Xiangge He

List of Publications by Year
in descending order

26 papers	420 citations	759233 12 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	391 citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	High-resolution quasi-distributed temperature and pressure sensing system for deep-sea reservoir monitoring. Measurement: Journal of the International Measurement Confederation, 2022, 199, 111568.	5.0	5
5	Common-mode noise self-suppressed 3-component fiber optic accelerometer based on low-reflectivity Bragg gratings. Optics Letters, 2021, 46, 1596.	3.3	4
6	From Laboratory to Oil Field: the Development of Fiber-optic Microseismic Monitoring System. , 2021, , .		0
7	Downhole Microseismic Monitoring Using Time-Division Multiplexed Fiber-Optic Accelerometer Array. IEEE Access, 2020, 8, 120104-120113.	4.2	17
8	Performance Improvement of Dual-Pulse Heterodyne Distributed Acoustic Sensor for Sound Detection. Sensors, 2020, 20, 999.	3.8	9
9	On the phase fading effect in the dual-pulse heterodyne demodulated distributed acoustic sensing system. Optics Express, 2020, 28, 33433.	3.4	13
10	Common-Mode Noise Suppression Technique in Interferometric Fiber-Optic Sensors. Journal of Lightwave Technology, 2019, 37, 5619-5627.	4.6	7
11	Highly coherent supercontinuum generation in a polarization-maintaining CS_2-core photonic crystal fiber. Applied Optics, 2019, 58, 1386.	1.8	18
12	Multi-octave mid-infrared supercontinuum and frequency comb generation in a suspended As_2Se_3 ridge waveguide. Applied Optics, 2019, 58, 8404.	1.8	7
13	Fibre optic seismic sensor for down-well monitoring in the oil industry. Measurement: Journal of the International Measurement Confederation, 2018, 123, 145-149.	5.0	13
14	Self-Referenced Accelerometer Array Multiplexed on a Single Fiber Using a Dual-Pulse Heterodyne Phase-Sensitive OTDR. Journal of Lightwave Technology, 2018, 36, 2973-2979.	4.6	12
15	The Applications of Interferometric Fiber-Optic Sensors in Oilfield. , 2018, , .		1
16	Acousto-Optic Modulation Induced Noises on Heterodyne-Interrogated Interferometric Fiber-Optic Sensors. Journal of Lightwave Technology, 2018, 36, 3465-3471.	4.6	20
17	Mid-Infrared Self-Similar Pulse Compression in a Tapered Tellurite Photonic Crystal Fiber and Its Application in Supercontinuum Generation. Journal of Lightwave Technology, 2018, 36, 3514-3521.	4.6	13
18	Identification and observation of the phase fading effect in phase-sensitive OTDR. OSA Continuum, 2018, 1, 963.	1.8	9

#	Article	IF	Citations
19	Additional Rayleigh-scattering phase in distributed acoustic sensing system. , 2018, , .		0
20	Design and field test of reusable fiber-optic microseismic monitoring system. , 2018, , .		4
21	Mid-Infrared Octave-Spanning Supercontinuum and Frequency Comb Generation in a Suspended Germanium-Membrane Ridge Waveguide. Journal of Lightwave Technology, 2017, 35, 2994-3002.	4.6	46
22	Mid-infrared self-similar compression of picosecond pulse in an inversely tapered silicon ridge waveguide. Optics Express, 2017, 25, 33439.	3.4	20
23	Multi-event waveform-retrieved distributed optical fiber acoustic sensor using dual-pulse heterodyne phase-sensitive OTDR. Optics Letters, 2017, 42, 442.	3.3	124
24	Distributed gas sensing with optical fibre photothermal interferometry. Optics Express, 2017, 25, 31568.	3.4	36
25	Distributed acoustic sensing technique and its field trial in SAGD well. , 2017, , .		0
26	Efficient Common-Mode Noise Suppression for Fiber-Optic Interferometric Sensor Using Heterodyne Demodulation. Journal of Lightwave Technology, 2016, 34, 5453-5461.	4.6	33