Abdallah Khreishah

List of Publications by Year
in descending order

91 papers	4,063 citations	279487 23 h-index	133063 59 g-index
91 all docs	91 docs citations	91 times ranked	4385 citing authors

#	Article	IF	Citations
1	Investigating the Factors Impacting Adversarial Attack and Defense Performances in Federated Learning. IEEE Transactions on Engineering Management, 2024, , 1-14.	2.4	1
2	Smart Traffic Monitoring System Using Computer Vision and Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12027-12038.	4.7	27
3	Adversarial Machine Learning in Text Processing: A Literature Survey. IEEE Access, 2022, 10, 17043-17077.	2.6	6
4	Power-Efficient Wireless Coverage Using Minimum Number of UAVs. Sensors, 2022, 22, 223.	2.1	10
5	MediaFlow: Multicast Routing and In-Network Monitoring for Professional Media Production. IEEE Transactions on Network and Service Management, 2022, 19, 1862-1875.	3.2	1
6	Self-Optimizing Data Offloading in Mobile Heterogeneous Radio-Optical Networks: A Deep Reinforcement Learning Approach. IEEE Network, 2022, 36, 100-106.	4.9	0
7	Evaluating the feasibility of random waypoint model for indoor wireless networks. Internet Technology Letters, 2021, 4, e214.	1.4	2
8	Machine learning-based security-aware spatial modulation for heterogeneous radio-optical networks. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, .	1.0	3
9	An Adaptive Black-box Defense against Trojan Attacks on Text Data. , 2021, , .		0
10	Enabling Real-Time Indoor Tracking of IoT Devices Through Visible Light Retroreflection. IEEE Transactions on Mobile Computing, 2020, 19, 836-851.	3.9	23
11	Optimizing Handover Parameters by Q-Learning for Heterogeneous Radio-Optical Networks. IEEE Photonics Journal, 2020, 12, 1-15.	1.0	19
12	ManiGen: A Manifold Aided Black-Box Generator of Adversarial Examples. IEEE Access, 2020, 8, 197086-197096.	2.6	4
13	Alleviating Item-Side Cold-Start Problems in Recommender Systems Using Weak Supervision. IEEE Access, 2020, 8, 167747-167756.	2.6	10
14	Harnessing retroreflective transportation infrastructure for intelligent vehicle positioning. Vehicular Communications, 2020, 24, 100246.	2.7	0
15	Welcome to the CROWD: Design Decisions for Coexisting Radio and Optical Wireless Deployments. IEEE Network, 2019, 33, 174-182.	4.9	12
16	UAVs to the Rescue: Prolonging the Lifetime of Wireless Devices Under Disaster Situations. IEEE Transactions on Green Communications and Networking, 2019, 3, 942-954.	3.5	20
17	Multicast Optimization for CLOS Fabric in Media Data Centers. IEEE Transactions on Network and Service Management, 2019, 16, 1855-1868.	3.2	5
18	Wireless Coverage for Mobile Users in Dynamic Environments Using UAV. IEEE Access, 2019, 7, 126376-126390.	2.6	24

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19	Hierarchical Capacity Provisioning for Fog Computing. IEEE/ACM Transactions on Networking, 2019, 27, 962-971.	2.6	25
20	Unmanned Aerial Vehicles (UAVs): A Survey on Civil Applications and Key Research Challenges. IEEE Access, 2019, 7, 48572-48634.	2.6	1,221
21	Poster Abstract: Optimizing Handover Parameters by Q-learning for Heterogeneous RF-VLC Networks. , 2019, , .		2
22	Online Algorithm for Opportunistic Handling of Received Packets in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 285-296.	4.7	5
23	Renewable Energy-Aware Joint Caching and Routing for Green Communication Networks. IEEE Systems Journal, 2018, 12, 768-777.	2.9	22
24	Network slicing to improve multicasting in HPC clusters. Cluster Computing, 2018, 21, 1493-1506.	3.5	2
25	Indoor Mobile Coverage Problem Using UAVs. IEEE Systems Journal, 2018, 12, 3837-3848.	2.9	26
26	A Novel and Robust Authentication Factor Based on Network Communications Latency. IEEE Systems Journal, 2018, 12, 3279-3290.	2.9	5
27	Robust Insider Attacks Countermeasure for Hadoop: Design and Implementation. IEEE Systems Journal, 2018, 12, 1874-1885.	2.9	15
28	Photonic crystal-based permutation switch for optical networks. Photonic Network Communications, 2018, 35, 90-96.	1.4	14
29	Security Aware Spatial Modulation (SA-SM). , 2018, , .		2
30	Optimal Placement of a UAV to Maximize the Lifetime of Wireless Devices. , 2018, , .		14
31	Design and Implementation of a Hybrid RF-VLC System with Bandwidth Aggregation. , 2018, , .		16
32	Efficient Deployment of UAVs for Maximum Wireless Coverage Using Genetic Algorithm. , 2018, , .		15
33	A Hybrid RF-VLC System for Energy Efficient Wireless Access. IEEE Transactions on Green Communications and Networking, 2018, 2, 932-944.	3.5	53
34	A Novel Demultiplexing Design for Coarse WDM: Exploiting Material Dispersion. Journal of Optical Communications, 2017, 38, .	4.0	1
35	Efficient 3D placement of a UAV using particle swarm optimization. , 2017, , .		81
36	Distributed Energy-Spectrum Trading in Green Cognitive Radio Cellular Networks. IEEE Transactions on Green Communications and Networking, 2017, 1, 253-263.	3.5	15

#	ARTICLE	IF	CITATIONS
37	Systematization of Knowledge (SoK): A Systematic Review of Software-Based Web Phishing Detection. IEEE Communications Surveys and Tutorials, 2017, 19, 2797-2819.	24.8	64
38	Fabrication of Phosphor-Free III-Nitride Nanowire Light-Emitting Diodes on Metal Substrates for Flexible Photonics. ACS Omega, 2017, 2, 5708-5714.	1.6	13
39	Providing wireless coverage to high-rise buildings using UAVs. , 2017, , .		39
40	Smart Cities: A Survey on Data Management, Security, and Enabling Technologies. IEEE Communications Surveys and Tutorials, 2017, 19, 2456-2501.	24.8	383
41	Visible Light Communication Module: An Open Source Extension to the ns3 Network Simulator With Real System Validation. IEEE Access, 2017, 5, 22144-22158.	2.6	35
42	Online Auction of Cloud Resources in Support of the Internet of Things. IEEE Internet of Things Journal, 2017, 4, 1583-1596.	5.5	23
43	Pixelated VLC-Backscattering for Self-Charging Indoor IoT Devices. IEEE Photonics Technology Letters, 2017, 29, 177-180.	1.3	58
44	Maximizing indoor wireless coverage using UAVs equipped with directional antennas. , 2017, , .		17
45	Indoor Localization Using Visible Light Via Fusion of Multiple Classifiers. IEEE Photonics Journal, 2017, 9, 1-16.	1.0	75
46	CLAS: A Novel Communications Latency Based Authentication Scheme. Security and Communication Networks, 2017, 2017, 1-20.	1.0	3
47	iRP: intelligent rendezvous point for multicast control plane. , 2017, , .		3
48	Joint Caching, Routing, and Channel Assignment for Collaborative Small-Cell Cellular Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 2275-2284.	9.7	85
49	On the continuous coverage problem for a swarm of UAVs. , 2016, , .		57
50	Efficient Online Collaborative Caching in Cellular Networks with Multiple Base Stations. , 2016, , .		19
51	Distributed Online En-Route Caching. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3455-3468.	4.0	1
52	Secure inter cloud data migration. , 2016, , .		7
53	Delay Analysis of Unsaturated Heterogeneous Omnidirectional-Directional Small Cell Wireless Networks: The Case of RF-VLC Coexistence. IEEE Transactions on Wireless Communications, 2016, 15, 8406-8421.	6.1	20
54	Anycast Planning in Space Division Multiplexing Elastic Optical Networks With Multi-Core Fibers. IEEE Communications Letters, 2016, 20, 1983-1986.	2.5	40

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55	Your Credentials Are Compromised, Do Not Panic. , 2016, , .		2
56	Joint Link Scheduling and Brightness Control for Greening VLC-Based Indoor Access Networks. Journal of Optical Communications and Networking, 2016, 8, 148.	3.3	35
57	A Provably Efficient Online Collaborative Caching Algorithm for Multicell-Coordinated Systems. IEEE Transactions on Mobile Computing, 2016, 15, 1863-1876.	3.9	103
58	Coexistence of WiFi and LiFi toward 5G: concepts, opportunities, and challenges. IEEE Communications Magazine, 2016, 54, 64-71.	4.9	375
59	Broadcasting with hard deadlines in wireless multihop networks using network coding. Wireless Communications and Mobile Computing, 2015, 15, 983-999.	0.8	5
60	Cooperative mobile internet access with opportunistic scheduling. , 2015, , .		2
61	Cooperative weighted-fair control strategy for spectrum self-coexistence in multi-cell WRAN systems. Computers and Electrical Engineering, 2015, 46, 65-77.	3.0	3
62	Design and Analysis of a Visible-Light-Communication Enhanced WiFi System. Journal of Optical Communications and Networking, 2015, 7, 960.	3.3	111
63	Collaborative caching for multicell-coordinated systems. , 2015, , .		34
64	Designing High Performance Web-Based Computing Services to Promote Telemedicine Database Management System. IEEE Transactions on Services Computing, 2015, 8, 47-64.	3.2	21
65	Universal Network Coding-Based Opportunistic Routing for Unicast. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1765-1774.	4.0	4
66	TPM-Based Authentication Mechanism for Apache Hadoop. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 105-122.	0.2	5
67	Cloud Computing Security: A Survey. Computers, 2014, 3, 1-35.	2.1	196
68	An Indoor Hybrid WiFi-VLC Internet Access System. , 2014, , .		76
69	Symbol-level reliable broadcasting of sensitive data in error-prone wireless networks. Journal of Parallel and Distributed Computing, 2014, 74, 2673-2685.	2.7	1
70	Consolidated Identity Management System for secure mobile cloud computing. Computer Networks, 2014, 65, 99-110.	3.2	45
71	Scalable Cloudlet-based Mobile Computing Model. Procedia Computer Science, 2014, 34, 434-441.	1.2	74
72	Dependable wireless sensor networks for reliable and secure humanitarian relief applications. Ad Hoc Networks, 2014, 13, 94-106.	3.4	22

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73	Security Concerns in Cloud Computing. , 2013, , .		34
74	Efficient symbol-level transmission in error-prone wireless networks. , 2013, , .		2
75	Low Complexity and Provably Efficient Algorithm for Joint Inter and Intrasession Network Coding in Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2015-2024.	4.0	13
76	Distributed secure routing protocol for Mobile Ad-Hoc Networks. , 2013, , .		4
77	Multi-layer Video Streaming with Helper Nodes Using Network Coding. , 2013, , .		9
78	Cache content placement using triangular network coding. , 2013, , .		28
79	An Adaptive OFDMA-Based MAC Protocol for Underwater Acoustic Wireless Sensor Networks. Sensors, 2012, 12, 8782-8805.	2.1	31
80	Deadline-aware broadcasting in wireless networks with local network coding. , 2012, , .		6
81	On the analysis of identity delegation attacks. , 2012, , .		2
82	Universal opportunistic routing scheme using network coding. , 2012, , .		12
83	Tuple switching networkâ€"When slower may be better. Journal of Parallel and Distributed Computing, 2012, 72, 1521-1534.	2.7	8
84	Flow-based XOR Network Coding for Lossy Wireless Networks. IEEE Transactions on Wireless Communications, 2012, 11, 2321-2329.	6.1	29
85	CTAC: Control traffic tunneling attacksâ€™ countermeasures in mobile wireless networks. Computer Networks, 2012, 56, 3300-3317.	3.2	8
86	Program Scalability Analysis for HPC Cloud: Applying Amdahl's Law to NAS Benchmarks. , 2012, , .		14
87	Resource Planning for Parallel Processing in the Cloud. , 2011, , .		20
88	Polynomial Time and Provably Efficient Network Coding Scheme for Lossy Wireless Networks. , 2011, , .		4
89	Sustainable GPU Computing at Scale. , 2011, , .		11
90	Flow Based XOR Network Coding for Lossy Wireless Networks. , 2011, , .		9

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91	Cross-layer optimization for wireless multihop networks with pairwise intersession network coding. IEEE Journal on Selected Areas in Communications, 2009, 27, 606-621.	9.7	62