

Mohamad Khattar Awad

List of Publications by Year in descending order

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35
papers

803
citations

758635

12
h-index

713013

21
g-index

36
all docs

36
docs citations

36
times ranked

1107
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning-Based Multipath Routing for Software Defined Networks. Journal of Network and Systems Management, 2021, 29, 1.	3.3	23
2	Resource allocation for downlink non-orthogonal multiple access in joint transmission coordinated multi-point networks. Computer Communications, 2021, 173, 134-149.	3.1	4
3	User association for load balancing in coordinated multipoint green HetNets: A Quasi-Newton-based approach. Physical Communication, 2021, 49, 101464.	1.2	0
4	Near-Optimal and Truthful Online Auction for Computation Offloading in Green Edge-Computing Systems. IEEE Transactions on Mobile Computing, 2020, 19, 880-893.	3.9	97
5	A Robust and Resilient Load Balancing Framework for SoftRAN-Based HetNets With Hybrid Energy Supplies. IEEE Transactions on Network and Service Management, 2020, 17, 1403-1417.	3.2	5
6	A Quasi-Newton-based Approach to Load Balancing in Coordinated MultiPoint (CoMP) Green HetNets. , 2019, , .		1
7	Joint Subcarrier Assignment and Global Energy-Efficient Power Allocation for Energy-Harvesting Two-Tier Downlink NOMA Hetnets. IEEE Access, 2019, 7, 163556-163577.	2.6	22
8	Modeling Energy Saving Mechanism for Green Routers. IEEE Transactions on Green Communications and Networking, 2018, 2, 817-829.	3.5	2
9	Optimal Dual-Connectivity Traffic Offloading in Energy-Harvesting Small-Cell Networks. IEEE Transactions on Green Communications and Networking, 2018, 2, 1041-1058.	3.5	10
10	Energy-Harvesting-Aided Spectrum Sensing and Data Transmission in Heterogeneous Cognitive Radio Sensor Network. IEEE Transactions on Vehicular Technology, 2017, 66, 831-843.	3.9	173
11	Energy-aware routing for software-defined networks with discrete link rates: A benders decomposition-based heuristic approach. Sustainable Computing: Informatics and Systems, 2017, 13, 31-41.	1.6	11
12	A benchmark implementation for evaluating the performance of power-aware routing algorithms in practical Software-Defined Networks. , 2017, , .		3
13	Power-efficient routing for SDN with discrete link rates and size-limited flow tables: A tree-based particle swarm optimization approach. International Journal of Network Management, 2017, 27, e1972.	1.4	12
14	An Energy Efficient Integral Routing Algorithm for Software-Defined Networks. , 2017, , .		4
15	Secure and scalable aggregation in the smart grid resilient against malicious entities. Ad Hoc Networks, 2016, 50, 58-67.	3.4	26
16	A greedy power-aware routing algorithm for software-defined networks. , 2016, , .		5
17	Toward Energy-Efficient and Robust Large-Scale WSNs: A Scale-Free Network Approach. IEEE Journal on Selected Areas in Communications, 2016, 34, 4035-4047.	9.7	38
18	Utility-Optimal Resource Management and Allocation Algorithm for Energy Harvesting Cognitive Radio Sensor Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 3552-3565.	9.7	155

#	ARTICLE	IF	CITATIONS
19	On the optimality of escalating penalties for repeat offences against the academic honour code. Applied Economics, 2016, 48, 553-562.	1.2	3
20	The impact of practical network constraints on the performance of energy-aware routing schemes. , 2015, , .		6
21	Energy-Efficient and Fault-Tolerant Evolution Models for Large-Scale Wireless Sensor Networks: A Complex Networks-Based Approach. , 2015, , .		6
22	Optimal penalties for misbehavior deterrence in communication networks. , 2015, , .		0
23	Energy-Efficient and Fault-Tolerant Evolution Models for Large-Scale Wireless Sensor Networks: A Complex Networks-Based Approach. , 2014, , .		0
24	A penalty scheme for academic dishonesty. , 2013, , .		1
25	Recursive Least-Squares Source Tracking using One Acoustic Vector Sensor. IEEE Transactions on Aerospace and Electronic Systems, 2012, 48, 3073-3083.	2.6	46
26	Impact of imperfect channel state information on cooperative communications. , 2011, , .		1
27	A Dual-Decomposition-Based Resource Allocation for OFDMA Networks With Imperfect CSI. IEEE Transactions on Vehicular Technology, 2010, 59, 2394-2403.	3.9	60
28	Design of Fair Weights for Heterogeneous Traffic Scheduling in Multichannel Wireless Networks. IEEE Transactions on Communications, 2010, 58, 2892-2902.	4.9	33
29	Maintaining Utility Fairness Using Weighting Factors in Wireless Networks. , 2009, , .		1
30	Power Allocation for Cooperative Diversity Networks with Inaccurate CSI: A Robust and Constrained Kalman Filter Approach. , 2009, , .		0
31	Ergodic mutual information of OFDMA-based Selection-Decode-and-Forward cooperative relay networks with imperfect CSI. Physical Communication, 2009, 2, 184-193.	1.2	7
32	Resource Allocation in OFDM-Based WiMAX. Wireless Networks and Mobile Communications, 2009, , .	1.0	3
33	Uplink Ergodic Mutual Information of OFDMA-Based Two-Hop Cooperative Relay Networks with Imperfect CSI. , 2008, , .		4
34	An Integrated Overview of the Open Literature's Empirical Data on the Indoor Radiowave Channel's Delay Properties. IEEE Transactions on Antennas and Propagation, 2008, 56, 1451-1468.	3.1	38
35	Source Tracking with Multiple-Forgetting-Factor RLS Using a Vector-Hydrophone Away From or Near a Reflecting Boundary. , 2006, , .		1