Mehdi Mahdavi

List of Publications by Year in Descending Order

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	Home energy management system based on task classification and the residents requirements. *International Journal of Electrical Power and Energy Systems*, **2020**, 118, 105815	5.1	16
34	Sum-Throughput Maximization of Secondary Users in an In-Band Full-Duplex Cognitive Wireless Powered Communication Network. *IEEE Systems Journal*, **2020**, 14, 2109-2120	4.3	4
33	Improving the lifetime of multichannel cognitive radio sensor networks via new spectrum sensing method. *Transactions on Emerging Telecommunications Technologies*, **2019**, 30, e3551	1.9	4
32	Maximizing Dynamic Access Energy Efficiency in Multiuser CRNs With Primary User Return. *IEEE Systems Journal*, **2019**, 13, 1702-1713	4.3	7
31	A New Relay Policy in RF Energy Harvesting for IoT Networks A Cooperative Network Approach. *IEEE Internet of Things Journal*, **2018**, 5, 2715-2728	10.7	19
30	Discrete-Time Markov Chain Analysis of Energy Efficiency in a CR Network Regarding Primary and Secondary Traffic With Primary User Returns. *IEEE Access*, **2018**, 6, 22305-22323	3.5	9
29	Quality of Service Analysis for the Real-Time Secondary Users in Cognitive Radio Cellular Networks. *Wireless Personal Communications*, **2017**, 96, 3041-3061	1.9	1
28	Coexisting with the dynamic PU, the effect of PU-returns on a secondary network. *International Journal of Communication Systems*, **2017**, 30, e3316	1.7	6
27	Energy Efficiency Optimization of Secondary Network Considering Primary User Return With Alternating-Phase-Type Traffic. *IEEE Transactions on Communications*, **2017**, 65, 3095-3109	6.9	8
26	Mobility and load aware radio resource management in OFDMA femtocell networks. *Turkish Journal of Electrical Engineering and Computer Sciences*, **2017**, 25, 1976-1992	0.9	
25	Performance Evaluation of Cognitive Radio VoIP Users in Fading Environment. *Wireless Personal Communications*, **2017**, 97, 3951-3977	1.9	1
24	A comprehensive sensor selection method based on energy constraints for cooperative spectrum sensing **2016**,		1
23	. *IEEE Sensors Journal*, **2016**, 16, 1829-1841	4	25
22	. *IEEE Transactions on Mobile Computing*, **2016**, 15, 1237-1248	4.6	3
21	Analysis of a multi-user cognitive radio network considering primary users return. *Computers and Electrical Engineering*, **2016**, 53, 73-88	4.3	9
20	Quality of Service Provisioning for Real-Time Traffic in Cognitive Radio Networks. *IEEE Communications Letters*, **2015**, 19, 467-470	3.8	8
19	Performance analysis of cooperative cognitive radio networks with imperfect sensing **2015**,		4

#			
18	Multi-Hop WiMAX Networks: A New Opportunistic Algorithm Using AMC and PUSC Mode for Different Mobility Users. *Wireless Personal Communications*, **2014**, 75, 1547-1571	1.9	
17	Analysis of BSCFQ: A Modified Version of SCFQ to Support Bursty Traffic. *Wireless Personal Communications*, **2014**, 75, 2449-2466	1.9	
16	Analysis of a New Energy-Based Sensor Selection Method for Cooperative Spectrum Sensing in Cognitive Radio Networks. *IEEE Sensors Journal*, **2014**, 14, 3021-3032	4	37
15	A Scheduling Algorithm for Bursty Traffic: Controlling of Service Rate and Burst. *Arabian Journal for Science and Engineering*, **2014**, 39, 4753-4764		1
14	An Approach to Scheduling Bursty Traffic. *ETRI Journal*, **2014**, 36, 69-79	1.4	
13	Local outlier factor based cooperation spectrum sensing scheme for defending against attacker **2014**,		1
12	Sensing user selection based on energy constraints in cognitive radio networks **2014**,		5
11	A homogeneous wireless sensor network routing algorithm: An energy aware cluster based approach **2014**,		4
10	A Novel Scheduling Algorithm for Low and High Mobility Users in Multi-hop WiMAX Network. *Wireless Personal Communications*, **2013**, 72, 1203-1228	1.9	1
9	Asymptotic Throughput Capacity Analysis of Multi-Channel, Multi-Interface Wireless Mesh Networks. *Wireless Personal Communications*, **2013**, 68, 213-245	1.9	4
8	Throughput capacity analysis of large multi-channel, multi-interface random wireless mesh networks. *Performance Evaluation*, **2013**, 70, 45-76	1.2	5
7	A scheduling algorithm for controlling of service rate and burst **2012**,		1
6	New Bridgeless PFC converter with reduced components **2011**,		3
5	A new low-complexity QoS routing algorithm for MPLS Traffic Engineering **2009**,		5
4	Self commutation soft switched bridgeless PFC without any extra switch **2008**,		2
3	On the Effect of a Random Access Protocol on the Performance of the Session-Based Data Subsystem in GSM/GPRS. *IEEE Transactions on Vehicular Technology*, **2007**, 56, 1781-1796	6.8	
2	Performance analysis of integrated voice and multiple classes of data with a finite number of sessions. *European Transactions on Telecommunications*, **2004**, 15, 101-109		1
1	Policy for enhancement of traffic in TDMA hybrid switched integrated voice/data cellular mobile communications systems. *IEEE Communications Letters*, **2001**, 5, 242-244	3.8	7