Jianping Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6572981/publications.pdf

Version: 2024-02-01

75	518	759233 12	752698 20
papers	citations	h-index	g-index

75	75	75	431
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Separate least mean square based equalizer with joint optimization for multi-CAP visible light communication. China Communications, 2022, 19, 264-273.	3.2	1
2	Octagonal polarization-maintaining supermode fiber for mode division multiplexing system. Optics Communications, 2022, 510, 127897.	2.1	3
3	Performance Evaluation of ZCC and OZCZ Code Set in an Integrated VLCP-CDMA System. IEEE Photonics Technology Letters, 2022, 34, 846-849.	2.5	4
4	Design of ultra-flattened dispersion weakly coupled few-mode photonic crystal fiber with low confinement loss. Optical Engineering, 2022, 61, .	1.0	0
5	Adaptive feedback threshold based demodulation for mobile visible light communication and positioning integrated system. Optics Express, 2022, 30, 13331.	3.4	6
6	Design of weakly-coupled ultra-flattened dispersion few-mode photonic crystal fiber. Optical and Quantum Electronics, 2022, 54, 1.	3.3	0
7	Signature Codes in Visible Light Positioning. IEEE Wireless Communications, 2021, 28, 178-184.	9.0	5
8	Improving the adaptability of the optical performance monitor by transfer learning. Applied Optics, 2021, 60, 4827.	1.8	3
9	Design of a side-hole-assisted weakly coupled rectangular ring-core multimode fiber for mode-division-multiplexing networks. Applied Optics, 2021, 60, 7406.	1.8	1
10	High accuracy indoor visible light positioning using a long short term memory-fully connected network based algorithm. Optics Express, 2021, 29, 41109.	3.4	14
11	An Integrated Visible Light Communication and Positioning CDMA System Implementation Based on OZCZ Code. , 2021, , .		1
12	Switchable transverse-mode operation of an actively mode-locked EDF laser based on low-modal-crosstalk mode MUX/DEMUX. Indian Journal of Physics, 2020, 94, 1071-1078.	1.8	1
13	An experimental study of power division multiplexing in visible light communication. Optics Communications, 2020, 455, 124296.	2.1	7
14	Design of solid-core Bragg few-mode fiber for short-reach MDM networks in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e858" altimg="si10.svg"><mml:mrow><mml:mi mathvariant="normal">O</mml:mi><mml:mo linebreak="goodbreak" linebreakstyle="after">+</mml:mo><mml:mi mathvariant="normal">C</mml:mi><mml:mo linebreak="goodbreak" linebreakstyle="after">+</mml:mo><mml:mi mathvariant="normal">L</mml:mi></mml:mrow></mml:mat	2.1	2
15	Reliable Optical Performance Monitor: The Combination of Parallel Framework and Skip Connected Generative Adversarial Network. IEEE Access, 2020, 8, 158391-158401.	4.2	5
16	New Construction of OVSF-OZCZ Codes in Multi-Rate Quasi-Synchronous CDMA VLC Systems for IoT Applications. IEEE Access, 2020, 8, 130888-130895.	4.2	2
17	Reconfigurable Optical Frequency Comb and Nyquist Pulses Generation With Tunable Sensitivities. IEEE Access, 2020, 8, 157211-157217.	4.2	6
18	Joint evaluation of internal quantum efficiency and light extraction efficiency for AlGaN-based deep ultraviolet LEDs considering optical polarization properties. Journal of Applied Physics, 2020, 128, 125703.	2.5	3

#	Article	IF	Citations
19	Design of Weakly-Coupled 16-Vector-Mode Coaxial Bragg FMF for Short-Haul Communication. IEEE Access, 2020, 8, 215214-215223.	4.2	1
20	Panda type elliptical ring core few-mode fiber. Optical Fiber Technology, 2020, 60, 102361.	2.7	10
21	An efficient MIMOâ€“OFDM VLC system of combining space time block coding with orthogonal circulant matrix transform precoding. Optics Communications, 2020, 473, 125993.	2.1	11
22	Enhancing the Credibility of the Optical Performance Monitor With Adversarial Training. IEEE Access, 2020, 8, 75682-75690.	4.2	4
23	An experimental study of NOMA in underwater visible light communication system. Optics Communications, 2020, 475, 126199.	2.1	20
24	Switchable multi-wavelength linearly-polarized lasing oscillations in a figure eight EDF laser based on spatial-mode beating by means of weakly-coupled FMF. Optics and Laser Technology, 2020, 128, 106259.	4.6	2
25	Mitigating ambiguity by deep-learning-based modal decomposition method. Optics Communications, 2020, 471, 125845.	2.1	15
26	Photonic frequency-octupling scheme for stable microwave generation based on two incoherent optical sources. OSA Continuum, 2020, 3, 1038.	1.8	8
27	Experimental implementation of digital equalizer for multilevel signal in visible light communication. Optical Engineering, 2020, 59, 1.	1.0	3
28	Performance-enhanced indoor MIMO-OFDM visible light communications using individual/joint CAZAC precoding techniques. Applied Optics, 2020, 59, 10746.	1.8	2
29	Visible light indoor positioning via an iterative algorithm based on an M5 model tree. Applied Optics, 2020, 59, 10194.	1.8	5
30	Spatial-mode switchable, multi-wavelength all-fiber erbium-doped fiber (EDF) laser based on low modal crosstalk mode multiplexer/demultiplexer (MUX/DEMUX). Laser Physics, 2019, 29, 075105.	1.2	1
31	Feature Fusion-Based Multi-Task ConvNet for Simultaneous Optical Performance Monitoring and Bit-Rate/Modulation Format Identification. IEEE Access, 2019, 7, 126709-126719.	4.2	18
32	Alleviation of LED nonlinearity impact in visible light communication using companding and predistortion. IET Communications, 2019, 13, 818-821.	2.2	11
33	Design of 20-polarization-maintaining-mode â€œpseudo-rectangleâ€•elliptical-core fiber for MIMO-less MDM networks. Optical Fiber Technology, 2019, 50, 87-94.	2.7	13
34	Deployment Issues and Performance Study in a Relay-Assisted Indoor Visible Light Communication System. IEEE Systems Journal, 2019, 13, 562-570.	4.6	11
35	Experimental demonstration of quasi-synchronous CDMA-VLC systems employing a new OZCZ code construction. Optics Express, 2019, 27, 12945.	3.4	8
36	On the study of a quasi-synchronous CDMA-VLC system with two channels. Optics Express, 2019, 27, 30249.	3.4	2

#	Article	IF	Citations
37	A CDMA system implementation with dimming control for visible light communication. Optics Communications, 2018, 412, 172-177.	2.1	11
38	A novel relay selection strategy based on deterministic small world model on CCN. Physica A: Statistical Mechanics and Its Applications, 2018, 505, 559-568.	2.6	2
39	Spatial-mode switchable ring fiber laser based on low mode-crosstalk all-fiber mode MUX/DEMUX. Optics and Laser Technology, 2018, 101, 21-24.	4.6	10
40	Design of weakly-coupled trench-assisted five-mode M-type fiber for short-haul communication in O band. Optical and Quantum Electronics, 2018, 50, 1.	3.3	4
41	Variable-Ratio Mode-Insensitive 1 Ã— 2 Power Splitter Based on MMI Couplers and Phase Shifters. IEEE Photonics Journal, 2018, 10, 1-12.	2.0	4
42	Indoor Positioning System Based on Single LED Using Symmetrical Optical Receiver. , 2018, , .		3
43	Joint Optical Performance Monitoring and Modulation Format/Bit-Rate Identification by CNN-Based Multi-Task Learning. IEEE Photonics Journal, 2018, 10, 1-12.	2.0	36
44	Design of weakly-coupled three-spatial-mode rectangular-ring core fiber for short-reach MDM networks in Câ€‰+â€‰L band. Optical and Quantum Electronics, 2018, 50, 1.	3.3	8
45	On the study of the relation between linear/nonlinear PAPR reduction and transmission performance for OFDM-based VLC systems. Optics Express, 2018, 26, 13891.	3.4	15
46	Single LED-Based Indoor Positioning System Using Multiple Photodetectors. IEEE Photonics Journal, 2018, 10, 1-8.	2.0	25
47	Single-channel 102 Tbit/s (256 Tbaud) optical Nyquist pulse transmission over 300 km. Optics Express, 2018, 26, 27221.	3.4	41
48	Single light-emitting diode-based high-accuracy indoor positioning system using symmetrical optical receiver. Optical Engineering, 2018, 57, 1.	1.0	2
49	All-fiber optical mode switching based on cascaded mode selective couplers for short-reach MDM networks. Optical Engineering, 2017, 56, 046104.	1.0	4
50	Low-complexity peak-to-average power ratio reduction scheme for flip-orthogonal frequency division multiplexing visible light communication system based on Î¼ -law mapping. Optical Engineering, 2017, 56, 066110.	1.0	2
51	Nonlinear dynamic evolution and control in CCFN with mixed attachment mechanisms. Physica A: Statistical Mechanics and Its Applications, 2017, 466, 120-132.	2.6	3
52	Experimental investigation on impacts of PAPR reduction schemes in OFDM-based VLC systems. , 2017, , .		0
53	Selective mapping and restorable clipping joint scheme for light-emitting diode nonlinearity alleviation in visible light communication system. Optical Engineering, 2016, 55, 056106.	1.0	0
54	A Novel Data-Aided Joint Timing and Carrier Frequency Offset Estimation Based on Central Symmetry ZC Sequence in OFDM/OQAM Systems. Wireless Personal Communications, 2016, 90, 1619-1634.	2.7	0

#	Article	IF	Citations
55	The efficiency droop impact of GaNâ€based LEDs on the performance of OFDM visible light communication system. Physica Status Solidi C: Current Topics in Solid State Physics, 2016, 13, 278-282.	0.8	0
56	Performance improvement of VLC system by using GaN-based LEDs with strain relief layers. IEEE Photonics Technology Letters, 2016, , 1-1.	2.5	2
57	Research of cooperative communication network with both preferential and random attachments. Communications in Nonlinear Science and Numerical Simulation, 2016, 31, 47-59.	3.3	5
58	Fountain code-based error control scheme for dimmable visible light communication systems. Optics Communications, 2015, 347, 20-24.	2.1	17
59	New design of optical zero correlation zone codes in quasi-synchronous VLC CDMA systems. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	18
60	Optimizational 6-bit all-optical quantization with positive or negative pre-chirp based on photonic crystal fiber. Optical Review, 2015, 22, 686-692.	2.0	0
61	A Mixed Message Distribution Inter-domain Signaling Protocol. , 2012, , .		1
62	A subscription-based two-way signaling for optical burst switched networks. Photonic Network Communications, 2012, 24, 198-209.	2.7	2
63	Topology aggregation and decoding algorithms based on a minimum spanning tree in asymmetric multi-domain optical networks. Photonic Network Communications, 2011, 21, 28-33.	2.7	0
64	Routing and Wavelength Assignment Strategy in Distributed Multi-Domain DWDM Network. , 2011, , .		4
65	A novel multicast routing algorithm in sparse splitting WDM network with power attenuation constraint. Photonic Network Communications, 2010, 19, 134-143.	2.7	7
66	Multicast routing and wavelength assignment with delay constraint in WDM networks with sparse wavelength conversions. Photonic Network Communications, 2010, 19, 144-154.	2.7	6
67	EA-HD: a novel link state update mechanism for ASON. Photonic Network Communications, 2010, 20, 209-215.	2.7	0
68	Ellipse-underlay protection algorithm to deal with regional demolishments in mesh optical networks. Photonic Network Communications, 2010, 20, 247-256.	2.7	1
69	A foresighted strategy for greed-based multicasting algorithms in all-optical mesh networks. Photonic Network Communications, 2010, 20, 278-283.	2.7	0
70	Dynamic Uplink Power Allocation with Hierarchical Interference Bound for Multi-Cell Multi-User Cognitive Radio System. , 2010, , .		0
71	Cross-layer Routing Design in Cognitive Radio Networks by Colored Multigraph Model. Wireless Personal Communications, 2009, 49, 123-131.	2.7	56
72	A Novel Wavelength Assignment Algorithm for Distributed Optical Networks. , 2009, , .		1

#	Article	IF	Citations
73	A Topology Aggregation Algorithm Based on Asymmetric Multi-Domain Optical Network. , 2009, , .		3
74	Performance improvement of OFDM-ROF system with clipping and filtering technique. IEEE Transactions on Consumer Electronics, 2008, 54, 296-299.	3.6	16
75	Design of trench-nanopore-assisted double-clad weakly coupled few-mode fiber for short-haul mode division multiplexing. Indian Journal of Physics, 0, , 1.	1.8	0