

# Dahai Han

## List of Publications by Year in descending order

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33  
papers

400  
citations

1040056

9  
h-index

996975

15  
g-index

33  
all docs

33  
docs citations

33  
times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Deep Reinforcement Learning-Based Adaptive Handover Mechanism for VLC in a Hybrid 6G Network Architecture. IEEE Access, 2021, 9, 87241-87250.	4.2	14
4	Artificial neural network-embedded millimeter-level 3D positioning system with single LED and monitoring camera. Optical Engineering, 2021, 60, .	1.0	4
5	Cost-efficient routing, modulation, wavelength and port assignment using reinforcement learning in optical transport networks. Optical Fiber Technology, 2021, 64, 102571.	2.7	4
6	Service restoration in multi-modal optical transport networks with reinforcement learning. Optics Express, 2021, 29, 3825.	3.4	4
7	Reinforcement Learning Adaptive Vertical Handover Scheme for Hybrid VLC-IR Networks in Ship Cabins. , 2021, , .		0
8	Design and Implementation of a Topology Discovery Mechanism for Bidirectional VLC Networking. , 2020, , .		2
9	Automated Rotating Photodetector Array Receiver with a Wide-FOV for Real-Time Visible Light Communications. , 2020, , .		1
10	A Visible Light Positioning System with a Novel Positioning Algorithm and Two LEDs. , 2019, , .		1
11	Experimental Research on Polar Code based on Gaussian Approximation for VLC system. , 2019, , .		1
12	Investigating the optimal SCL decoding algorithm for polar codes in ultraviolet communication. , 2018, , .		1
13	Simultaneous channel estimation and signal detection in wireless ultraviolet communications combating inter-symbol-interference. Optics Express, 2018, 26, 3260.	3.4	22
14	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
15	Research on channel-related polar code with an optimum code length for wireless ultraviolet communications. Optics Express, 2017, 25, 28630.	3.4	12
16	Spread spectrum-based white light communication with experiments. , 2016, , .		1
17	Real-time bi-directional visible light communication system. , 2016, , .		4
18	SVM detection for superposed pulse amplitude modulation in visible light communications. , 2016, , .		13

#	ARTICLE	IF	CITATIONS
19	Experimental Demonstration of a 1024-QAM Optical Camera Communication System. IEEE Photonics Technology Letters, 2016, 28, 139-142.	2.5	43
20	Simulation and experimental research on the Alamouti code for ultraviolet communication. Optical Engineering, 2016, 55, 015101.	1.0	3
21	Experimental Demonstration of RGB LED-Based Optical Camera Communications. IEEE Photonics Journal, 2015, 7, 1-12.	2.0	107
22	Experimental research and comparison of LDPC and RS channel coding in ultraviolet communication systems. Optics Express, 2014, 22, 5422.	3.4	33
23	An indoor visible light communication positioning system using dual-tone multi-frequency technique. , 2013, , .		24
24	Research on multiple-scattering channel with Monte Carlo model in UV atmosphere communication. Applied Optics, 2013, 52, 5516.	1.8	29
25	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
26	A moving average filter based method of performance improvement for ultraviolet communication system. , 2012, , .		12
27	PMD Mitigation by Various Distribution Patterns of Fast Polarization Scramblers with Forward Error Correction. Journal of Optical Communications, 2012, 33, .	4.7	0
28	Decoding algorithm with Fast Hadamard Transform for channel quality indication (CQI) in 3GPP-LTE. , 2010, , .		2
29	The EXC management in the OTN over WDM network. , 2010, , .		3
30	Group-failure based cross-layer survivability research in intelligent optical networks. , 2010, , .		0
31	The analysis of LIU placement in the OTN over WDM network. , 2010, , .		0
32	A model of linear expanding in the local-world based on the laws of internal evolution of the wireless sensor networks. , 2010, , .		0
33	QoS sensitive routing in DiffServ MPLS-TP networks. , 2010, , .		4