

Lin Gan

List of Publications by Year in descending order

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times ranked

1034
citing authors

#	ARTICLE	IF	CITATIONS
1	Van der Waals Coupled Organic Molecules with Monolayer MoS ₂ for Fast Response Photodetectors with Gate-Tunable Responsivity. ACS Nano, 2018, 12, 4062-4073.	14.6	183
2	Heterogeneous all-solid multicore fiber based multipath Michelson interferometer for high temperature sensing. Optics Express, 2016, 24, 20210.	3.4	55
3	Spatial-Division Multiplexed Mach-Zehnder Interferometers in Heterogeneous Multicore Fiber for Multiparameter Measurement. IEEE Photonics Journal, 2016, 8, 1-8.	2.0	44
4	Few-mode multicore fiber enabled integrated Mach-Zehnder interferometers for temperature and strain discrimination. Optics Express, 2018, 26, 15332.	3.4	37
5	Towards large dynamic range and ultrahigh measurement resolution in distributed fiber sensing based on multicore fiber. Optics Express, 2017, 25, 20183.	3.4	36
6	Multicore-Fiber-Enabled WSDM Optical Access Network With Centralized Carrier Delivery and RSOA-Based Adaptive Modulation. IEEE Photonics Journal, 2015, 7, 1-9.	2.0	35
7	Real-time 100 Gbps/core NRZ and EDB IM/DD transmission over multicore fiber for intra-datacenter communication networks. Optics Express, 2018, 26, 10519.	3.4	31
8	Spatial-division multiplexed Brillouin distributed sensing based on a heterogeneous multicore fiber. Optics Letters, 2017, 42, 171.	3.3	29
9	Investigation of channel model for weakly coupled multicore fiber. Optics Express, 2018, 26, 5182.	3.4	27
10	Enabling Simultaneous DAS and DTS Through Space-Division Multiplexing Based on Multicore Fiber. Journal of Lightwave Technology, 2018, 36, 5707-5713.	4.6	21
11	Experimental Demonstration of Bidirectional OFDM/OQAM-MIMO Signal Over a Multicore Fiber System. IEEE Photonics Journal, 2016, 8, 1-8.	2.0	19
12	High-Speed PAM4-Based Optical SDM Interconnects With Directly Modulated Long-Wavelength VCSEL. Journal of Lightwave Technology, 2019, 37, 356-362.	4.6	19
13	Nonlinearity Tolerant High-Speed DMT Transmission With 1.5-Tb/s Single-Mode VCSEL and Multi-Core Fibers for Optical Interconnects. Journal of Lightwave Technology, 2019, 37, 380-388.	4.6	14
14	End-View Image Processing Based Angle Alignment Techniques for Specialty Optical Fibers. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	13
15	Facilitating All-Inorganic Halide Perovskites Fabrication in Confined-Space Deposition. Small Methods, 2020, 4, 2000102.	8.6	13
16	8-10 Gb/s Downstream PAM-4 Transmission for Cost-Effective Coherent WDM-PON Application. Journal of Lightwave Technology, 2021, 39, 2837-2846.	4.6	13
17	Design of highly mode group selective photonic lanterns with geometric optimization. Applied Optics, 2018, 57, 7065.	1.8	10
18	Telecommunication Compatibility Evaluation for Co-existing Quantum Key Distribution in Homogenous Multicore Fiber. IEEE Access, 2020, 8, 78836-78846.	4.2	8

#	ARTICLE	IF	CITATIONS
19	Efficient Channel Model for Homogeneous Weakly Coupled Multicore Fibers. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-11.	2.9	7
20	IIR Microwave Photonic Filters Based on Homogeneous Multicore Fibers. Journal of Lightwave Technology, 2018, 36, 4298-4304.	4.6	6
21	Impact Load Buffering Method Based on Stress Wave Attenuation Principle. International Journal of Applied Mechanics, 2019, 11, 1950019.	2.2	5
22	TDHQ Enabling Fine-Granularity Adaptive Loading for SSB-DMT Systems. IEEE Photonics Technology Letters, 2018, 30, 1687-1690.	2.5	4
23	Reconfigurable Microwave Photonic Filter Based on Long Period Gratings Inscribed in Multicore Fibers. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	4
24	Carrier Beating Impairment in Weakly Coupled Multicore Fiber-Based IM/DD Systems. IEEE Access, 2020, 8, 65699-65710.	4.2	4
25	Short-range azimuth measurement method based on the adaptive filtering mechanism using laser and magnetism. Applied Optics, 2018, 57, 5749.	1.8	3
26	Employing multicore fiber in short reach optical networks. , 2016, , .		1
27	Crosstalk Impacts on Homogeneous Weakly-Coupled Multicore Fiber Based IM/DD System. , 2018, , .		1
28	Influence of high overload on the collimating lenses of laser ranging systems. Defence Technology, 2020, 16, 354-361.	4.2	1
29	Geometric Shaping PAM-4 signaling for the Simplified Coherent Receiver with the transmitted signal diversity. , 2021, , .		1