

Xiaolin Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

473
citations

1307594

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1372567

10
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18
all docs

18
docs citations

18
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	345 m underwater optical wireless communication with 270 Gbps data rate based on a green laser diode with NRZ-OOK modulation. Optics Express, 2017, 25, 27937.	3.4	162
2	High-speed underwater optical wireless communication using a blue GaN-based micro-LED. Optics Express, 2017, 25, 1193.	3.4	153
3	Laser-based white-light source for high-speed underwater wireless optical communication and high-efficiency underwater solid-state lighting. Optics Express, 2018, 26, 19259.	3.4	50
4	Dynamic Resource Allocation for Smart-Grid Powered MIMO Downlink Transmissions. IEEE Journal on Selected Areas in Communications, 2016, 34, 3354-3365.	14.0	38
5	Toward Long-Distance Underwater Wireless Optical Communication Based on A High-Sensitivity Single Photon Avalanche Diode. IEEE Photonics Journal, 2020, 12, 1-10.	2.0	29
6	Experimental demonstration of non-line-of-sight visible light communication with different reflecting materials using a GaN-based micro-LED and modified IEEE 802.11ac. AIP Advances, 2018, 8, .	1.3	13
7	Stochastic Online Control for Energy-Harvesting Wireless Networks With Battery Imperfections. IEEE Transactions on Wireless Communications, 2016, 15, 8437-8448.	9.2	10
8	Performance and capacity analysis of Poisson photon-counting based Iter-PIC OCDMA systems. Optics Express, 2013, 21, 25954.	3.4	3
9	Soft Iterative Quantum Receivers Approaching the Helstrom Limit Using Realistic Quantum Devices. IEEE Access, 2018, 6, 10197-10207.	4.2	3
10	A Shot Noise Limited Quantum Iterative Massive MIMO System Over Poisson Atmospheric Channels. , 2019, , .		3
11	Photon Counting Based Iterative Quantum Non-Orthogonal Multiple Access with Spatial Coupling. , 2018, , .		2
12	A Poisson-Gaussian Noise Limited Quantum Iterative Multi-User System With Non-Ideal Photon-Counting Receiver. IEEE Photonics Journal, 2022, 14, 1-6.	2.0	2
13	Quantum Multiuser Communication Systems with Adaptive Feedback Measurement and Chip-Interleaved Iter-PIC Receiver. , 2017, , .		1
14	Design and Analysis of an Iterative Quantum Receiver with Photon-Number-Resolving Detector. , 2017, , .		1
15	An InGaN micro-LED based photodetector array for high-speed parallel visible light communication. , 2018, , .		1
16	Channel Estimation for High Speed Macro-MIMO RRH LTE-R Systems in LOS and NLOS Environments. , 2018, , .		1
17	A NOMA-Based Quantum Key Distribution System over Poisson Atmospheric Channels. , 2019, , .		1
18	A Photon-Counting Micro-LED Array Based Indoor Optical Wireless Communication System: Design and Experiment. , 2019, , .		0