

Shouyi Yang

List of Publications by Year in descending order

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54
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Efficient Power Allocation in Millimeter Wave Massive MIMO With Non-Orthogonal Multiple Access. IEEE Wireless Communications Letters, 2017, 6, 782-785.	5.0	130
2	Infinity Shell Shaped MIMO Antenna Array for mm-Wave 5G Applications. Electronics (Switzerland), 2021, 10, 165.	3.1	66
3	Small Cell Cluster-Based Resource Allocation for Wireless Backhaul in Two-Tier Heterogeneous Networks With Massive MIMO. IEEE Transactions on Vehicular Technology, 2018, 67, 509-523.	6.3	45
4	Green Communication for NOMA-Based CRAN. IEEE Internet of Things Journal, 2019, 6, 666-678.	8.7	41
5	Energy-Efficient Resource Allocation for mmWave Massive MIMO HetNets With Wireless Backhaul. IEEE Access, 2018, 6, 2457-2471.	4.2	38
6	Donut-Shaped mmWave Printed Antenna Array for 5G Technology. Electronics (Switzerland), 2021, 10, 1415.	3.1	27
7	Hybrid Precoding Design for Wideband THz Massive MIMO-OFDM Systems With Beam Squint. IEEE Systems Journal, 2021, 15, 3925-3928.	4.6	23
8	A Novel Hook-Shaped Antenna Operating at 28 GHz for Future 5G mmwave Applications. Electronics (Switzerland), 2021, 10, 673.	3.1	23
9	Enhancing Security of Primary User in Underlay Cognitive Radio Networks With Secondary User Selection. IEEE Access, 2018, 6, 32624-32636.	4.2	21
10	Q-Learning-Based Task Offloading and Resources Optimization for a Collaborative Computing System. IEEE Access, 2020, 8, 149011-149024.	4.2	20
11	Beamforming Design in SWIPT-Based Joint Multicast-Unicast mmWave Massive MIMO With Lens-Antenna Array. IEEE Wireless Communications Letters, 2019, 8, 1124-1128.	5.0	18
12	Codebook-Based Max-Min Energy-Efficient Resource Allocation for Uplink mmWave MIMO-NOMA Systems. IEEE Transactions on Communications, 2019, 67, 8303-8314.	7.8	15
13	Resource Allocation for OFDM Cognitive Radio With Enhanced Primary Transmission Protection. IEEE Communications Letters, 2014, 18, 2027-2030.	4.1	13
14	Resource Allocation in Multi-User Cognitive Radio Network With Stackelberg Game. IEEE Access, 2020, 8, 58260-58270.	4.2	13
15	Joint Offloading and Resource Allocation for Multi-User Multi-Edge Collaborative Computing System. IEEE Transactions on Vehicular Technology, 2022, 71, 3383-3388.	6.3	11
16	Cooperative scheduling of multi-core and cloud resources: multi-thread-based MCC offloading strategy. IET Communications, 2019, 13, 2146-2154.	2.2	10
17	Multi-tier MEC offloading strategy based on dynamic channel characteristics. IET Communications, 2020, 14, 4029-4037.	2.2	8
18	Joint Beamforming and Power Splitting Design for C-RAN With Multicast Fronthaul. IEEE Wireless Communications Letters, 2020, 9, 571-575.	5.0	6

#	ARTICLE	IF	CITATIONS
19	A Compressive Sensing Based Multi-user Detection Algorithm for SIMa-NOMA Systems. , 2018, , .		5
20	2D-FRFT Based Rotation Invariant Digital Image Watermarking. , 2012, , .		4
21	Sensing-Throughput Tradeoff in Cognitive Radio Network Based on High Activity of Primary User. , 2017, , .		4
22	Secure Outage Probability Analysis of Relay Networks Based on Cooperative Jamming. , 2018, , .		4
23	Coordinated Hybrid Precoding Design in Millimeter Wave Fog-RAN. IEEE Systems Journal, 2020, 14, 673-676.	4.6	4
24	Reputation-Based Truth Discovery With Long-Term Quality of Source in Internet of Things. IEEE Internet of Things Journal, 2022, 9, 5410-5421.	8.7	4
25	Smart Grid Enabled Computation Offloading and Resource Allocation for SWIPT-Based MEC System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3610-3614.	3.0	4
26	Modeling radio resource management in cognitive radio system based on OFDMA using colored Petri Net. Journal of Electronics, 2010, 27, 671-676.	0.2	3
27	Sparse Channel Estimation for MIMO-OFDM Two-Way Relay Network with Compressed Sensing. International Journal of Antennas and Propagation, 2013, 2013, 1-6.	1.2	3
28	Multi-channel power allocation based on market competitive equilibrium in cognitive radio networks. Science China Information Sciences, 2014, 57, 1-12.	4.3	3
29	Markov decision process-based computation offloading algorithm and resource allocation in time constraint for mobile cloud computing. IET Communications, 2020, 14, 2068-2078.	2.2	3
30	Multithread Optimal Offloading Strategy Based on Cloud and Edge Collaboration. , 2020, , .		3
31	Cooperative scheduling of multi-core and cloud resources: fine-grained offloading strategy for multithreaded applications. IET Communications, 2020, 14, 1632-1641.	2.2	3
32	Modeling multi-traffic admission control in OFDMA system using Colored Petri Net. Journal of Electronics, 2012, 29, 509-514.	0.2	2
33	Game theory-based energy efficiency optimization in multi-user cognitive MIMO interference channel. , 2016, , .		2
34	Resource Optimization for the Multi-user MIMO Systems Assisted Edge Cloud Computing. , 2021, , .		2
35	A Trust-aware Fog Offloading Game with Long-term Trustworthiness of Users. , 2021, , .		2
36	Modeling Admission Control in OFDMA System Using Petri Nets. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
37	Adaptive spectrum access strategies in the context of spectrum fragmentation in cognitive radio networks. <i>Concurrency Computation Practice and Experience</i> , 2013, 25, 1101-1112.	2.2	1
38	Relay Selection and Subcarrier-Pair Based Energy-Efficient Resource Allocation for Multirelay Cooperative OFDMA Networks. <i>International Journal of Antennas and Propagation</i> , 2014, 2014, 1-13.	1.2	1
39	Optimal Resource Allocation for CR Networks with Multi-Group Multicast Based on Inter-Group and Inner-Group Cooperation Transmission. , 2015, , .		1
40	Game Theory-Based Energy Efficiency Optimization for Multi-User Cognitive Radio over MIMO Interference Channels. , 2016, , .		1
41	Optimal Power Allocation for Cognitive Radios with Multiple Status Changes in Primary User Traffic. , 2017, , .		1
42	Trust-aware truth discovery with Long-term Vehicle Reputation for Internet of Vehicles Crowdsensing. , 2021, , .		1
43	Weighted Sum of Energy Efficiency Beamforming Strategy for MIMO Cognitive Radio Network. , 2020, , .		1
44	Physical Layer Secrecy by Power Splitting and Jamming in Cooperative Multiple Relay Based on Energy Harvesting in Full-Duplex Network. <i>Electronics (Switzerland)</i> , 2022, 11, 40.	3.1	1
45	Optimal power allocation in OFDM-based cognitive radio systems. , 2011, , .		0
46	The Interference Constrained Pilot Design for NC-OFDM Systems in Cognitive Radios. , 2012, , .		0
47	Compressed channel estimation for MIMO amplify-and-forward relay networks. , 2013, , .		0
48	Modeling spectrum access strategies in cognitive radio networks using Colored Petri Nets. , 2014, , .		0
49	Market competition-based joint resource allocation in primary and cognitive radio networks. , 2015, , .		0
50	Secure communications in fixed gain untrusted relay networks. , 2017, , .		0
51	A Reduced Overhead Low Complexity Sum Rate Optimization Algorithm for Massive MIMO System. , 2018, , .		0
52	MD5-drGP for RSS Map Applied to Indoor Positioning. , 2019, , .		0
53	Secrecy Performance by Power Splitting in Cooperative Dual-Hop Relay Wireless Energy Harvesting. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-7.	1.2	0
54	The Network Selection Strategy for Connected Vehicles Based on Mobile Edge Computing. , 2022, , .		0