

S Mohammad Razavizadeh

List of Publications by Year in descending order

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64
papers

675
citations

759233

12
h-index

610901

24
g-index

64
all docs

64
docs citations

64
times ranked

716
citing authors

#	ARTICLE	IF	CITATIONS
1	User Clustering and Resource Allocation in Hybrid NOMA-OMA Systems Under Nakagami- m Fading. IEEE Access, 2022, 10, 38709-38728.	4.2	5
2	Outage Balancing in Downlink NOMA Over Nakagami- m Fading Channels. IEEE Access, 2021, 9, 102886-102898.	4.2	1
3	Attacking Massive MIMO Cognitive Radio Networks by Optimized Jamming. IEEE Open Journal of the Communications Society, 2021, 2, 2219-2231.	6.9	6
4	Spectral Efficiency of Dense Multicell Massive MIMO Networks in Spatially Correlated Channels. IEEE Transactions on Vehicular Technology, 2021, 70, 1307-1316.	6.3	4
5	Direction-based jamming detection and suppression in mmWave massive MIMO networks. IET Communications, 2021, 15, 1780-1790.	2.2	4
6	Vertical Beamforming in Intelligent Reflecting Surface-Aided Cognitive Radio Networks. IEEE Wireless Communications Letters, 2021, 10, 1919-1923.	5.0	13
7	Coordinated versus uncoordinated channel tracking for high-rate internet of things in multiuser massive MIMO: Algorithms and performance. Signal Processing, 2021, 186, 108132.	3.7	7
8	Secrecy rate maximization in multi-IRS mmWave networks. Physical Communication, 2021, 48, 101436.	2.1	6
9	Deep Reinforcement Learning Based Adaptive Modulation With Outdated CSI. IEEE Communications Letters, 2021, 25, 3291-3295.	4.1	15
10	Jamming Suppression in Massive MIMO Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 182-186.	3.0	34
11	Secure Simultaneous Information and Power Transfer for Downlink Multi-User Massive MIMO. IEEE Access, 2020, 8, 150514-150526.	4.2	6
12	A Comparison of TDD and FDD Massive MIMO Systems Against Smart Jamming. IEEE Access, 2020, 8, 72068-72077.	4.2	14
13	Jamming-Robust Uplink Transmission for Spatially Correlated Massive MIMO Systems. IEEE Transactions on Communications, 2020, 68, 3495-3504.	7.8	17
14	Energy efficiency maximization in FDD massive MIMO systems with channel aging. Wireless Networks, 2020, 26, 4031-4044.	3.0	2
15	Uncoordinated Channel Tracking for High-Rate Internet of Things in Multiuser Massive MIMO. , 2020, , .		2
16	Power Allocation for Downlink Training in Cell-Free Massive MIMO Networks. , 2020, , .		5
17	Energy efficiency maximization in mmWave wireless networks with 3D beamforming. Journal of Communications and Networks, 2019, 21, 125-135.	2.6	16
18	Effect of Users Height Distribution on the Coverage of mmWave Cellular Networks With 3D Beamforming. IEEE Access, 2019, 7, 68091-68105.	4.2	10

#	ARTICLE	IF	CITATIONS
19	Jamming Detection in Massive MIMO Systems. IEEE Wireless Communications Letters, 2018, 7, 242-245.	5.0	36
20	Jamming-Resistant Receivers for the Massive MIMO Uplink. IEEE Transactions on Information Forensics and Security, 2018, 13, 210-223.	6.9	76
21	Security Vulnerability of FDD Massive MIMO Systems in Downlink Training Phase. , 2018, , .		1
22	Phase Jamming Attack: A Practical Attack on Physical layer-Based Key Derivation. , 2018, , .		5
23	QoE-Aware Beamforming Design for Massive MIMO Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 8315-8323.	6.3	16
24	Joint tilt angle adaptation and beamforming in multicell multiuser cellular networks. Computers and Electrical Engineering, 2017, 61, 195-207.	4.8	13
25	Resource allocation and relay selection in full-duplex cooperative orthogonal frequency division multiple access networks. Computers and Electrical Engineering, 2017, 61, 223-234.	4.8	1
26	Modeling and analysis of traffic-aware spectrum handover schemes in cognitive HetNets. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3199.	3.9	10
27	Analysis and performance evaluation of an efficient handover algorithm for cognitive <scp>HetNets</scp>. International Journal of Communication Systems, 2017, 30, e3315.	2.5	5
28	Energy Efficient Precoding Design for SWIPT in MIMO Two-Way Relay Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 7888-7896.	6.3	49
29	Adaptive pilot decontamination in multi-cell massive MIMO networks. Telecommunication Systems, 2017, 66, 515-522.	2.5	5
30	Enhancement of Physical Layer Security Using Destination Artificial Noise Based on Outage Probability. Wireless Personal Communications, 2017, 95, 1553-1565.	2.7	6
31	Impact of user height on the coverage of 3D beamforming-enabled massive MIMO systems. , 2017, , .		8
32	On the uplink spectral efficiency of full-duplex cooperative OFDMA systems. , 2016, , .		1
33	A spectrum handover mechanism for secondary users in cognitive femtocell HetNets. , 2016, , .		4
34	Subverting Massive MIMO by Smart Jamming. IEEE Wireless Communications Letters, 2016, 5, 20-23.	5.0	38
35	Energy efficiency and sum-rate maximization in MIMO two-way relay networks. , 2015, , .		2
36	A novel handover decision-making algorithm for HetNets. , 2015, , .		10

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37	An antenna selection method for two-way relay networks. , 2014, , .		0
38	Robust filter and forward relay beamforming with spherical channel state information uncertainties. , 2014, , .		9
39	Distributed Space-Time Coding for Two-Way Relay Networks. , 2014, , .		2
40	Three-Dimensional Beamforming: A new enabling technology for 5G wireless networks. IEEE Signal Processing Magazine, 2014, 31, 94-101.	5.6	126
41	Robust beamforming and power allocation in cognitive radio relay networks with imperfect channel state information. IET Communications, 2014, 8, 1560-1569.	2.2	9
42	Ergodic Sum Rate Maximization for Underlay Spectrum Sharing with Heterogeneous Traffic. Wireless Personal Communications, 2013, 71, 589-610.	2.7	6
43	Dynamic Fractional Frequency Reuse (DFFR) with AMC and Random Access in WiMAX System. Wireless Personal Communications, 2013, 68, 1871-1881.	2.7	4
44	Power and Time Slot Allocation in Cognitive Relay Networks Using Particle Swarm Optimization. Scientific World Journal, The, 2013, 2013, 1-9.	2.1	4
45	Power Optimization of Tilted Tomlinson-Harashima Precoder in MIMO Channels with Imperfect Channel State Information. Journal of Optimization, 2013, 2013, 1-6.	6.0	0
46	Transmit power reduction in MIMO-THP using tilted constellation. , 2012, , .		1
47	Cooperative filter-and-forward beamforming in cognitive radio relay networks. , 2012, , .		6
48	Bio-inspired distributed beamforming for cognitive radio networks in non-stationary environment. IEICE Electronics Express, 2011, 8, 332-339.	0.8	4
49	Minimum power transmission design for cognitive radio networks in non-stationary environment. IEICE Electronics Express, 2011, 8, 136-142.	0.8	4
50	Joint beamforming and power control in MIMO cognitive radio networks. IEICE Electronics Express, 2010, 7, 203-208.	0.8	7
51	Cognitive beamforming using genetic algorithm. , 2010, , .		2
52	Comparison of radiometry and modified periodogram spectrum detection in wireless radio networks. , 2010, , .		0
53	A precoding technique for joint relaying and broadcasting in cognitive radio networks. , 2009, , .		2
54	On multi-user detection in CDMA based cooperative networks. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
55	Minimum SINR maximization in the downlink of cognitive radio networks. , 2009, , .		0
56	Limiting harmful interference to the primary users through joint power allocation and beamforming in the uplink of cognitive radio networks. , 2009, , .		5
57	Cooperative beamforming in Cognitive Radio networks. , 2009, , .		10
58	A Simple MAC Protocol for Cognitive Wireless Networks. IEICE Transactions on Communications, 2009, E92-B, 3693-3700.	0.7	6
59	Space-Time Precoding for Downlink Transmission in Multiple Antenna CDMA Systems. IEEE Transactions on Vehicular Technology, 2007, 56, 2590-2602.	6.3	2
60	Group Transmission in Downlink of Overloaded CDMA Systems. , 2006, , .		1
61	Joint Transmit Precoding in Downlink of MISO MC-CDMA Systems. , 2006, , .		0
62	Comparison of Several Multiple Antenna Multiuser Detectors in Wireless CDMA Systems. , 2003, , .		2
63	A new faster sphere decoder for MIMO systems. , 0, , .		7
64	On space-time block coding in downlink of multiuser CDMA systems. , 0, , .		2