Mohammad Javad Omidi

List of Publications by Year
in descending order

43 papers	290 citations	1163117 8 h-index	1058476 14 g-index
43 all docs	43 docs citations	43 times ranked	395 citing authors

#	Article	IF	Citations
1	Optimum Sensor Selection Based on Energy Constraints in Cooperative Spectrum Sensing for Cognitive Radio Sensor Networks. IEEE Sensors Journal, 2016, 16, 1829-1841.	4.7	31
2	Linear Precoding for PAPR Reduction of GFDMA. IEEE Wireless Communications Letters, 2016, 5, 520-523.	5.0	29
3	Distributed Learning for Energy-Efficient Resource Management in Self-Organizing Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9287-9303.	6.3	22
4	Minimizing Base Stationsâ€™ ON/OFF Switchings in Self-Organizing Heterogeneous Networks: A Distributed Satisfactory Framework. IEEE Access, 2017, 5, 26267-26278.	4.2	17
5	Beamforming for Maximal Coverage in mmWave Drones: A Reinforcement Learning Approach. IEEE Communications Letters, 2020, 24, 1033-1037.	4.1	15
6	A Handoff Algorithm Based on Estimated Load for Dense Green 5G Networks. , 2015, , .		12
7	Energy Efficiency Optimization of Secondary Network Considering Primary User Return With Alternating-Phase-Type Traffic. IEEE Transactions on Communications, 2017, 65, 3095-3109.	7.8	11
8	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.	4.2	11
9	Analysis of a multi-user cognitive radio network considering primary users return. Computers and Electrical Engineering, 2016, 53, 73-88.	4.8	10
10	Learning-based joint power and channel assignment for hyper dense 5G networks. , 2016, , .		10
11	Centralized QoS-Aware Resource Allocation for D2D Communications with Multiple D2D Pairs in One Resource Block. , 2018, , .		9
12	PAPR Reduction in MIMO-OFDM Systems: Spatial and Temporal Processing. Wireless Personal Communications, 2014, 79, 1925-1940.	2.7	8
13	Coexisting with the dynamic <scp>PU</scp>, the effect of <scp>PU</scp>â€ returns on a secondary network. International Journal of Communication Systems, 2017, 30, e3316.	2.5	8
14	Maximizing Dynamic Access Energy Efficiency in Multiuser CRNs With Primary User Return. IEEE Systems Journal, 2019, 13, 1702-1713.	4.6	8
15	Distributed pricingâ€ based resource allocation for dense deviceâ€ toâ€ device communications in beyond 5G networks. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4250.	3.9	7
16	A Handoff Algorithm Based on Estimated Load for Dense Green 5G Networks. , 2014, , .		6
17	PAPR Reduction in OFDM Systems: Polynomial-Based Compressing and Iterative Expanding. Wireless Personal Communications, 2014, 75, 103-118.	2.7	6
18	A distributed learningâ€“based user association for heterogeneous networks. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3192.	3.9	6

#	Article	IF	Citations
19	Low-Complexity Resource Allocation for Dense Cellular Vehicle-to-Everything (C-V2X) Communications. IEEE Open Journal of the Communications Society, 2021, 2, 2695-2713.	6.9	6
20	Improving instantaneous capacity and outage probability in DF-relaying. , 2013, , .		5
21	Efficient Transmit Covariance Design in MIMO Interference Channel. IEEE Transactions on Vehicular Technology, 2018, 67, 5793-5805.	6.3	5
22	Time-Domain Block and Per-Tone Equalization for MIMOâ€"OFDM in Shallow Underwater Acoustic Communication. Wireless Personal Communications, 2013, 71, 1193-1215.	2.7	4
23	Joint Compensation of Transmitter and Receiver IQ Imbalance for MIMO-OFDM Over Doubly Selective Channels. Wireless Personal Communications, 2013, 70, 537-559.	2.7	4
24	Sensitivity Analysis of OFDMA and SC-FDMA Uplink Systems to Carrier Frequency Offset. Wireless Personal Communications, 2015, 80, 1381-1404.	2.7	4
25	Energy Efficient Transceiver Design in MIMO Interference Channels: The Selfish, Unselfish, Worst-Case, and Robust Methods. IEEE Transactions on Communications, 2019, 67, 5377-5389.	7.8	4
26	Improving the lifetime of multichannel cognitive radio sensor networks via new spectrum sensing method. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3551.	3.9	4
27	Energy Efficient Precoder in Multi-User MIMO Systems With Imperfect Channel State Information. IEEE Wireless Communications Letters, 2019, 8, 669-672.	5.0	4
28	Frequency-domain equalization for MIMO-OFDM over doubly selective channels. , 2010, , .		3
29	Distributed ON/OFF switching and dynamic channel allocation: Decreasing complexity and improving energy efficiency. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3222.	3.9	3
30	A Distributed Satisfactory Sleep Mode Scheme for Self-Organizing Heterogeneous Networks. , 2018, , .		3
31	Distributed Load Balancing User Association and Self-Organizing Resource Allocation in HetNets. , 2016, , .		2
32	Energy efficiency optimization of one-way and two-way DF relaying considering circuit power. Wireless Networks, 2016, 22, 367-381.	3.0	2
33	Energyâ€efficient resource allocation for amplifyâ€andâ€forward relaying in OFDM systems. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2862.	3.9	2
34	Optimal power allocation for relayâ€based cooperative communication systems with energy harvesting. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3144.	3.9	2
35	Satisfaction Based Channel Allocation Scheme for Self-Organization in Heterogeneous Networks. , 2018, , .		2
36	A novel energy efficient sensor selection algorithm for a multi-channel cognitive radio network. , 2015, , .		1

#	Article	IF	Citations
37	Superposition network coded cooperation for wireless networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 874-890.	3.9	1
38	A comprehensive sensor selection method based on energy constraints for cooperative spectrum sensing. , 2016, , .		1
39	A novel low complexity energyâ€efficient resource allocation for OFDM systems. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2932.	3.9	1
40	Sparsity Enhancement for Sparse Channel Estimation Using Non-orthogonal Basis. Wireless Personal Communications, 2017, 95, 1759-1779.	2.7	1
41	A low-complexity CFO compensation technique for interleaved OFDMA system uplink. , 2012, , .		0
42	Comparison of nonquiet spectrum sensing in filter bank multicarrier and OFDM based cognitive radio systems. , 2013, , .		0
43	Handover Management Based on RSSI, Load and Velocity in Dense Green Heterogeneous Networks. , 2019, , .		0