

Mohammed H Nafie

List of Publications by Year in Descending Order

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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.

46
papers

324
citations

9
h-index

16
g-index

71
ext. papers

431
ext. citations

4.7
avg, IF

3.38
L-index

#	Paper	IF	Citations
46	. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 148-161	9.6	3
45	Fundamental Limits of Memory-Latency Tradeoff in Fog Radio Access Networks Under Arbitrary Demands. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 3871-3886	9.6	4
44	Social-Aware Content Delivery in Low Latency D2D Caching Networks 2019 ,		1
43	Cache-Aware Source Coding. <i>IEEE Communications Letters</i> , 2018 , 22, 1144-1147	3.8	
42	SWIPT Using Hybrid ARQ Over Time Varying Channels. <i>IEEE Transactions on Green Communications and Networking</i> , 2018 , 2, 1087-1100	4	3
41	2018 ,		9
40	Content Delivery in Mobility-Aware D2D Caching Networks 2018 ,		6
39	A Converse Bound for Cache-Aided Interference Networks 2018 ,		3
38	Degrees of Freedom for the MIMO Multi-Way Relay Channel With Common and Private Messages. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 1673-1686	9.6	3
37	. <i>IEEE Transactions on Communications</i> , 2017 , 1-1	6.9	2
36	Decentralized coded caching in wireless networks: Trade-off between storage and latency 2017 ,		17
35	Maximum Secondary Stable Throughput of a Cooperative Secondary TransmitterReceiver Pair: Protocol Design and Stability Analysis. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 4937-4951	6.8	
34	RF Energy Harvesting in Wireless Networks with HARQ 2016 ,		3
33	2016 ,		1
32	Proactive Location-Based Scheduling of Delay-Constrained Traffic over Fading Channels 2016 ,		2
31	Using network coding to achieve the capacity of deterministic relay networks with relay messages. <i>Wireless Communications and Mobile Computing</i> , 2016 , 16, 2390-2405	1.9	
30	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 6738-6751	9.6	4

29	Effective area spectral efficiency for wireless communication networks with interference management. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015 , 2015,	3.2	2
28	A pricing-based cooperative spectrum sharing stackelberg game 2014 ,		3
27	Achievable degrees of freedom region of MIMO relay networks using Detour Schemes 2014 ,		7
26	Adaptive Bit Loading and Puncturing Using Long Single Codewords in OFDM Systems. <i>Wireless Personal Communications</i> , 2013 , 71, 1557-1576	1.9	2
25	The deterministic capacity of relay networks with relay private messages 2013 ,		3
24	Cross-Layer Minimum-Delay Scheduling and Maximum-Throughput Resource Allocation for Multiuser Cognitive Networks. <i>IEEE Transactions on Mobile Computing</i> , 2013 , 12, 761-773	4.6	16
23	The deterministic multicast capacity of 4-node relay networks 2013 ,		8
22	Optimized spectrum sensing algorithms for cognitive LTE femtocells. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2012 , 2012,	3.2	10
21	Distributed Spectrum Sensing With Sequential Ordered Transmissions to a Cognitive Fusion Center. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 2524-2538	4.8	30
20	On the diversity gain region of the Z-interference channels 2012 ,		10
19	A new achievable DoF region for the 3-user M \times N symmetric interference channel 2012 ,		1
18	Cooperative sensing with sequential ordered transmissions to secondary fusion center 2011 ,		4
17	Admission and Power Control for Spectrum Sharing Cognitive Radio Networks. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 1945-1955	9.6	37
16	Constrained Interference Alignment and the Spatial Degrees of Freedom of MIMO Cognitive Networks. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 2994-3004	2.8	70
15	Adaptive sensing and transmission durations for cognitive radios 2011 ,		4
14	Proactive resource allocation in cognitive networks 2011 ,		7
13	Joint power allocation and beamforming for multiuser MIMO two-way relay networks 2011 ,		2
12	Achievable degrees of freedom of the K-user interference channel with partial cooperation 2011 ,		1

11	Power Control for Constrained Throughput Maximization in Spectrum Shared Networks 2010,		5
10	Symbol Based Log-MAP in Concatenated LDPC-Convolutional Codes 2010,		1
9	Opportunistic interference alignment for multiuser cognitive radio 2010,		10
8	Throughput maximization over temporally correlated fading channels in cognitive radio networks 2010,		1
7	2009,		1
6	Adaptive Puncturing and Rate Selection in Single-Codeword Turbo-Coded OFDMA 2009,		1
5	Distributed Power and Admission Control for Cognitive Radios in Spectrum Underlay Networks 2009,		1
4	Cross-Layer Adaptive Resource Allocation Algorithm For Wireless Communications Networks 2008,		1
3	Deterministic and iterative solutions to subset selection problems. <i>IEEE Transactions on Signal Processing</i> , 2002 , 50, 1591-1601	4.8	6
2	A flexible receiver for CDMA multiuser communications. <i>IEEE Transactions on Signal Processing</i> , 2002 , 50, 1747-1758	4.8	1
1	Implementation of recovery of speech with missing samples on a DSP chip. <i>Electronics Letters</i> , 1994 , 30, 12-13	1.1	8