Seyed Alireza Nezamalhosseini

List of Publications by Year
in descending order

20 papers	326 citations	1163117 8 h-index	1058476 14 g-index
20 all docs	20 docs citations	20 times ranked	314 citing authors

#	Article	IF	Citations
1	Theoretical and experimental investigation of direct detection optical OFDM transmission using beat interference cancellation receiver. Optics Express, 2013, 21, 15237.	3.4	87
2	Energy Efficient Routing and Spectrum Assignment With Regenerator Placement in Elastic Optical Networks. Journal of Lightwave Technology, 2014, 32, 2019-2027.	4.6	74
3	Deep Learning for channel estimation in FSO communication system. Optics Communications, 2020, 459, 124989.	2.1	38
4	Novel suboptimal approaches for hyperparameter tuning of deep neural network [under the shelf of optical communication]. Physical Communication, 2020, 41, 101057.	2.1	31
5	Performance Analysis of Equal-Energy Two-Level OCDMA System Using Generalized Optical Orthogonal Codes. Journal of Lightwave Technology, 2013, 31, 1573-1584.	4.6	17
6	Optimal Power Allocation for MIMO Underwater Wireless Optical Communication Systems Using Channel State Information at the Transmitter. IEEE Journal of Oceanic Engineering, 2021, 46, 319-325.	3.8	14
7	Algorithm and VLSI Design for 1-Bit Data Detection in Massive MIMO-OFDM. IEEE Open Journal of Circuits and Systems, 2020, 1, 170-184.	1.9	13
8	Resource Allocation of Hybrid VLC/RF Systems With Light Energy Harvesting. IEEE Transactions on Green Communications and Networking, 2022, 6, 600-612.	5.5	11
9	Low complexity deep learning algorithms for compensating atmospheric turbulence in the free space optical communication system. IET Optoelectronics, 2022, 16, 93-105.	3.3	9
10	Joint Power and Gain Allocation in MDM-WDM Optical Communication Networks Based on Enhanced Gaussian Noise Model. IEEE Access, 2022, 10, 23122-23139.	4.2	8
11	Novel FWM-Based Spectral Amplitude Code Label Recognition for Optical Packet-Switched Networks. IEEE Photonics Journal, 2013, 5, 6601510-6601510.	2.0	7
12	Optimal power allocation in nonlinear MDM–WDM systems using Gaussian noise model. IET Optoelectronics, 2022, 16, 133-148.	3.3	6
13	LiFi grid: a machine learning approach to user-centric design. Applied Optics, 2020, 59, 8895.	1.8	3
14	A Deep Learning based Detector for FSO System Considering Imperfect CSI Scenario. , 2020, , .		3
15	Meta-ensemble learning for OPM in FMF systems. Applied Optics, 2022, 61, 6249.	1.8	3
16	A high-throughput low-complexity VLSI architecture for ZF precoding in massive MIMO. , 2017, , .		1
17	Near-ML Detection in Massive MIMO Systems with One-Bit ADCs: Algorithm and VLSI Design. , 2018, , .		1
18	A novel receiver for spectrally efficient direct detection optical OFDM. , 2013, , .		0

#	Article	IF	Citations
19	FWM-based SAC label recognition for optical packet switched networks. , 2013, , .		0
20	Modified Joint Channel-and-Data Estimation for One-Bit Massive MIMO. , 2021, , .		0