Shuguang Cui

List of Publications by Year
in descending order

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246	15,541	41344	49	19190	118
papers	citations		h-index		g-index

248	248	248	8412
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Energy-Efficiency of MIMO and Cooperative MIMO Techniques in Sensor Networks. IEEE Journal on Selected Areas in Communications, 2004, 22, 1089-1098.	14.0	1,387
2	Energy-constrained modulation optimization. IEEE Transactions on Wireless Communications, 2005, 4, 2349-2360.	9.2	1,204
3	Optimal Linear Cooperation for Spectrum Sensing in Cognitive Radio Networks. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 28-40.	10.8	873
4	Joint Offloading and Computing Optimization in Wireless Powered Mobile-Edge Computing Systems. IEEE Transactions on Wireless Communications, 2018, 17, 1784-1797.	9.2	715
5	A Joint Learning and Communications Framework for Federated Learning Over Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 269-283.	9.2	663
6	Optimal Multiband Joint Detection for Spectrum Sensing in Cognitive Radio Networks. IEEE Transactions on Signal Processing, 2009, 57, 1128-1140.	5.3	616
7	Optimal beamforming for two-way multi-antenna relay channel with analogue network coding. IEEE Journal on Selected Areas in Communications, 2009, 27, 699-712.	14.0	559
8	Channel Estimation for Intelligent Reflecting Surface Assisted Multiuser Communications: Framework, Algorithms, and Analysis. IEEE Transactions on Wireless Communications, 2020, 19, 6607-6620.	9.2	462
9	Energy-Efficient Cooperative Communication Based on Power Control and Selective Single-Relay in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2008, 7, 3066-3078.	9.2	316
10	Throughput Maximization for the Gaussian Relay Channel with Energy Harvesting Constraints. IEEE Journal on Selected Areas in Communications, 2013, 31, 1469-1479.	14.0	316
11	Power scheduling of universal decentralized estimation in sensor networks. IEEE Transactions on Signal Processing, 2006, 54, 413-422.	5.3	315
12	Collaborative wideband sensing for cognitive radios. IEEE Signal Processing Magazine, 2008, 25, 60-73.	5.6	299
13	Dynamic Resource Allocation in Cognitive Radio Networks. IEEE Signal Processing Magazine, 2010, 27, 102-114.	5.6	281
14	Cooperative Interference Management With MISO Beamforming. IEEE Transactions on Signal Processing, 2010, 58, 5450-5458.	5.3	271
15	Price-Based Spectrum Management in Cognitive Radio Networks. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 74-87.	10.8	266
16	Estimation Diversity and Energy Efficiency in Distributed Sensing. IEEE Transactions on Signal Processing, 2007, 55, 4683-4695.	5.3	261
17	Cross-Layer Design for Lifetime Maximization in Interference-Limited Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2006, 5, 3142-3152.	9.2	242
18	Linear Coherent Decentralized Estimation. IEEE Transactions on Signal Processing, 2008, 56, 757-770.	5.3	223

#	Article	IF	Citations
19	Joint Computation and Communication Cooperation for Energy-Efficient Mobile Edge Computing. IEEE Internet of Things Journal, 2019, 6, 4188-4200.	8.7	222
20	Energy-Efficient Cooperative Communication in a Clustered Wireless Sensor Network. IEEE Transactions on Vehicular Technology, 2008, 57, 3618-3628.	6.3	217
21	On Ergodic Sum Capacity of Fading Cognitive Multiple-Access and Broadcast Channels. IEEE Transactions on Information Theory, 2009, 55, 5161-5178.	2.4	197
22	Coordinated Data-Injection Attack and Detection in the Smart Grid: A Detailed Look at Enriching Detection Solutions. IEEE Signal Processing Magazine, 2012, 29, 106-115.	5.6	187
23	Convergence Time Optimization for Federated Learning Over Wireless Networks. IEEE Transactions on Wireless Communications, 2021, 20, 2457-2471.	9.2	163
24	Wireless Traffic Prediction With Scalable Gaussian Process: Framework, Algorithms, and Verification. IEEE Journal on Selected Areas in Communications, 2019, 37, 1291-1306.	14.0	142
25	Optimal Energy Allocation and Task Offloading Policy for Wireless Powered Mobile Edge Computing Systems. IEEE Transactions on Wireless Communications, 2020, 19, 2443-2459.	9.2	138
26	Optimal Power Allocation for Outage Probability Minimization in Fading Channels with Energy Harvesting Constraints. IEEE Transactions on Wireless Communications, 2014, 13, 1074-1087.	9.2	129
27	Optimal Linear Fusion for Distributed Detection Via Semidefinite Programming. IEEE Transactions on Signal Processing, 2010, 58, 2431-2436.	5.3	121
28	FedLoc: Federated Learning Framework for Data-Driven Cooperative Localization and Location Data Processing. IEEE Open Journal of Signal Processing, 2020, 1, 187-215.	3.5	121
29	Spatio-Temporal Wireless Traffic Prediction With Recurrent Neural Network. IEEE Wireless Communications Letters, 2018, 7, 554-557.	5.0	120
30	Communication-efficient federated learning. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	120
31	On Design of Collaborative Beamforming for Two-Way Relay Networks. IEEE Transactions on Signal Processing, 2011, 59, 2284-2295.	5.3	114
32	Cross-layer design for lifetime maximization in interference-limited wireless sensor networks. , 0, , .		112
33	Energy-Efficient Wireless Communications With Distributed Reconfigurable Intelligent Surfaces. IEEE Transactions on Wireless Communications, 2022, 21, 665-679.	9.2	107
34	Cross-Layer Energy and Delay Optimization in Small-Scale Sensor Networks. IEEE Transactions on Wireless Communications, 2007, 6, 3688-3699.	9.2	105
35	Federated Learning for 6G: Applications, Challenges, and Opportunities. Engineering, 2022, 8, 33-41.	6.7	105
36	Reinforcement Learning-Based Multiaccess Control and Battery Prediction With Energy Harvesting in IoT Systems. IEEE Internet of Things Journal, 2019, 6, 2009-2020.	8.7	104

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37	Reliable and Efficient Sub-Nyquist Wideband Spectrum Sensing in Cooperative Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 2750-2762.	14.0	103
38	UVeQFed: Universal Vector Quantization for Federated Learning. IEEE Transactions on Signal Processing, 2021, 69, 500-514.	5.3	100
39	Modulation optimization under energy constraints. , 0, , .		93
40	On the relationship between the multi-antenna secrecy communications and cognitive radio communications. IEEE Transactions on Communications, 2010, 58, 1877-1886.	7.8	89
41	Handover Control in Wireless Systems via Asynchronous Multiuser Deep Reinforcement Learning. IEEE Internet of Things Journal, 2018, 5, 4296-4307.	8.7	86
42	Scaling Laws for Overlaid Wireless Networks: A Cognitive Radio Network versus a Primary Network. IEEE/ACM Transactions on Networking, 2010, 18, 1317-1329.	3.8	85
43	Efficient subcarrier, power, and rate allocation with fairness consideration for OFDMA uplink. IEEE Transactions on Wireless Communications, 2008, 7, 1507-1511.	9.2	80
44	Cooperative Wideband Spectrum Sensing Over Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 1382-1394.	6.3	72
45	An Optimal Strategy for Cooperative Spectrum Sensing in Cognitive Radio Networks. , 2007, , .		67
46	Modeling and Optimization of Transmission Schemes in Energy-Constrained Wireless Sensor Networks. IEEE/ACM Transactions on Networking, 2007, 15, 1359-1372.	3.8	66
47	Joint routing, MAC, and link layer optimization in sensor networks with energy constraints. , 0, , .		64
48	Load Balancing for Ultradense Networks: A Deep Reinforcement Learning-Based Approach. IEEE Internet of Things Journal, 2019, 6, 9399-9412.	8.7	63
49	Cross-layer design of energy-constrained networks using cooperative MIMO techniques. Signal Processing, 2006, 86, 1804-1814.	3.7	61
50	Performance Optimization of Federated Learning over Wireless Networks. , 2019, , .		61
51	Distributed Multi-Agent Meta Learning for Trajectory Design in Wireless Drone Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 3177-3192.	14.0	61
52	Federated Learning with Quantization Constraints. , 2020, , .		57
53	Distributed joint cyber attack detection and state recovery in smart grids. , 2011, , .		55
54	A Machine Learning Approach for Task and Resource Allocation in Mobile-Edge Computing-Based Networks. IEEE Internet of Things Journal, 2021, 8, 1358-1372.	8.7	54

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55	Joint offloading and computing optimization in wireless powered mobile-edge computing systems. , 2017, , .		51
56	Optimized Power Control Design for Over-the-Air Federated Edge Learning. IEEE Journal on Selected Areas in Communications, 2022, 40, 342-358.	14.0	51
57	Privacy-Preserving Aggregation for Federated Learning-Based Navigation in Vehicular Fog. IEEE Transactions on Industrial Informatics, 2021, 17, 8453-8463.	11.3	50
58	Cooperative communications based on rateless network coding in distributed MIMO systems [Coordinated and Distributed MIMO. IEEE Wireless Communications, 2010, 17, 60-67.	9.0	48
59	Optimal Distributed Beamforming for MISO Interference Channels. IEEE Transactions on Signal Processing, 2011, 59, 5638-5643.	5.3	47
60	Generalized results of transmission capacities for overlaid wireless networks. , 2009, , .		43
61	Peak-to-Average Power Ratio Reduction for OFDM/OQAM Signals via Alternative-Signal Method. IEEE Transactions on Vehicular Technology, 2014, 63, 494-499.	6.3	42
62	Joint estimation in sensor networks under energy constraints. , 0, , .		41
63	Introducing Hypergraph Signal Processing: Theoretical Foundation and Practical Applications. IEEE Internet of Things Journal, 2020, 7, 639-660.	8.7	41
64	Distributed Kalman Filtering Over Massive Data Sets: Analysis Through Large Deviations of Random Riccati Equations. IEEE Transactions on Information Theory, 2015, 61, 1351-1372.	2.4	40
65	WLC05-3: Medium Access Control for Multi-Channel Parallel Transmission in Cognitive Radio Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	39
66	Artificial Intelligence Aided Next-Generation Networks Relying on UAVs. IEEE Wireless Communications, 2021, 28, 120-127.	9.0	39
67	Blockchain-Based Privacy-Preserving Driver Monitoring for MaaS in the Vehicular IoT. IEEE Transactions on Vehicular Technology, 2021, 70, 3788-3799.	6.3	39
68	Federated Learning for Task and Resource Allocation in Wireless High-Altitude Balloon Networks. IEEE Internet of Things Journal, 2021, 8, 17460-17475.	8.7	38
69	Power Control in Energy Harvesting Multiple Access System With Reinforcement Learning. IEEE Internet of Things Journal, 2019, 6, 9175-9186.	8.7	37
70	Shallow Feature Matters for Weakly Supervised Object Localization. , 2021, , .		35
71	Transmission Power Control for Over-the-Air Federated Averaging at Network Edge. IEEE Journal on Selected Areas in Communications, 2022, 40, 1571-1586.	14.0	35
72	Study of Gaussian Relay Channels with Correlated Noises. IEEE Transactions on Communications, 2011, 59, 863-876.	7.8	34

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73	Learning Mutually Local-Global U-Nets For High-Resolution Retinal Lesion Segmentation In Fundus Images. , 2019, , .		32
74	Joint Power Minimization in Wireless Relay Channels. IEEE Transactions on Wireless Communications, 2007, 6, 2820-2824.	9.2	31
75	A biologically inspired networking model for wireless sensor networks. IEEE Network, 2010, 24, 6-13.	6.9	31
76	Throughput and Delay Scaling in Supportive Two-Tier Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 415-424.	14.0	31
77	Wireless Sensor Networks and the Internet of Things: Optimal Estimation With Nonuniform Quantization and Bandwidth Allocation. IEEE Sensors Journal, 2013, 13, 3568-3574.	4.7	31
78	A Novel Pilot Assignment Scheme in Massive MIMO Networks. IEEE Wireless Communications Letters, 2018, 7, 262-265.	5.0	31
79	Distributed Kalman Filtering With Quantized Sensing State. IEEE Transactions on Signal Processing, 2015, 63, 5180-5193.	5.3	30
80	Energy-constrained modulation optimization for coded systems. , 0, , .		29
81	Power and Rate Control for Delay-Constrained Cognitive Radios Via Dynamic Programming. IEEE Transactions on Vehicular Technology, 2009, 58, 4819-4827.	6.3	29
82	Medical-VLBERT: Medical Visual Language BERT for COVID-19 CT Report Generation With Alternate Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3786-3797.	11.3	29
83	Energy-delay tradeoffs for data collection in TDMA-based sensor networks. , 0, , .		28
84	Scaling Laws for Overlaid Wireless Networks: A Cognitive Radio Network vs. a Primary Network. , 2008, , .		28
85	Learning to Decode Protograph LDPC Codes. IEEE Journal on Selected Areas in Communications, 2021, 39, 1983-1999.	14.0	28
86	AI-Driven UAV-NOMA-MEC in Next Generation Wireless Networks. IEEE Wireless Communications, 2021, 28, 66-73.	9.0	28
87	Performance Optimization for Semantic Communications: An Attention-Based Reinforcement Learning Approach. IEEE Journal on Selected Areas in Communications, 2022, 40, 2598-2613.	14.0	28
88	Distributed detection in noisy sensor networks. , 2011, , .		27
89	Real-Time Adaptively Regularized Compressive Sensing in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 1146-1157.	6.3	27
90	Joint modulation and multiple access optimization under energy constraints. , 0, , .		25

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91	Delay-Energy Tradeoff in Multicast Scheduling for Green Cellular Systems. IEEE Journal on Selected Areas in Communications, 2016, 34, 1235-1249.	14.0	25
92	Resource Allocation for Ultradense Networks With Machine-Learning-Based Interference Graph Construction. IEEE Internet of Things Journal, 2020, 7, 2137-2151.	8.7	25
93	Achievable rate regions for broadcast channels with cognitive relays. , 2009, , .		24
94	Power-efficient analog forwarding transmission in an inhomogeneous Gaussian sensor network. , 0, , .		21
95	Power and Rate Control with Dynamic Programming for Cognitive Radios. , 2007, , .		21
96	Gaussian Interference Channel with State Information. IEEE Transactions on Wireless Communications, 2013, 12, 4058-4071.	9.2	21
97	Trace-Driven QoE-Aware Proactive Caching for Mobile Video Streaming in Metropolis. IEEE Transactions on Wireless Communications, 2020, 19, 62-76.	9.2	21
98	Optimal Power Allocation for Wireless Sensor Networks with Outage Constraint. IEEE Wireless Communications Letters, 2014, 3, 209-212.	5.0	20
99	Handover Optimization via Asynchronous Multi-User Deep Reinforcement Learning. , 2018, , .		20
100	Measuring Sparsity of Wireless Channels. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 133-144.	7.9	20
101	Energy-Efficient Cooperative Communication based on Power Control and Selective Relay in Wireless Sensor Networks. , 2007, , .		19
102	Spatial-spectral joint detection for wideband spectrum sensing in cognitive radio networks. , 2008, , .		19
103	Detection Outage and Detection Diversity in a Homogeneous Distributed Sensor Network. IEEE Transactions on Signal Processing, 2009, 57, 2875-2881.	5.3	19
104	Distributed Gaussian Processes Hyperparameter Optimization for Big Data Using Proximal ADMM. IEEE Signal Processing Letters, 2019, 26, 1197-1201.	3.6	19
105	Hypergraph Spectral Analysis and Processing in 3D Point Cloud. IEEE Transactions on Image Processing, 2021, 30, 1193-1206.	9.8	19
106	Device-Free Sensing in OFDM Cellular Network. IEEE Journal on Selected Areas in Communications, 2022, 40, 1838-1853.	14.0	19
107	Power Versus Spectrum 2-D Sensing in Energy Harvesting Cognitive Radio Networks. IEEE Transactions on Signal Processing, 2015, 63, 6200-6212.	5.3	18
108	Deep Reinforcement Learning Aided Intelligent Access Control in Energy Harvesting Based WLAN. IEEE Transactions on Vehicular Technology, 2020, 69, 14078-14082.	6.3	18

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109	Privacy-Preserving Continuous Data Collection for Predictive Maintenance in Vehicular Fog-Cloud. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5060-5070.	8.0	18
110	CaricatureShop: Personalized and Photorealistic Caricature Sketching. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 2349-2361.	4.4	17
111	Energy Efficiency of Amplify-and-Forward Full-Duplex Relay Channels. IEEE Wireless Communications Letters, 2019, 8, 1365-1368.	5.0	16
112	Distributed Reinforcement Learning for Age of Information Minimization in Real-Time IoT Systems. IEEE Journal on Selected Topics in Signal Processing, 2022, 16, 501-515.	10.8	16
113	Energy-Efficient Cooperative Communication in Clustered Wireless Sensor Networks. , 2006, , .		15
114	Theory and techniques for â€œintelliciseâ€•wireless networks. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 1-4.	2.6	14
115	Energy Efficient Routing based on Cooperative MIMO Techniques. , 0, , .		13
116	Fast Budgeted Influence Maximization Over Multi-Action Event Logs. IEEE Access, 2018, 6, 14367-14378.	4.2	13
117	Multi-Antenna Channel Interpolation via Tucker Decomposed Extreme Learning Machine. IEEE Transactions on Vehicular Technology, 2019, 68, 7160-7163.	6.3	13
118	Hypergraph Spectral Clustering for Point Cloud Segmentation. IEEE Signal Processing Letters, 2020, 27, 1655-1659.	3.6	13
119	Computer Vision-Based Localization With Visible Light Communications. IEEE Transactions on Wireless Communications, 2022, 21, 2051-2065.	9.2	13
120	Vertical Federated Edge Learning With Distributed Integrated Sensing and Communication. IEEE Communications Letters, 2022, 26, 2091-2095.	4.1	13
121	Robust blind multiuser detection against CDMA signature mismatch. , 0, , .		12
122	Energy-efficient protocols for wireless networks with adaptive MIMO capabilities. Wireless Networks, 2010, 16, 199-212.	3.0	12
123	On the Capacity of a Class of Cognitive Z-Interference Channels. , 2011, , .		12
124	On Design of Rateless Codes over Dying Binary Erasure Channel. IEEE Transactions on Communications, 2012, 60, 889-894.	7.8	12
125	Power allocation for joint estimation with energy harvesting constraints. , 2013, , .		12
126	Submodular maximization with multi-knapsack constraints and its applications in scientific literature recommendations. , 2016, , .		12

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127	Load-Dependent Cascading Failures in Finite-Size ErdÃ¶s-RÃ©nyi Random Networks. IEEE Transactions on Network Science and Engineering, 2017, 4, 129-139.	6.4	12
128	Learning-Based Distributed Detection-Estimation in Sensor Networks With Unknown Sensor Defects. IEEE Transactions on Signal Processing, 2017, 65, 130-145.	5.3	12
129	On the Adversarial Robustness of Subspace Learning. IEEE Transactions on Signal Processing, 2020, 68, 1470-1483.	5.3	12
130	Energy-Efficient Joint Estimation in Sensor Networks: Analog vs. Digital. , 0, , .		11
131	Cooperative Interference Management in Multi-Cell Downlink Beamforming. , 2010, , .		11
132	On Asymptotic Statistics for Geometric Routing Schemes in Wireless Ad Hoc Networks. IEEE/ACM Transactions on Networking, 2015, 23, 559-573.	3.8	11
133	Communication-Efficient Federated Edge Learning via Optimal Probabilistic Device Scheduling. IEEE Transactions on Wireless Communications, 2022, 21, 8536-8551.	9.2	11
134	Cross-layer optimization of sensor networks based on cooperative MIMO techniques with rate adaptation. , 0, , .		10
135	Price-Based Spectrum Management in Cognitive Radio Networks. , 2007, , .		10
136	On ergodic sum capacity of fading cognitive multiple-access channel. , 2008, , .		10
137	On the Outage Capacity of a Dying Channel. , 2008, , .		10
138	On the relationship between the multi-antenna secrecy communications and cognitive radio communications. , 2009, , .		10
139	A selection region based routing protocol for random mobile ad hoc networks. , 2010, , .		10
140	Connectivity of two-tier networks. , 2010, , .		10
141	Bandit problems in networks: Asymptotically efficient distributed allocation rules. , 2011, , .		10
142	Outage minimization in fading channels under energy harvesting constraints. , 2012, , .		10
143	Blind Channel Codes Recognition via Deep Learning. IEEE Journal on Selected Areas in Communications, 2021, 39, 2421-2433.	14.0	10
144	On the Adversarial Robustness of LASSO Based Feature Selection. IEEE Transactions on Signal Processing, 2021, 69, 5555-5567.	5.3	10

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145	Amplify-and-Forward Relaying for Hierarchical Over-the-Air Computation. IEEE Transactions on Wireless Communications, 2022, 21, 10529-10543.	9.2	10
146	Robust blind multiuser detection against signature waveform mismatch based on second-order cone programming. IEEE Transactions on Wireless Communications, 2005, 4, 1285-1291.	9.2	9
147	A <formula formulatype="inline"><tex>q</tex></formula>-Parameterized Deterministic Annealing EM Algorithm Based on Nonextensive Statistical Mechanics. IEEE Transactions on Signal Processing, 2008, 56, 3069-3080.	5.3	9
148	An Efficient Water-Filling Solution for Linear Coherent Joint Estimation. IEEE Transactions on Signal Processing, 2008, 56, 5301-5305.	5.3	9
149	Optimal linear fusion for distributed spectrum sensing via semidefinite programming. , 2009, , .		9
150	Delay-constrained Gaussian relay channel with energy harvesting nodes. , 2012, , .		9
151	Deep Reinforcement Learning Based Mobility Load Balancing Under Multiple Behavior Policies. , 2019, , .		9
152	Noncoherent Energy-Modulated Massive SIMO in Multipath Channels: A Machine Learning Approach. IEEE Internet of Things Journal, 2020, 7, 8263-8270.	8.7	9
153	Joint LED Selection and Precoding Optimization for Multiple-User Multiple-Cell VLC Systems. IEEE Internet of Things Journal, 2022, 9, 6003-6017.	8.7	9
154	Distributed estimation in sensor networks with imperfect model information: An adaptive learning-based approach. , 2012, , .		8
155	Generalized Cut-Set Bounds for Broadcast Networks. IEEE Transactions on Information Theory, 2015, 61, 2983-2996.	2.4	8
156	Cascading Failures in Load-Dependent Finite-Size Random Geometric Networks. IEEE Transactions on Network Science and Engineering, 2016, 3, 183-196.	6.4	8
157	Distributed Quickest Detection in Sensor Networks via Two-Layer Large Deviation Analysis. IEEE Internet of Things Journal, 2018, 5, 930-942.	8.7	8
158	Streaming Algorithms for News and Scientific Literature Recommendation: Monotone Submodular Maximization With a <inline-formula> <tex-math notation="LaTeX">d </tex-math> </inline-formula>-Knapsack Constraint. IEEE Access, 2018, 6, 53736-53747.	4.2	8
159	Data Driven Automatic Modulation Classification via Dictionary Learning. IEEE Wireless Communications Letters, 2018, 7, 586-589.	5.0	8
160	One-Class Classifier Based Fault Detection in Distribution Systems With Varying Penetration Levels of Distributed Energy Resources. IEEE Access, 2020, 8, 130023-130035.	4.2	8
161	Robust beamforming with channel uncertainty for two-way relay networks. , 2012, , .		7
162	Linearized Robust Beamforming for Two-Way Relay Systems. IEEE Signal Processing Letters, 2014, 21, 1017-1021.	3.6	7

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163	Reinforcement Learning Based Multi-Access Control with Energy Harvesting. , 2018, , .		7
164	Voting-Based Multiagent Reinforcement Learning for Intelligent IoT. IEEE Internet of Things Journal, 2021, 8, 2681-2693.	8.7	7
165	Resource Allocation for Wireless Communications with Distributed Reconfigurable Intelligent Surfaces. , 2020, , .		7
166	Convergence results in distributed Kalman filtering. , 2011, , .		6
167	Multiuser Gain in Energy Harvesting Wireless Communications. IEEE Access, 2017, 5, 10052-10061.	4.2	6
168	Stable distribution based analysis of transmission capacities for overlaid wireless networks. , 2009, , .		5
169	Outage Capacity and Optimal Transmission for Dying Channels. IEEE Transactions on Communications, 2013, 61, 357-367.	7.8	5
170	Cognitive Context-Aware Distributed Storage Optimization in Mobile Cloud Computing: A Stable Matching Based Approach. , 2017, , .		5
171	Feature selection with interactions in logistic regression models using multivariate synergies for a GWAS application. BMC Genomics, 2018, 19, 170.	2.8	5
172	On the Adversarial Robustness of Feature Selection Using LASSO. , 2020, , .		5
173	Two-Stage Bayesian Sequential Change Diagnosis. IEEE Transactions on Signal Processing, 2021, 69, 6131-6147.	5.3	5
174	Joint User Grouping, Version Selection, and Bandwidth Allocation for Live Video Multicasting. IEEE Transactions on Communications, 2022, 70, 350-365.	7.8	5
175	A Stochastic Geometry Analysis for Energy-Harvesting-Based Device-to-Device Communication. IEEE Internet of Things Journal, 2022, 9, 1591-1607.	8.7	5
176	Optimized Power Control for Over-the-Air Federated Edge Learning. , 2021, , .		5
177	Meta-Reinforcement Learning for Reliable Communication in THz/VLC Wireless VR Networks. IEEE Transactions on Wireless Communications, 2022, 21, 7778-7793.	9.2	5
178	Estimation Diversity with Multiple Heterogeneous Sensors. , 2006, , .		4
179	Delay-throughput tradeoff for supportive two-tier networks. , 2009, , .		4
180	Achievable rates and capacity for Gaussian relay channels with correlated noises. , 2009, , .		4

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181	Optimization Techniques in Wireless Communications. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	4
182	Optimal distributed beamforming for MISO interference channels. , 2010, , .		4
183	Robust Distributed Least-Squares Estimation in Sensor Networks with Node Failures. , 2011, , .		4
184	Optimal resource allocation for multiple access channel with conferencing links and a shared renewable energy source. , 2013, , .		4
185	Large Overlaid Cognitive Radio Networks: From Throughput Scaling to Asymptotic Multiplexing Gain. IEEE Transactions on Wireless Communications, 2014, 13, 3042-3055.	9.2	4
186	A fast receiver sensitivity identification method for wireless systems. , 2016, , .		4
187	Tensor-based Spectral Analysis of Cascading Failures over Multilayer Complex Systems. , 2018, , .		4
188	Meta-Reinforcement Learning for Immersive Virtual Reality over THz/VLC Wireless Networks. , 2021, , .		4
189	Joint Resource Management and Model Compression for Wireless Federated Learning. , 2021, , .		4
190	Fast Convergence with q-expectation in EM-based Blind Iterative Detection. , 2006, , .		3
191	Detection Outage and Detection Diversity in Distributed Sensor Networks. , 2007, , .		3
192	Power and Rate Control for Cognitive Radios: A Dynamic Programming Approach. , 2008, , .		3
193	Achievable Rate Regions for Discrete Memoryless Interference Channel with State Information. , 2011, , .		3
194	Optimal resource allocation for Gaussian relay channel with energy harvesting constraints. , 2012, , .		3
195	Distributed Bayesian quickest change detection in sensor networks via large deviation analysis. , 2016, , .		3
196	Efficient Blind Cooperative Wideband Spectrum Sensing Based on Joint Sparsity. , 2016, , .		3
197	Detection of Cooperative Interactions in Logistic Regression Models. IEEE Transactions on Signal Processing, 2017, 65, 1765-1780.	5.3	3
198	Achieving Blockchain-based Privacy-Preserving Location Proofs under Federated Learning. , 2021, , .		3

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199	A Deep Q-Network Based Approach for Online Bayesian Change Point Detection. , 2021, , .		3
200	A Joint Communication and Federated Learning Framework for Internet of Things Networks. , 2021, , .		3
201	Asymptotic Capacity of Large Fading Relay Networks under Random Attacks. , 2009, , .		2
202	Distributed beamforming for two-way relay networks with reciprocal channels. , 2010, , .		2
203	Study of Half-Duplex Gaussian Relay Channels with Correlated Noises. , 2010, , .		2
204	Asymptotic Capacity of Large Fading Relay Networks with Random Node Failures. IEEE Transactions on Communications, 2011, 59, 2306-2315.	7.8	2
205	Generalized cut-set bounds for broadcast networks. , 2013, , .		2
206	On the Alternative Relaying Gaussian Diamond Channel with Conferencing Links. IEEE Transactions on Wireless Communications, 2013, 12, 758-768.	9.2	2
207	Performance Analysis for Energy Harvesting Communication Systems: From Throughput to Energy Diversity. , 2015, , .		2
208	ONE-CLASS CLASSIFIER BASED FAULT DETECTION IN DISTRIBUTION SYSTEMS WITH DISTRIBUTED ENERGY RESOURCES. , 2018, , .		2
209	Big Data for Cyber-Physical Systems. IEEE Transactions on Big Data, 2020, 6, 606-608.	6.1	2
210	Sub-Nyquist spectrum sensing and learning challenge. Frontiers of Computer Science, 2021, 15, 1.	2.4	2
211	Optimal Feature Manipulation Attacks Against Linear Regression. IEEE Transactions on Signal Processing, 2021, 69, 5580-5594.	5.3	2
212	CTH15-1: Linear Coherent Decentralized Estimation. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	1
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