

Dahai Han

List of Publications by Year in descending order

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33
papers

400
citations

1040056

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15
g-index

33
all docs

33
docs citations

33
times ranked

334
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Demonstration of RGB LED-Based Optical Camera Communications. IEEE Photonics Journal, 2015, 7, 1-12.	2.0	107
2	Experimental Demonstration of a 1024-QAM Optical Camera Communication System. IEEE Photonics Technology Letters, 2016, 28, 139-142.	2.5	43
3	Performance analysis of short-range NLOS UV communication system using Monte Carlo simulation based on measured channel parameters. Optics Express, 2012, 20, 23489.	3.4	41
4	Experimental research and comparison of LDPC and RS channel coding in ultraviolet communication systems. Optics Express, 2014, 22, 5422.	3.4	33
5	Research on multiple-scattering channel with Monte Carlo model in UV atmosphere communication. Applied Optics, 2013, 52, 5516.	1.8	29
6	An indoor visible light communication positioning system using dual-tone multi-frequency technique. , 2013, , .		24
7	Simultaneous channel estimation and signal detection in wireless ultraviolet communications combating inter-symbol-interference. Optics Express, 2018, 26, 3260.	3.4	22
8	Deep Reinforcement Learning-Based Adaptive Handover Mechanism for VLC in a Hybrid 6G Network Architecture. IEEE Access, 2021, 9, 87241-87250.	4.2	14
9	SVM detection for superposed pulse amplitude modulation in visible light communications. , 2016, , .		13
10	A moving average filter based method of performance improvement for ultraviolet communication system. , 2012, , .		12
11	Research on channel-related polar code with an optimum code length for wireless ultraviolet communications. Optics Express, 2017, 25, 28630.	3.4	12
12	Design and Demonstration of a TDD-Based Central-Coordinated Resource-Reserved Multiple Access (CRMA) Scheme for Bidirectional VLC Networking. IEEE Access, 2021, 9, 7856-7868.	4.2	12
13	QoS sensitive routing in DiffServ MPLS-TP networks. , 2010, , .		4
14	Real-time bi-directional visible light communication system. , 2016, , .		4
15	Artificial neural network-embedded millimeter-level 3D positioning system with single LED and monitoring camera. Optical Engineering, 2021, 60, .	1.0	4
16	Cost-efficient routing, modulation, wavelength and port assignment using reinforcement learning in optical transport networks. Optical Fiber Technology, 2021, 64, 102571.	2.7	4
17	Service restoration in multi-modal optical transport networks with reinforcement learning. Optics Express, 2021, 29, 3825.	3.4	4
18	The EXC management in the OTN over WDM network. , 2010, , .		3

#	ARTICLE	IF	CITATIONS
19	Simulation and experimental research on the Alamouti code for ultraviolet communication. Optical Engineering, 2016, 55, 015101.	1.0	3
20	Decoding algorithm with Fast Hadamard Transform for channel quality indication (CQI) in 3GPP-LTE. , 2010, , .		2
21	Design and Implementation of a Topology Discovery Mechanism for Bidirectional VLC Networking. , 2020, , .		2
22	A dynamic handover scheme based on bidirectional VLC channel in multi-user attocell networks. Eurasip Journal on Wireless Communications and Networking, 2022, 2022, .	2.4	2
23	Spread spectrum-based white light communication with experiments. , 2016, , .		1
24	Experimental study of an optimized PSP-OSTBC scheme with m-PPM in ultraviolet scattering channel for optical MIMO system. Applied Optics, 2017, 56, 6564.	1.8	1
25	Investigating the optimal SCL decoding algorithm for polar codes in ultraviolet communication. , 2018, , .		1
26	A Visible Light Positioning System with a Novel Positioning Algorithm and Two LEDs. , 2019, , .		1
27	Experimental Research on Polar Code based on Gaussian Approximation for VLC system. , 2019, , .		1
28	Automated Rotating Photodetector Array Receiver with a Wide-FOV for Real-Time Visible Light Communications. , 2020, , .		1
29	Group-failure based cross-layer survivability research in intelligent optical networks. , 2010, , .		0
30	The analysis of LIU placement in the OTN over WDM network. , 2010, , .		0
31	A model of linear expanding in the local-world based on the laws of internal evolution of the wireless sensor networks. , 2010, , .		0
32	PMD Mitigation by Various Distribution Patterns of Fast Polarization Scramblers with Forward Error Correction. Journal of Optical Communications, 2012, 33, .	4.7	0
33	Reinforcement Learning Adaptive Vertical Handover Scheme for Hybrid VLC-IR Networks in Ship Cabins. , 2021, , .		0