

Mehdi Mahdavi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

206
citations

8
h-index

12
g-index

49
ext. papers

260
ext. citations

3
avg, IF

3.64
L-index

#	Paper	IF	Citations
35	Analysis of a New Energy-Based Sensor Selection Method for Cooperative Spectrum Sensing in Cognitive Radio Networks. <i>IEEE Sensors Journal</i> , 2014 , 14, 3021-3032	4	37
34	. <i>IEEE Sensors Journal</i> , 2016 , 16, 1829-1841	4	25
33	A New Relay Policy in RF Energy Harvesting for IoT NetworksA Cooperative Network Approach. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2715-2728	10.7	19
32	Home energy management system based on task classification and the residentB requirements. <i>International Journal of Electrical Power and Energy Systems</i> , 2020 , 118, 105815	5.1	16
31	Discrete-Time Markov Chain Analysis of Energy Efficiency in a CR Network Regarding Primary and Secondary Traffic With Primary User Returns. <i>IEEE Access</i> , 2018 , 6, 22305-22323	3.5	9
30	Analysis of a multi-user cognitive radio network considering primary users return. <i>Computers and Electrical Engineering</i> , 2016 , 53, 73-88	4.3	9
29	Energy Efficiency Optimization of Secondary Network Considering Primary User Return With Alternating-Phase-Type Traffic. <i>IEEE Transactions on Communications</i> , 2017 , 65, 3095-3109	6.9	8
28	Quality of Service Provisioning for Real-Time Traffic in Cognitive Radio Networks. <i>IEEE Communications Letters</i> , 2015 , 19, 467-470	3.8	8
27	Policy for enhancement of traffic in TDMA hybrid switched integrated voice/data cellular mobile communications systems. <i>IEEE Communications Letters</i> , 2001 , 5, 242-244	3.8	7
26	Maximizing Dynamic Access Energy Efficiency in Multiuser CRNs With Primary User Return. <i>IEEE Systems Journal</i> , 2019 , 13, 1702-1713	4.3	7
25	Coexisting with the dynamic PU, the effect of PU-returns on a secondary network. <i>International Journal of Communication Systems</i> , 2017 , 30, e3316	1.7	6
24	Sensing user selection based on energy constraints in cognitive radio networks 2014 ,		5
23	Throughput capacity analysis of large multi-channel, multi-interface random wireless mesh networks. <i>Performance Evaluation</i> , 2013 , 70, 45-76	1.2	5
22	A new low-complexity QoS routing algorithm for MPLS Traffic Engineering 2009 ,		5
21	Performance analysis of cooperative cognitive radio networks with imperfect sensing 2015 ,		4
20	Asymptotic Throughput Capacity Analysis of Multi-Channel, Multi-Interface Wireless Mesh Networks. <i>Wireless Personal Communications</i> , 2013 , 68, 213-245	1.9	4
19	A homogeneous wireless sensor network routing algorithm: An energy aware cluster based approach 2014 ,		4

18	Improving the lifetime of multichannel cognitive radio sensor networks via new spectrum sensing method. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3551	1.9	4
17	Sum-Throughput Maximization of Secondary Users in an In-Band Full-Duplex Cognitive Wireless Powered Communication Network. <i>IEEE Systems Journal</i> , 2020 , 14, 2109-2120	4.3	4
16	. <i>IEEE Transactions on Mobile Computing</i> , 2016 , 15, 1237-1248	4.6	3
15	New Bridgeless PFC converter with reduced components 2011 ,		3
14	Self commutation soft switched bridgeless PFC without any extra switch 2008 ,		2
13	Quality of Service Analysis for the Real-Time Secondary Users in Cognitive Radio Cellular Networks. <i>Wireless Personal Communications</i> , 2017 , 96, 3041-3061	1.9	1
12	A comprehensive sensor selection method based on energy constraints for cooperative spectrum sensing 2016 ,		1
11	A Scheduling Algorithm for Bursty Traffic: Controlling of Service Rate and Burst. <i>Arabian Journal for Science and Engineering</i> , 2014 , 39, 4753-4764		1
10	A Novel Scheduling Algorithm for Low and High Mobility Users in Multi-hop WiMAX Network. <i>Wireless Personal Communications</i> , 2013 , 72, 1203-1228	1.9	1
9	Performance Evaluation of Cognitive Radio VoIP Users in Fading Environment. <i>Wireless Personal Communications</i> , 2017 , 97, 3951-3977	1.9	1
8	Local outlier factor based cooperation spectrum sensing scheme for defending against attacker 2014 ,		1
7	A scheduling algorithm for controlling of service rate and burst 2012 ,		1
6	Performance analysis of integrated voice and multiple classes of data with a finite number of sessions. <i>European Transactions on Telecommunications</i> , 2004 , 15, 101-109		1
5	Mobility and load aware radio resource management in OFDMA femtocell networks. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2017 , 25, 1976-1992	0.9	
4	Multi-Hop WiMAX Networks: A New Opportunistic Algorithm Using AMC and PUSC Mode for Different Mobility Users. <i>Wireless Personal Communications</i> , 2014 , 75, 1547-1571	1.9	
3	Analysis of BSCFQ: A Modified Version of SCFQ to Support Bursty Traffic. <i>Wireless Personal Communications</i> , 2014 , 75, 2449-2466	1.9	
2	An Approach to Scheduling Bursty Traffic. <i>ETRI Journal</i> , 2014 , 36, 69-79	1.4	
1	On the Effect of a Random Access Protocol on the Performance of the Session-Based Data Subsystem in GSM/GPRS. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 1781-1796	6.8	

