Express</i> , 2017, 25, 33439.	3.4	20
6	Acousto-Optic Modulation Induced Noises on Heterodyne-Interrogated Interferometric Fiber-Optic Sensors. <i>Journal of Lightwave Technology</i> , 2018, 36, 3465-3471.	4.6	20
7	Highly coherent supercontinuum generation in a polarization-maintaining CS ₂ -core photonic crystal fiber. <i>Applied Optics</i> , 2019, 58, 1386.	1.8	18
8	Downhole Microseismic Monitoring Using Time-Division Multiplexed Fiber-Optic Accelerometer Array. <i>IEEE Access</i> , 2020, 8, 120104-120113.	4.2	17
9	Fibre optic seismic sensor for down-well monitoring in the oil industry. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 123, 145-149.	5.0	13
10	Mid-Infrared Self-Similar Pulse Compression in a Tapered Tellurite Photonic Crystal Fiber and Its Application in Supercontinuum Generation. <i>Journal of Lightwave Technology</i> , 2018, 36, 3514-3521.	4.6	13
11	On the phase fading effect in the dual-pulse heterodyne demodulated distributed acoustic sensing system. <i>Optics Express</i> , 2020, 28, 33433.	3.4	13
12	Self-Referenced Accelerometer Array Multiplexed on a Single Fiber Using a Dual-Pulse Heterodyne Phase-Sensitive OTDR. <i>Journal of Lightwave Technology</i> , 2018, 36, 2973-2979.	4.6	12
13	Performance Improvement of Dual-Pulse Heterodyne Distributed Acoustic Sensor for Sound Detection. <i>Sensors</i> , 2020, 20, 999.	3.8	9
14	Identification and observation of the phase fading effect in phase-sensitive OTDR. <i>OSA Continuum</i> , 2018, 1, 963.	1.8	9
15	Common-Mode Noise Suppression Technique in Interferometric Fiber-Optic Sensors. <i>Journal of Lightwave Technology</i> , 2019, 37, 5619-5627.	4.6	7
16	Multi-octave mid-infrared supercontinuum and frequency comb generation in a suspended As ₂ Se ₃ ridge waveguide. <i>Applied Optics</i> , 2019, 58, 8404.	1.8	7
17	High-resolution quasi-distributed temperature and pressure sensing system for deep-sea reservoir monitoring. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 199, 111568.	5.0	5
18	Common-mode noise self-suppressed 3-component fiber optic accelerometer based on low-reflectivity Bragg gratings. <i>Optics Letters</i> , 2021, 46, 1596.	3.3	4

#	ARTICLE	IF	CITATIONS
19	Design and field test of reusable fiber-optic microseismic monitoring system. , 2018, , .		4
20	Demonstration of Fiber-Optic Seismic Sensor With Improved Dynamic Response in Oilfield Application. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-8.	4.7	4
21	Analysis and Suppression of Aliased Noises in Time-Division-Multiplexing Interferometric Fiber-Optic Sensor Array. Journal of Lightwave Technology, 2022, 40, 2670-2678.	4.6	3
22	Downhole Microseismic Monitoring Using FOSS and Its Field Test Comparison With Moving-Coil Geophone. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	2
23	The Applications of Interferometric Fiber-Optic Sensors in Oilfield. , 2018, , .		1
24	Distributed acoustic sensing technique and its field trial in SAGD well. , 2017, , .		0
25	Additional Rayleigh-scattering phase in distributed acoustic sensing system. , 2018, , .		0
26	From Laboratory to Oil Field: the Development of Fiber-optic Microseismic Monitoring System. , 2021, , .		0