

Isiaka Alimi

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

600
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933447

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43
all docs

43
docs citations

43
times ranked

557
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward an Efficient C-RAN Optical Fronthaul for the Future Networks: A Tutorial on Technologies, Requirements, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2018, 20, 708-769.	39.4	269
2	Challenges and Opportunities of Optical Wireless Communication Technologies. , 0, , .		39
3	Analysis of multiuser mixed RF/FSO relay networks for performance improvements in Cloud Computing-Based Radio Access Networks (CC-RANs). Optics Communications, 2017, 402, 653-661.	2.1	27
4	Channel characterization and empirical model for ergodic capacity of free-space optical communication link. Optics Communications, 2017, 390, 123-129.	2.1	22
5	Outage Probability of Multiuser Mixed RF/FSO Relay Schemes for Heterogeneous Cloud Radio Access Networks (H-CRANs). Wireless Personal Communications, 2017, 95, 27-41.	2.7	20
6	Spatial Interpolated Lookup Tables (LUTs) Models for Ergodic Capacity of MIMO FSO Systems. IEEE Photonics Technology Letters, 2017, 29, 583-586.	2.5	18
7	Optical wireless communication for future broadband access networks. , 2016, , .		17
8	Real-time dual-polarization transmission based on hybrid optical wireless communications. Optical Fiber Technology, 2018, 40, 114-117.	2.7	17
9	Towards Enhanced Mobile Broadband Communications: A Tutorial on Enabling Technologies, Design Considerations, and Prospects of 5G and beyond Fixed Wireless Access Networks. Applied Sciences (Switzerland), 2021, 11, 10427.	2.5	17
10	Optical Signal Phase Retrieval With Low Complexity DC-Value Method. Journal of Lightwave Technology, 2020, 38, 4205-4212.	4.6	15
11	Performance Analysis of Space-Air-Ground Integrated Network (SAGIN) Over an Arbitrarily Correlated Multivariate FSO Channel. Wireless Personal Communications, 2018, 100, 47-66.	2.7	14
12	Effects of diversity schemes and correlated channels on OWC systems performance. Journal of Modern Optics, 2017, 64, 2298-2305.	1.3	12
13	Effects of Correlated Multivariate FSO Channel on Outage Performance of Space-Air-Ground Integrated Network (SAGIN). Wireless Personal Communications, 2019, 106, 7-25.	2.7	12
14	Enabling Optical Wired and Wireless Technologies for 5G and Beyond Networks. , 0, , .		12
15	A Review of Self-Coherent Optical Transceivers: Fundamental Issues, Recent Advances, and Research Directions. Applied Sciences (Switzerland), 2021, 11, 7554.	2.5	11
16	Simple and robust transmit diversity based free-space optical communications for 5G and beyond networks. Optics Communications, 2020, 476, 126306.	2.1	6
17	Flexible Infrastructure for the Development and Integration of Access/Fronthauling Solutions in Future Wireless Systems. , 2018, , .		5
18	Self-coherent optical detection for access and metro networks. , 2019, , .		5

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19	Performance Analysis of 5G Fixed Wireless Access Networks with Antenna Diversity Techniques. <i>Wireless Personal Communications</i> , 2020, 113, 1541-1565.	2.7	5
20	Performance Analysis of Bit-Error-Rate and Channel Capacity of MIMO Communication Systems over Multipath Fading Channels. <i>International Journal of Informatics and Communication Technology (IJ-ICT)</i> , 2013, 2, .	0.1	5
21	Functional Split Perspectives: A Disruptive Approach to RAN Performance Improvement. <i>Wireless Personal Communications</i> , 2019, 106, 205-218.	2.7	4
22	Voice-Based Door Access Control System Using the Mel Frequency Cepstrum Coefficients and Gaussian Mixture Model. <i>International Journal of Electrical and Computer Engineering</i> , 2014, 4, .	0.7	4
23	Virtual Carrier Assisted Self-Coherent Detection Employing DC-Value Method. , 2021, , .		4
24	Optical transforms and CGH for SDM systems. , 2016, , .		3
25	Spatial Light Modulation as a Flexible Platform for Optical Systems. , 0, , .		3
26	Towards a Sustainable Green Design for Next-Generation Networks. <i>Wireless Personal Communications</i> , 2021, 121, 1123-1138.	2.7	3
27	6G CloudNet: Towards a Distributed, Autonomous, and Federated AI-Enabled Cloud and Edge Computing. <i>Computer Communications and Networks</i> , 2021, , 251-283.	0.8	3
28	Separation of Digital Audio Signals using Least-Mean-Square (LMS) Adaptive Algorithm. <i>International Journal of Electrical and Computer Engineering</i> , 2014, 4, .	0.7	3
29	Trends in Cloud Computing Paradigms: Fundamental Issues, Recent Advances, and Research Directions toward 6G Fog Networks. , 0, , .		2
30	Impact of the carrier contribution factor in the self-coherent DC-value method. <i>Optics Express</i> , 2021, 29, 41234.	3.4	2
31	Bidirectional SMF and PFâ€POF transmission of 400 Gbps Nyquist shaped on DPâ€QPSK systems. <i>Microwave and Optical Technology Letters</i> , 2019, 61, 256-260.	1.4	1
32	Network-On-Chip Topologies: Potentials, Technical Challenges, Recent Advances and Research Direction. , 0, , .		1
33	Link Adaptation for Microwave Link using both MATLAB and Path-Loss Tool. <i>Indonesian Journal of Electrical Engineering and Informatics</i> , 2016, 4, .	0.3	1
34	The Growth and Impact of Information and Communication Technologies in Africa. <i>International Journal of Electronics and Electrical Engineering</i> , 2014, 3, .	0.2	0
35	Design of a Data Logger for Biomedical Signals. <i>International Journal of Electronics and Electrical Engineering</i> , 2014, 3, .	0.2	0
36	A Power Efficient Rake Receiver for Interference Reduction in the Mobile Communication Systems. <i>International Journal of Electronics and Electrical Engineering</i> , 2015, 3, .	0.2	0

#	ARTICLE	IF	CITATIONS
37	Performance Improvement of Digital Hearing Aid Systems. Journal of Communications Technology Electronics and Computer Science, 0, 1, 27.	0.0	0
38	Effective Multi-Layer Security for Campus Network. Journal of Communications Technology Electronics and Computer Science, 0, 2, 6.	0.0	0
39	Fast Statistical Modelling of Temperature Variation on 28Ånm FDSOI Technology. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 289-298.	0.3	0