

Hanan Al-Tous

List of Publications by Year in descending order

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41
papers

208
citations

1163117

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docs citations

41
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Power Management in Energy-Harvesting NOMA-Enabled WSNs. IEEE Internet of Things Journal, 2022, 9, 4907-4916.	8.7	1
2	Cellular Traffic Offloading with Optimized Compound Single-point Unicast and Cache-based Multipoint Multicast. , 2022, , .		3
3	Reinforcement Learning Framework for Delay Sensitive Energy Harvesting Wireless Sensor Networks. IEEE Sensors Journal, 2021, 21, 7103-7113.	4.7	9
4	Adaptive Sector Splitting based on Channel Charting in Massive MIMO Cellular Systems. , 2021, , .		3
5	Joint Cache Placement and Delivery Design using Reinforcement Learning for Cellular Networks. , 2021, , .		3
6	Location-Free Beam Prediction in mmWave Systems. , 2021, , .		2
7	Channel Charting Based Beam SNR Prediction. , 2021, , .		9
8	Best Beam Prediction in Non-Standalone mm Wave Systems. , 2021, , .		4
9	Differential Game for Resource Allocation in Energy Harvesting Wireless Sensor Networks. IEEE Transactions on Green Communications and Networking, 2020, 4, 1165-1173.	5.5	9
10	Coordinated Uplink Precoding for Spatially Consistent mmWave Channel Covariance Measurements. , 2020, , .		0
11	Multipoint channel charting-based radio resource management for V2V communications. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	6
12	Cellular Network Caching Based on Multipoint Multicast Transmissions. , 2020, , .		4
13	SNR Prediction in Cellular Systems based on Channel Charting. , 2020, , .		10
14	An Out-of-Sample Extension for Wireless Multipoint Channel Charting. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 208-217.	0.3	6
15	Distributed Reinforcement Learning Algorithm for Energy Harvesting Sensor Networks. , 2019, , .		7
16	Differential Game for Resource Allocation in Energy Harvesting Sensor Networks. , 2018, , .		1
17	MPC for Online Power Control in Energy Harvesting Sensor Networks. , 2018, , .		1
18	ADMM for joint data and off-grid NBI recovery in OFDM systems. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	CS-PSO Algorithm for Off-Grid Narrow-Band Interference Mitigation in OFDM Systems. , 2017, , .		0
20	Narrow-Band Interference Mitigation Using Compressive Sensing for AF-OFDM Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 6146-6159.	6.3	11
21	Compressive sensing with weighted coefficient approach for indoor source localization. , 2017, , .		2
22	A low complexity algorithm for mode-selection of OFDM relaying systems. , 2017, , .		0
23	Resource Allocation for AF-OFDMA System Using Combinatorial Auction. Journal of Communications, 2017, , 596-603.	1.6	1
24	Mitigation of narrow-band interference in two-way AF-OFDM relaying systems using compressive sensing. , 2016, , .		4
25	Narrow-band interference mitigation using compressive sensing in AF-OFDM systems. , 2016, , .		2
26	Joint data recovery and NBI mitigation in OFDM systems using CS framework. , 2016, , .		1
27	Atomic-norm for joint data recovery and narrow-band interference mitigation in OFDM systems. , 2016, , .		6
28	Resource Allocation for Multiple-Sources Single-Relay Cooperative Communication OFDMA Systems. IEEE Transactions on Mobile Computing, 2016, 15, 964-981.	5.8	16
29	Resource allocation for two-sources single-relay AF-OFDMA systems. , 2015, , .		0
30	Resource Allocation for Multiuser Improved AF Cooperative Communication Scheme. IEEE Transactions on Wireless Communications, 2015, 14, 3655-3672.	9.2	24
31	Resource Allocation for Multiple-User AF-OFDMA Systems Using the Auction Framework. IEEE Transactions on Wireless Communications, 2015, 14, 2377-2393.	9.2	11
32	A Low Complexity Algorithm for Selective AF-OFDM System. , 2014, , .		3
33	Resource Allocation for Two-Users DF-OFDMA Systems. , 2014, , .		0
34	Auction framework for resource allocation in AF-OFDMA systems. , 2014, , .		0
35	One-shot auction for resource allocation in AF-OFDMA systems. , 2014, , .		0
36	Distributed resource allocation for multi-user multi-relay AF cooperative communication. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
37	Joint Power and Bandwidth Allocation for Amplify-and-Forward Cooperative Communications Using Stackelberg Game. IEEE Transactions on Vehicular Technology, 2013, 62, 1678-1691.	6.3	25
38	Resource allocation for AF cooperative communications using Stackelberg game. , 2012, , .		3
39	Joint power and bandwidth allocation for multiuser amplify and forward cooperative communications using particle swarm optimization. , 2012, , .		2
40	Performance analysis of relay selection in cooperative networks over Rayleigh flat fading channels. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	3
41	Design of Linear Phased Array for Interference Suppression Using Array Polynomial Method and Particle Swarm Optimization. Wireless Personal Communications, 2012, 63, 501-513.	2.7	13