Wissam F Fawaz

List of Publications by Year
in descending order

49	1,101	687363	434195
papers	citations	13	31
		h-index	g-index

51	51	51	1053
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Joint computing, communication and cost-aware task offloading in D2D-enabled Het-MEC. Computer Networks, 2022, 209, 108900.	5.1	12
2	Quality-of-Service Differentiation in Buffer-Aided Cooperative Free Space Optical Communication Systems. IEEE Transactions on Wireless Communications, 2021, 20, 6064-6077.	9.2	3
3	Toward an Improvement of Engineering Teaming Skills Through an In-House Professionalism Course. IEEE Transactions on Education, 2020, 63, 273-282.	2.4	8
4	Impact of the Direct Link on the Performance of Single-Relay Buffer-Aided FSO Communications. , 2019, , .		5
5	Partial grid false data injection attacks against state estimation. International Journal of Electrical Power and Energy Systems, 2019, 110, 623-629.	5.5	33
6	UAV-Aided Cooperation for FSO Communication Systems. IEEE Communications Magazine, 2018, 56, 70-75.	6.1	136
7	Effect of non-cooperative vehicles on path connectivity in vehicular networks: A theoretical analysis and UAV-based remedy. Vehicular Communications, 2018, 11, 12-19.	4.0	36
8	Buffer-Aided Serial Relaying for FSO Communications: Asymptotic Analysis and Impact of Relay Placement. IEEE Transactions on Wireless Communications, 2018, 17, 8299-8313.	9.2	18
9	Optimal Supercharge Scheduling of Electric Vehicles: Centralized Versus Decentralized Methods. IEEE Transactions on Vehicular Technology, 2018, 67, 7896-7909.	6.3	36
10	Buffer-Aided Relaying Protocols for Cooperative FSO Communications. IEEE Transactions on Wireless Communications, 2017, 16, 8205-8219.	9.2	26
11	Unmanned Aerial Vehicles as Store-Carry-Forward Nodes for Vehicular Networks. IEEE Access, 2017, 5, 23710-23718.	4.2	55
12	An exact modelling of the uniform control traffic delay in undersaturated signalized intersections. Journal of Advanced Transportation, 2016, 50, 918-932.	1.7	8
13	Modelling, analysis and performance improvement of an SRUâ€™s access request queue in multi-channel V2I communications. Pervasive and Mobile Computing, 2015, 21, 92-102.	3.3	2
14	DSA-based V2I communication under the microscope. , 2014, , .		1
15	Impact of information availability on starvation mitigation and delay minimal delivery in ICRCNs. , 2014, , .		0
16	Improved EDF-based management of the setup of connections in opaque and transparent optical networks. Photonic Network Communications, 2014, 27, 8-15.	2.7	1
17	A First Step Towards the Resolution of the Starvation Problem in Multi-Point-to-Point ICRCNs. IEEE Communications Letters, 2013, 17, 2104-2107.	4.1	2
18	Which Vehicle To Select?. IEEE Communications Letters, 2012, 16, 812-815.	4.1	19

#	Article	IF	Citations
19	A Probabilistic and Traffic-Aware Bundle Release Scheme for Vehicular Intermittently Connected Networks. IEEE Transactions on Communications, 2012, 60, 3396-3406.	7.8	5
20	Disruption-Tolerant Networking: A Comprehensive Survey on Recent Developments and Persisting Challenges. IEEE Communications Surveys and Tutorials, 2012, 14, 607-640.	39.4	279
21	A Simple Free-Flow Traffic Model for Vehicular Intermittently Connected Networks. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 1312-1326.	8.0	92
22	Enhancement of blocking performance in all-optical WDM networks via wavelength reassignment and route deviation. Computer Communications, 2012, 35, 929-935.	5.1	3
23	Modeling and Delay Analysis of Intermittently Connected Roadside Communication Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 2698-2706.	6.3	35
24	A Probabilistic Bundle Relay Strategy in Two-Hop Vehicular Delay Tolerant Networks. , 2011, , .		5
25	Probabilistic Bundle Relaying Schemes in Two-Hop Vehicular Delay Tolerant Networks. IEEE Communications Letters, 2011, 15, 281-283.	4.1	47
26	Preemption-Enabled Setup of Optical Connections Coupled with Event-Driven Rerouting. IEEE Communications Letters, 2011, 15, 250-252.	4.1	3
27	Modeling and Analysis of Bulk Bundle Release Schemes in Two-Hop Vehicular DTNs. , 2011, , .		1
28	A Novel Event-Driven QoS-Aware Connection Setup Management Scheme for Optical Networks. Communications in Computer and Information Science, 2011, , 139-150.	0.5	2
29	Networking in E-textiles. Computer Communications, 2010, 33, 655-666.	5.1	7
30	Deadline-based connection setup in wavelength-routed WDM networks. Computer Networks, 2010, 54, 1792-1804.	5.1	9
31	Priority-aware optical shared protection coupled with mutation probability. , 2010, , .		1
32	Priority-aware optical shared protection: An offline evaluation study. Computer Communications, 2009, 32, 1677-1684.	5.1	12
33	Incorporating mutation probability into priority-aware protection in optical networks. IEEE Communications Letters, 2009, 13, 865-867.	4.1	4
34	Space-Time Codes for MIMO Ultra-Wideband Communications and MIMO Free-Space Optical Communications with PPM. IEEE Journal on Selected Areas in Communications, 2008, 26, 938-947.	14.0	34
35	Distributed information-lossless space-time codes for amplify-and-forward TH-UWB systems. IEEE Communications Letters, 2008, 12, 298-300.	4.1	3
36	A Simple Quality-of-Service-Based Connection Setup Management Approach for Optical Networks. , 2008, , .		2

#	Article	IF	Citations
37	A novel connection setup management approach for optical wdm networks. IEEE Communications Letters, 2007, 11, 998-1000.	4.1	4
38	Priority-enabled optical shared protection: An online efficiency evaluation study. Computer Communications, 2007, 30, 3690-3697.	5.1	9
39	A hybrid EDF/FIFO queue for efficient real time flow handling. , 2006, , .		0
40	Policy-Based Service Provisioning Architecture for Hybrid Photonic Networks. , 2006, , .		0
41	A novel fault management approach for DWDM optical networks. International Journal of Network Management, 2006, 16, 337-349.	2.2	1
42	OPN09-04: SSTF: A 'Shortest Setup Time First' Optical Connections Setup Management Approach with Quantifiable Success Rate. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	4
43	A Priority-Aware Protection Technique for Quality of Service Enabled WDM Networks. Lecture Notes in Computer Science, 2005, , 419-430.	1.3	1
44	Service level agreement and provisioning in optical networks. , 2004, 42, 36-43.		121
45	Service Level Agreement in Optical Networks. IFIP Advances in Information and Communication Technology, 2003, , 225-237.	0.7	1
46	Policy-based provisioning in hybrid photonic networks. , 0, , .		1
47	Policy-based hybrid hierarchical optical networks. , 0, , .		1
48	A novel protection scheme for quality of service aware WDM networks. , 0, , .		12
49	A novel offline indoor acoustic synchronization protocol: experimental analysis. Annales Des Telecommunications/Annals of Telecommunications, 0, , 1.	2.5	0