Shuaishuai Guo

List of Publications by Year
in descending order

45 papers	675 citations	623734 14 h-index	580821 25 g-index
45 all docs	45 docs citations	45 times ranked	640 citing authors

#	Article	IF	Citations
1	Joint Reflecting and Precoding Designs for SER Minimization in Reconfigurable Intelligent Surfaces Assisted MIMO Systems. IEEE Transactions on Wireless Communications, 2020, 19, 5561-5574.	9.2	113
2	Reflecting Modulation. IEEE Journal on Selected Areas in Communications, 2020, 38, 2548-2561.	14.0	79
3	Optical camera communications: Survey, use cases, challenges, and future trends. Physical Communication, 2019, 37, 100900.	2.1	66
4	Spatial Modulation via 3-D Mapping. IEEE Communications Letters, 2016, 20, 1096-1099.	4.1	37
5	Joint Beamforming and Reflecting Design in Reconfigurable Intelligent Surface-Aided Multi-User Communication Systems. IEEE Transactions on Wireless Communications, 2021, 20, 3269-3283.	9.2	35
6	Deployment and Association of Multiple UAVs in UAV-Assisted Cellular Networks With the Knowledge of Statistical User Position. IEEE Transactions on Wireless Communications, 2022, 21, 6553-6567.	9.2	33
7	Signal Shaping for Generalized Spatial Modulation and Generalized Quadrature Spatial Modulation. IEEE Transactions on Wireless Communications, 2019, 18, 4047-4059.	9.2	32
8	Generalized 3-D Constellation Design for Spatial Modulation. IEEE Transactions on Communications, 2017, , 1-1.	7.8	25
9	Generalized Beamspace Modulation Using Multiplexing: A Breakthrough in mmWave MIMO. IEEE Journal on Selected Areas in Communications, 2019, 37, 2014-2028.	14.0	25
10	Time-Wise Attention Aided Convolutional Neural Network for Data-Driven Cellular Traffic Prediction. IEEE Wireless Communications Letters, 2021, 10, 1747-1751.	5.0	23
11	Resource Modeling and Scheduling for Mobile Edge Computing: A Service Provider's Perspective. IEEE Access, 2018, 6, 35611-35623.	4.2	21
12	Link-Adaptive Mapper Designs for Space-Shift-Keying-Modulated MIMO Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 8087-8100.	6.3	20
13	Adaptive Mapper Design for Spatial Modulation with Lightweight Feedback Overhead. IEEE Transactions on Vehicular Technology, 2017, 66, 8940-8950.	6.3	19
14	Differential Reflecting Modulation for Reconfigurable Intelligent Surface-Based Communications. IEEE Communications Letters, 2021, 25, 907-910.	4.1	15
15	On the mutual information and constellation design criterion of spatial modulation MIMO systems. , 2014, , .		14
16	3D UAV Deployment in Multi-UAV Networks With Statistical User Position Information. IEEE Communications Letters, 2022, 26, 1363-1367.	4.1	11
17	Joint pilot assignment and pilot contamination precoding design for massive MIMO systems. , 2017, , .		9
18	Queueing Network Model and Average Delay Analysis for Mobile Edge Computing. , 2018, , .		9

#	Article	IF	Citations
19	Ordered Sequence Detection and Barrier Signal Design for Digital Pulse Interval Modulation in Optical Wireless Communications. IEEE Transactions on Communications, 2019, 67, 2880-2892.	7.8	9
20	Improved Compressed Sensing-Based Joint User and Symbol Detection for Media-Based Modulation-Enabled Massive Machine- Type Communications. IEEE Access, 2020, 8, 70058-70070.	4.2	8
21	On the Capacity of Reconfigurable Intelligent Surface Assisted MIMO Symbiotic Communications. IEEE Transactions on Wireless Communications, 2022, 21, 1943-1959.	9.2	8
22	Novel APM constellation design for spatial modulation systems. , 2015, , .		7
23	Asymptotic Capacity for MIMO Communications With Insufficient Radio Frequency Chains. IEEE Transactions on Communications, 2020, 68, 4190-4201.	7.8	7
24	Cooperative Beamforming Design for Multiple RIS-Assisted Communication Systems. IEEE Transactions on Wireless Communications, 2022, 21, 10949-10963.	9.2	7
25	Spatial Modulated Simultaneous Wireless Information and Power Transfer. , 2016, , .		6
26	Profit Maximization Task Offloading Mechanism with D2D Collaboration in MEC Networks. , 2019, , .		6
27	Signal Shaping for Non-Uniform Beamspace Modulated mmWave Hybrid MIMO Communications. IEEE Transactions on Wireless Communications, 2020, 19, 6660-6674.	9.2	6
28	Enhanced Huffman Coded OFDM With Index Modulation. IEEE Transactions on Wireless Communications, 2020, 19, 2489-2503.	9.2	5
29	Communication-, Computation-, and Control-Enabled UAV Mobile Communication Networks. IEEE Internet of Things Journal, 2022, 9, 20393-20407.	8.7	5
30	Efficient and fair pilot allocation for multi-cell massive MIMO systems. , 2017, , .		2
31	Ordered Sequence Detection and Robust Design for Pulse Interval Modulation. , 2018, , .		2
32	Polar Coordinate Based Modulation: Concept, Performance Analysis and System Design. , 2018, , .		2
33	Adaptive Power Allocation for Distortion Minimization in Generalized Polar Optical Wireless Communications. IEEE Transactions on Communications, 2019, 67, 8545-8556.	7.8	2
34	Information-Theoretic Analysis of OFDM With Subcarrier Number Modulation. IEEE Transactions on Information Theory, 2021, 67, 7338-7354.	2.4	2
35	Low-complexity energy-efficient mode selection and resource management for D2D communications. , 2017, , .		1
36	Spatial Modulation Scheme With Two Activated Transmit Antennas. , 2018, , .		1

#	Article	IF	Citations
37	Supervised Learning-Based Semi-Blind Detection for Generalized Space Shift Keying MIMO Systems. , 2019, , .		1
38	Adaptive Task Offloading in Vehicular Edge Computing Networks Based on Deep Reinforcement Learning. , 2021, , .		1
39	Deep Reinforcement Learning-Based Power Allocation for Ultra Reliable Low Latency Communications in Vehicular Networks. , 2021, , .		1
40	A novel interference alignment scheme for two-cell MIMO downlink channels. , 2014, , .		0
41	QoE-driven centralized scheduling for HTTP adaptive video streaming transmission over wireless networks. , 2017, , .		0
42	A Differential QAM Scheme for Uplink Massive MIMO Systems. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 556-567.	0.3	0
43	Low Complexity 3-D Constellation Design for MRC-Based Spatial Modulation. , 2018, , .		0
44	Generalized Beamspace Modulation using Multiplexing for mmWave MIMO. , 2019, , .		0
45	A Differential Modulation Scheme for Metasurface-Based Terahertz Communications. Frontiers in Communications and Networks, 2021, 2, .	3.0	0