

Jianshuai Wang

List of Publications by Year in descending order

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37
papers

561
citations

623734

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37
all docs

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docs citations

37
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of a Photonic-Assisted Periodic Triangular-Shaped Pulses Generator. Journal of Lightwave Technology, 2012, 30, 1617-1624.	4.6	60
2	Deep Cytometry: Deep learning with Real-time Inference in Cell Sorting and Flow Cytometry. Scientific Reports, 2019, 9, 11088.	3.3	57
3	Double-Side Polished Fiber SPR Sensor for Simultaneous Temperature and Refractive Index Measurement. IEEE Photonics Technology Letters, 2016, 28, 1916-1919.	2.5	51
4	Photonic-Assisted Periodic Triangular-Shaped Pulses Generation With Tunable Repetition Rate. IEEE Photonics Technology Letters, 2013, 25, 952-954.	2.5	46
5	Switchable, Widely Tunable and Interval-Adjustable Multi-Wavelength Erbium-Doped Fiber Laser Based on Cascaded Filters. Journal of Lightwave Technology, 2020, 38, 2428-2433.	4.6	31
6	A Polarization-independent SPR Sensor Based on Photonic Crystal Fiber for Low RI Detection. Plasmonics, 2020, 15, 327-333.	3.4	29
7	Measurement of Instantaneous Microwave Frequency by Optical Power Monitoring Based on Polarization Interference. Journal of Lightwave Technology, 2020, 38, 2285-2291.	4.6	29
8	A Tunable Polarization Beam Splitter Based on Magnetic Fluids-Filled Dual-Core Photonic Crystal Fiber. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	28
9	Bending-Resistant Design of a Large Mode Area Segmented Cladding Fiber With Resonant Ring. Journal of Lightwave Technology, 2018, 36, 2844-2849.	4.6	22
10	Frequency-doubled triangular-shaped waveform generation based on spectrum manipulation. Optics Letters, 2016, 41, 199.	3.3	21
11	When High-Speed Railway Networks Meet Multipath TCP: Supporting Dependable Communications. IEEE Wireless Communications Letters, 2020, 9, 202-205.	5.0	20
12	Detailed study of bending effects in large mode area segmented cladding fibers. Applied Optics, 2016, 55, 9954.	2.1	18
13	Design and analysis of a modified segmented cladding fiber with large mode area. Optics and Laser Technology, 2017, 88, 172-179.	4.6	18
14	Magneto-Modulating Polarization Converter Based on a Dual-Core Photonic Crystal Fiber. Journal of Lightwave Technology, 2017, 35, 2772-2777.	4.6	15
15	Interval-Adjustable Multi-Wavelength Erbium-Doped Fiber Laser With the assistance of NOLM or NALM. IEEE Access, 2021, 9, 16316-16322.	4.2	14
16	Highly Sensitive Axial Strain Fiber Laser Sensor Based on All-Fiber Acousto-Optic Tunable Filter. IEEE Photonics Technology Letters, 2014, 26, 2430-2433.	2.5	10
17	Design of steering wheel-type ring depressed-core 10-mode fiber with fully improved mode spacing. Optics Express, 2021, 29, 15067.	3.4	9
18	Resonant-ring assisted large mode area segmented cladding fiber with high-index rings in core. Optics Communications, 2021, 495, 127049.	2.1	9

#	ARTICLE	IF	CITATIONS
19	Photonic instantaneous frequency measurement of wideband microwave signals. PLoS ONE, 2017, 12, e0182231.	2.5	9
20	Simple structure of tapered FBG filled with magnetic fluid to realize magnetic field sensor. Optical Fiber Technology, 2021, 67, 102698.	2.7	9
21	Theory study on a range-extended and resolution-improved microwave frequency measurement. Journal of Modern Optics, 2016, 63, 613-620.	1.3	8
22	Bend-Resistant Large Mode Area Fiber With an Azimuthally Segmented Trench in the Cladding. Journal of Lightwave Technology, 2019, 37, 3761-3769.	4.6	8
23	Spectral characterization of fiber Bragg grating with etched fiber cladding. Optoelectronics Letters, 2012, 8, 328-331.	0.8	6
24	Temperature-insensitive fiber Bragg grating strain sensor. Optoelectronics Letters, 2012, 8, 414-417.	0.8	5
25	Design and analysis for large-mode-area photonic crystal fiber with negative-curvature air ring. Optical Fiber Technology, 2021, 62, 102478.	2.7	5
26	Ultra-low loss electro-optical polymer modulator based on D-shaped few-mode fiber using improved M-Z structure. Optical Fiber Technology, 2020, 58, 102286.	2.7	4
27	All-Optical Graphene Oxide Modulator Based on Phase-Shifted FBG. Journal of Lightwave Technology, 2021, 39, 5516-5522.	4.6	4
28	Optical Sinc-Shaped Nyquist Pulses Generation From Frequency-Quadrupled Rectangular Frequency Comb. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	3
29	Key Technologies of Photonic Artificial Intelligence Chip Structure and Algorithm. Applied Sciences (Switzerland), 2021, 11, 5719.	2.5	3
30	Amplification characteristics in active tapered segmented cladding fiber with large mode area. High Power Laser Science and Engineering, 2021, 9, .	4.6	3
31	Numerical Simulation of the CS ₂ -Filled Active Fiber With Flattened All-Normal Dispersion. IEEE Photonics Journal, 2021, 13, 1-16.	2.0	2
32	Arbitrary free spectral range control of optical frequency combs based on an optical tapped delay line structure cascaded with a phase modulator. Optoelectronics Letters, 2021, 17, 390-394.	0.8	2
33	Generation of microwave and millimeter-wave based on polarization scrambler and polarization maintaining fiber. Optoelectronics Letters, 2009, 5, 281-283.	0.8	1
34	A flat microwave photonic filter based on M-Z modulator and fiber Bragg grating. Optoelectronics Letters, 2009, 5, 289-291.	0.8	1
35	Key technologies on microwave photonic filter. Frontiers of Optoelectronics in China, 2010, 3, 354-358.	0.2	1
36	Corrections to "An Improved Radio Over Fiber System With High Sensitivity and Reduced Power Degradation by Employing a Triangular CFBG" [Apr 1, 2010 516-518]. IEEE Photonics Technology Letters, 2012, 24, 869-869.	2.5	0

#	ARTICLE	IF	CITATIONS
37	Instantaneous frequency measurement using two parallel I/Q modulators based on optical power monitoring. Chinese Physics B, 2022, 31, 010702.	1.4	0