

Xiaojun Yuan

List of Publications by Year in descending order

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176
papers

4,311
citations

126708

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177
all docs

177
docs citations

177
times ranked

2612
citing authors

#	ARTICLE	IF	CITATIONS
1	Cascaded Channel Estimation for Large Intelligent Metasurface Assisted Massive MIMO. IEEE Wireless Communications Letters, 2020, 9, 210-214.	3.2	458
2	Reconfigurable Intelligent Surface Assisted UAV Communication: Joint Trajectory Design and Passive Beamforming. IEEE Wireless Communications Letters, 2020, 9, 716-720.	3.2	378
3	Intelligent Reflecting Surface-Assisted Millimeter Wave Communications: Joint Active and Passive Precoding Design. IEEE Transactions on Vehicular Technology, 2020, 69, 14960-14973.	3.9	270
4	Matrix-Calibration-Based Cascaded Channel Estimation for Reconfigurable Intelligent Surface Assisted Multiuser MIMO. IEEE Journal on Selected Areas in Communications, 2020, 38, 2621-2636.	9.7	204
5	Reconfigurable-Intelligent-Surface Empowered Wireless Communications: Challenges and Opportunities. IEEE Wireless Communications, 2021, 28, 136-143.	6.6	160
6	Passive Beamforming and Information Transfer Design for Reconfigurable Intelligent Surfaces Aided Multiuser MIMO Systems. IEEE Journal on Selected Areas in Communications, 2020, 38, 1793-1808.	9.7	155
7	Passive Beamforming and Information Transfer via Large Intelligent Surface. IEEE Wireless Communications Letters, 2020, 9, 533-537.	3.2	142
8	Robust Secure UAV Communications With the Aid of Reconfigurable Intelligent Surfaces. IEEE Transactions on Wireless Communications, 2021, 20, 6402-6417.	6.1	126
9	Turbo Compressed Sensing with Partial DFT Sensing Matrix. IEEE Signal Processing Letters, 2015, 22, 158-161.	2.1	113
10	Constellation Learning-Based Signal Detection for Ambient Backscatter Communication Systems. IEEE Journal on Selected Areas in Communications, 2019, 37, 452-463.	9.7	107
11	Dual-Diagonal LMMSE Channel Estimation for OFDM Systems. IEEE Transactions on Signal Processing, 2012, 60, 4734-4746.	3.2	74
12	Evolution analysis of low-cost iterative equalization in coded linear systems with cyclic prefixes. IEEE Journal on Selected Areas in Communications, 2008, 26, 301-310.	9.7	73
13	Reconfigurable Intelligent Surface Enabled Federated Learning: A Unified Communication-Learning Design Approach. IEEE Transactions on Wireless Communications, 2021, 20, 7595-7609.	6.1	66
14	Structured Turbo Compressed Sensing for Massive MIMO Channel Estimation Using a Markov Prior. IEEE Transactions on Vehicular Technology, 2018, 67, 4635-4639.	3.9	65
15	Sparsity Learning-Based Multiuser Detection in Grant-Free Massive-Device Multiple Access. IEEE Transactions on Wireless Communications, 2019, 18, 3569-3582.	6.1	64
16	Superposition coded modulation and iterative linear MMSE detection. IEEE Journal on Selected Areas in Communications, 2009, 27, 995-1004.	9.7	63
17	Blind Signal Detection in Massive MIMO: Exploiting the Channel Sparsity. IEEE Transactions on Communications, 2018, 66, 700-712.	4.9	63
18	A New Physical-Layer Network Coding Scheme with Eigen-Direction Alignment Precoding for MIMO Two-Way Relaying. IEEE Transactions on Communications, 2013, 61, 973-986.	4.9	62

#	ARTICLE	IF	CITATIONS
19	Distributed Energy Beamforming for Simultaneous Wireless Information and Power Transfer in the Two-Way Relay Channel. IEEE Signal Processing Letters, 2015, 22, 656-660.	2.1	60
20	Energy Efficiency Maximization for Full-Duplex UAV Secrecy Communication. IEEE Transactions on Vehicular Technology, 2020, 69, 4590-4595.	3.9	57
21	Joint User Identification, Channel Estimation, and Signal Detection for Grant-Free NOMA. IEEE Transactions on Wireless Communications, 2020, 19, 6960-6976.	6.1	52
22	Multiple-Input Multiple-Output Two-Way Relaying: A Space-Division Approach. IEEE Transactions on Information Theory, 2013, 59, 6421-6440.	1.5	51
23	Dynamic Nested Clustering for Parallel PHY-Layer Processing in Cloud-RANs. IEEE Transactions on Wireless Communications, 2016, 15, 1881-1894.	6.1	48
24	Reconfigurable Intelligent Surfaces for Energy Efficiency in D2D Communication Network. IEEE Wireless Communications Letters, 2021, 10, 683-687.	3.2	47
25	Anti-Jamming 3D Trajectory Design for UAV-Enabled Wireless Sensor Networks Under Probabilistic LoS Channel. IEEE Transactions on Vehicular Technology, 2020, 69, 16288-16293.	3.9	43
26	Reconfigurable Intelligent Surface Aided Constant-Envelope Wireless Power Transfer. IEEE Transactions on Signal Processing, 2021, 69, 1347-1361.	3.2	42
27	Hermitian Precoding for Distributed MIMO Systems with Individual Channel State Information. IEEE Journal on Selected Areas in Communications, 2013, 31, 241-250.	9.7	41
28	Tens of Gigabits Wireless Communications Over E-Band LoS MIMO Channels With Uniform Linear Antenna Arrays. IEEE Transactions on Wireless Communications, 2014, 13, 3791-3805.	6.1	39
29	MIMO Multiway Relaying With Clustered Full Data Exchange: Signal Space Alignment and Degrees of Freedom. IEEE Transactions on Wireless Communications, 2014, 13, 6795-6808.	6.1	34
30	On the Performance of Turbo Signal Recovery with Partial DFT Sensing Matrices. IEEE Signal Processing Letters, 2015, , 1-1.	2.1	34
31	Denoising-Based Turbo Compressed Sensing. IEEE Access, 2017, 5, 7193-7204.	2.6	34
32	Wireless MIMO Switching: Weighted Sum Mean Square Error and Sum Rate Optimization. IEEE Transactions on Information Theory, 2013, 59, 5297-5312.	1.5	33
33	Downlink Channel Estimation in Multiuser Massive MIMO With Hidden Markovian Sparsity. IEEE Transactions on Signal Processing, 2018, 66, 4796-4810.	3.2	33
34	On Systematic LT Codes. IEEE Communications Letters, 2008, 12, 681-683.	2.5	32
35	Precoder Design for Multiuser MIMO ISI Channels Based on Iterative LMMSE Detection. IEEE Journal on Selected Topics in Signal Processing, 2009, 3, 1118-1128.	7.3	31
36	Achievable Rates of MIMO Systems With Linear Precoding and Iterative LMMSE Detection. IEEE Transactions on Information Theory, 2014, 60, 7073-7089.	1.5	30

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37	Joint Beamforming and Reconfigurable Intelligent Surface Design for Two-Way Relay Networks. IEEE Transactions on Communications, 2021, 69, 5620-5633.	4.9	30
38	MIMO Multiway Relaying With Pairwise Data Exchange: A Degrees of Freedom Perspective. IEEE Transactions on Signal Processing, 2014, 62, 5294-5307.	3.2	28
39	Degrees of Freedom of MIMO Multiway Relay Channel With Clustered Pairwise Exchange. IEEE Journal on Selected Areas in Communications, 2015, 33, 337-351.	9.7	24
40	Structured Turbo Compressed Sensing for Downlink Massive MIMO-OFDM Channel Estimation. IEEE Transactions on Wireless Communications, 2019, 18, 3813-3826.	6.1	24
41	Beamforming Design for Multiuser Two-Way Relaying: A Unified Approach via Max-Min SINR. IEEE Transactions on Signal Processing, 2013, 61, 5841-5852.	3.2	23
42	Deep-Learned Approximate Message Passing for Asynchronous Massive Connectivity. IEEE Transactions on Wireless Communications, 2021, 20, 5434-5448.	6.1	23
43	CNN-Based Signal Detection for Banded Linear Systems. IEEE Transactions on Wireless Communications, 2019, 18, 4394-4407.	6.1	21
44	Sparse Kronecker-Product Coding for Unsourced Multiple Access. IEEE Wireless Communications Letters, 2021, 10, 2274-2278.	3.2	21
45	The Jointly Gaussian Approach to Iterative Detection in MIMO Systems. , 2006, , .		20
46	Scalable Uplink Signal Detection in C-RANs via Randomized Gaussian Message Passing. IEEE Transactions on Wireless Communications, 2017, 16, 5187-5200.	6.1	20
47	On Orthogonal AMP in Coded Linear Vector Systems. IEEE Transactions on Wireless Communications, 2019, 18, 5658-5672.	6.1	20
48	Towards the Asymptotic Sum Capacity of the MIMO Cellular Two-Way Relay Channel. IEEE Transactions on Signal Processing, 2014, 62, 4039-4051.	3.2	19
49	Blind Multiuser Detection in Massive MIMO Channels With Clustered Sparsity. IEEE Wireless Communications Letters, 2019, 8, 1052-1055.	3.2	19
50	Super-Resolution Blind Channel-and-Signal Estimation for Massive MIMO With One-Dimensional Antenna Array. IEEE Transactions on Signal Processing, 2019, 67, 4433-4448.	3.2	18
51	Super-Resolution Channel Estimation for Massive MIMO via Clustered Sparse Bayesian Learning. IEEE Transactions on Vehicular Technology, 2019, 68, 6156-6160.	3.9	18
52	Hierarchical Passive Beamforming for Reconfigurable Intelligent Surface Aided Communications. IEEE Wireless Communications Letters, 2021, 10, 1909-1913.	3.2	18
53	Compute-Compress-and-Forward: Exploiting Asymmetry of Wireless Relay Networks. IEEE Transactions on Signal Processing, 2016, 64, 511-524.	3.2	17
54	Statistical Beamforming for FDD Downlink Massive MIMO via Spatial Information Extraction and Beam Selection. IEEE Transactions on Wireless Communications, 2020, 19, 4617-4631.	6.1	17

#	ARTICLE	IF	CITATIONS
55	Temporal-Structure-Assisted Gradient Aggregation for Over-the-Air Federated Edge Learning. IEEE Journal on Selected Areas in Communications, 2021, 39, 3757-3771.	9.7	17
56	Energy-Spreading-Transform Based MIMO Systems: Iterative Equalization, Evolution Analysis, and Precoder Optimization. IEEE Transactions on Wireless Communications, 2014, 13, 5237-5250.	6.1	16
57	MIMO Multipair Two-Way Relaying With Distributed Relays: Joint Signal Alignment and Interference Neutralization. IEEE Transactions on Information Theory, 2016, 62, 1326-1343.	1.5	13
58	Low-Complexity Iterative Detection in Multi-User MIMO ISI Channels. IEEE Signal Processing Letters, 2008, 15, 25-28.	2.1	12
59	Generalized Compute-Compress-and-Forward. IEEE Transactions on Information Theory, 2019, 65, 462-481.	1.5	12
60	Double-Sparsity Learning-Based Channel-and-Signal Estimation in Massive MIMO With Generalized Spatial Modulation. IEEE Transactions on Communications, 2020, 68, 2863-2877.	4.9	12
61	Hybrid Uplink and Downlink Transmissions for Full-Duplex UAV Communication With RIS. IEEE Wireless Communications Letters, 2022, 11, 866-870.	3.2	12
62	Single- and multi-carrier IDMA schemes with cyclic prefixing and zero padding techniques. European Transactions on Telecommunications, 2008, 19, 537-547.	1.2	11
63	Semi-Blind Channel-and-Signal Estimation for Uplink Massive MIMO With Channel Sparsity. IEEE Access, 2019, 7, 95008-95020.	2.6	11
64	Reconfigurable Intelligent Surface for Massive Connectivity: Joint Activity Detection and Channel Estimation. IEEE Transactions on Signal Processing, 2021, 69, 5693-5707.	3.2	11
65	D-OAMP: A denoising-based signal recovery algorithm for compressed sensing. , 2016, , .		10
66	Multi-Antenna Constant Envelope Wireless Power Transfer. IEEE Transactions on Green Communications and Networking, 2017, 1, 458-467.	3.5	10
67	Learning-Based Iterative Interference Cancellation for Cognitive Internet of Things. IEEE Internet of Things Journal, 2019, 6, 7213-7224.	5.5	10
68	Doped Accumulate LT Codes. , 2007, , .		9
69	Simple capacity-achieving ensembles of rateless erasure-correcting codes. IEEE Transactions on Communications, 2010, 58, 110-117.	4.9	9
70	Iterative equalization for MIMO systems: Algorithm design and evolution analysis. , 2013, , .		9
71	Fundamental Limits of Training-Based Uplink Multiuser MIMO Systems. IEEE Transactions on Wireless Communications, 2018, 17, 7544-7558.	6.1	9
72	Optimization of Data Exchange in 5G Vehicle-to-Infrastructure Edge Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 9376-9389.	3.9	9

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73	Precoder design for ISI channels based on iterative LMMSE equalization. , 2008, , .		8
74	Nonregenerative Cellular Two-Way Relaying With Large-Scale Antenna Arrays. IEEE Transactions on Vehicular Technology, 2016, 65, 4959-4972.	3.9	8
75	Optimal DoF Region for the Asymmetric Two-Pair MIMO Two-Way Relay Channel. IEEE Transactions on Signal Processing, 2017, 65, 1700-1711.	3.2	8
76	Locally Orthogonal Training Design for Cloud-RANs Based on Graph Coloring. IEEE Transactions on Wireless Communications, 2017, 16, 6426-6437.	6.1	8
77	A Signal-Space Aligned Network Coding Approach to Distributed MIMO. IEEE Transactions on Signal Processing, 2017, 65, 27-40.	3.2	8
78	TARM: A Turbo-Type Algorithm for Affine Rank Minimization. IEEE Transactions on Signal Processing, 2019, 67, 5730-5745.	3.2	8
79	Joint Base Station Activation and Coordinated Downlink Beamforming for HetNets: Efficient Optimal and Suboptimal Algorithms. IEEE Transactions on Vehicular Technology, 2019, 68, 3702-3712.	3.9	8
80	Denosing-Based Turbo Message Passing for Compressed Video Background Subtraction. IEEE Transactions on Image Processing, 2021, 30, 2682-2696.	6.0	8
81	CSIT-Free Model Aggregation for Federated Edge Learning via Reconfigurable Intelligent Surface. IEEE Wireless Communications Letters, 2021, 10, 2440-2444.	3.2	8
82	Achievable Rates of Coded Linear Systems with Iterative MMSE Detection. , 2009, , .		7
83	DFT-based physical layer encryption for achieving perfect secrecy. , 2013, , .		7
84	Millimeter wave wireless transmissions at E-band channels with uniform linear antenna arrays: Beyond the Rayleigh distance. , 2014, , .		7
85	Design and Analysis of BICM-ID for Two-Way Relay Channels With Physical-Layer Network Coding. IEEE Transactions on Vehicular Technology, 2017, 66, 10170-10182.	3.9	7
86	Message-Passing Based Channel Estimation for Reconfigurable Intelligent Surface Assisted MIMO. , 2020, , .		7
87	Variance State Propagation for Structured Sparse Bayesian Learning. IEEE Transactions on Signal Processing, 2020, 68, 2386-2400.	3.2	7
88	Location-aware Beamforming Design for Reconfigurable Intelligent Surface Aided Communication System. , 2021, , .		7
89	Quasi-systematic doped LT codes. IEEE Journal on Selected Areas in Communications, 2009, 27, 866-875.	9.7	6
90	On water-filling precoding for coded single-carrier systems. IEEE Communications Letters, 2009, 13, 34-36.	2.5	6

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91	Optimal Degrees of Freedom Region for the Asymmetric MIMO Y Channel. IEEE Communications Letters, 2016, 20, 2454-2457.	2.5	6
92	Multi-Pair MIMO Two-Way Relaying: A Principal-Angle Perspective. IEEE Transactions on Signal Processing, 2016, 64, 380-394.	3.2	6
93	On the Degrees of Freedom of the Symmetric Multi-Relay MIMO Y Channel. IEEE Transactions on Wireless Communications, 2017, 16, 5673-5688.	6.1	6
94	Turbo-Type Message Passing Algorithms for Compressed Robust Principal Component Analysis. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1182-1196.	7.3	6
95	Sparsity-Learning-Based Iterative Compensation for Filtered-OFDM With Clipping. IEEE Communications Letters, 2020, 24, 2483-2487.	2.5	6
96	Distributed Deep Learning for Power Control in D2D Networks With Outdated Information. IEEE Transactions on Wireless Communications, 2021, 20, 5702-5713.	6.1	6
97	Message-Passing Receiver Design for Multiuser Multi-Backscatter-Device Symbiotic Radio Communications. IEEE Transactions on Wireless Communications, 2022, 21, 4563-4578.	6.1	6
98	Achievable rates of MIMO-ISI systems with linear precoding and iterative LMMSE detection. , 2011, , .		5
99	Degrees of freedom of half-duplex MIMO multi-way relay channel with full data exchange. , 2014, , .		5
100	Joint Routing and Charging Scheduling Optimizations for Smart-Grid Enabled Electric Vehicle Networks. , 2017, , .		5
101	MIMO Multiway Distributed Relay Channel With Full Data Exchange: An Achievable Rate Perspective. IEEE Access, 2018, 6, 41139-41152.	2.6	5
102	Massive MIMO-OFDM Channel Estimation via Structured Turbo Compressed Sensing. , 2018, , .		5
103	Tarm: A Turbo-Type Algorithm for Low-Rank Matrix Recovery. , 2018, , .		5
104	Message-Passing Based OFDM Receiver for Time-Varying Sparse Multipath Channels. IEEE Transactions on Vehicular Technology, 2018, 67, 10097-10101.	3.9	5
105	Large Intelligent Surface Aided Multiuser MIMO: Passive Beamforming and Information Transfer. , 2020, , .		5
106	Joint Communication-Learning Design for RIS-Assisted Federated Learning. , 2021, , .		5
107	Practical RIS-Aided Coded Systems: Joint Precoding and Passive Beamforming. IEEE Wireless Communications Letters, 2021, 10, 2345-2349.	3.2	5
108	Wireless MIMO switching with trusted and untrusted relays: Degrees of freedom perspective. , 2015, , .		4

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109	Iterative Detection in Coded Linear Systems Based on Orthogonal AMP. , 2018, , .		4
110	Algorithmic Beamforming Design for MIMO Multiway Relay Channel With Clustered Full Data Exchange. IEEE Transactions on Vehicular Technology, 2018, 67, 10081-10086.	3.9	4
111	Generalized Signal-Space Alignment Based Physical-Layer Network Coding for Distributed MIMO Systems. IEEE Access, 2019, 7, 48430-48444.	2.6	4
112	Machine Learning Based Iterative Detection and Multi-Interference Cancellation for Cognitive IoT. IEEE Communications Letters, 2020, 24, 1995-1999.	2.5	4
113	Coexistence of Human-Type and Machine-Type Communications in Uplink Massive MIMO. IEEE Journal on Selected Areas in Communications, 2021, 39, 804-819.	9.7	4
114	Joint Trajectory and Power Design in Probabilistic LoS Channel for UAV-Enabled Cooperative Jamming. , 2021, , .		4
115	Full-Dimensional Rate Enhancement for UAV-Enabled Communications via Intelligent Omni-Surface. IEEE Wireless Communications Letters, 2022, 11, 1955-1959.	3.2	4
116	Optimized Spectrum-Shaping Strategy for Coded Single-Carrier Transmission. IEEE Signal Processing Letters, 2008, 15, 809-812.	2.1	3
117	Iterative Dual Diagonal LMMSE Channel Estimation in OFDM Systems. , 2010, , .		3
118	Space-time linear precoding and iterative LMMSE detection for MIMO channels without CSIT. , 2011, , .		3
119	Power Allocation for Linearly Precoded OFDM Systems with Imperfect CSIT. IEEE Wireless Communications Letters, 2013, 2, 315-318.	3.2	3
120	Broadcast channel with transmitter noncausal interference and receiver side information. , 2014, , .		3
121	Scalable coordinated uplink processing in cloud radio access networks. , 2014, , .		3
122	Distributed MIMO multiway relaying: Joint signal alignment and interference neutralization. , 2015, , .		3
123	Compute-compress-and-forward. , 2015, , .		3
124	Optimal DoF Region for the Asymmetric Two-Pair MIMO Two-Way Relay Channel. , 2016, , .		3
125	On the DoF Region for the Asymmetric MIMO Two-Way X Relay Channel. IEEE Transactions on Communications, 2018, 66, 119-132.	4.9	3
126	Deep-Learning-Based Signal Detection for Banded Linear Systems. , 2018, , .		3

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127	Message-Passing Based Blind Signal Detection for Massive MIMO with General Antenna Arrays. , 2019, , .		3
128	Turbo Message Passing-Based Receiver Design for Time-Varying OFDM Systems. IEEE Transactions on Communications, 2019, 67, 7058-7072.	4.9	3
129	Distributed Deep Learning Power Allocation for D2D Network Based on Outdated Information. , 2020, , .		3
130	Asynchronous Massive Connectivity with Deep-Learned Approximate Message Passing. , 2020, , .		3
131	Variance State Propagation for Channel Estimation in Underwater Acoustic Massive MIMO-OFDM with Clustered Channel Sparsity. , 2021, , .		3
132	Evolution Analysis of Iterative LMMSE-APP Detection for Coded Linear System with Cyclic Prefixes. , 2007, , .		2
133	Performance analysis of multi-ary systems with iterative linear minimum-mean-square-error detection. , 2008, , .		2
134	Joint beamforming, water-filling, and diversity coding in MIMO systems with CSIT uncertainty. , 2010, , .		2
135	Scalable Uplink Processing via Sparse Message Passing in C-RAN. , 2015, , .		2
136	Randomized Gaussian message passing for scalable uplink signal processing in C-RANs. , 2016, , .		2
137	Degrees of freedom of MIMO Y channel with multiple relays. , 2016, , .		2
138	Lattice precoding for MIMO multiway relay channel with full data exchange. , 2016, , .		2
139	Structured Sparsity Learning Based Multiuser Detection in Massive-Device Multiple Access. , 2018, , .		2
140	Learning Based Interference Cancellation for Cognitive Radio. , 2018, , .		2
141	Distributed Energy Beamforming and Information Transfer for Multiway Relay Networks. IEEE Access, 2018, 6, 38977-38985.	2.6	2
142	Semi-Blind Signal Detection for Uplink Massive MIMO with Channel Sparsity. , 2019, , .		2
143	Joint User Identification, Channel Estimation, and Signal Detection for Grant-Free NOMA. , 2019, , .		2
144	Impact of Signaling Schemes on Iterative Linear Minimum-Mean-Square-Error Detection. , 2008, , .		1

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145	Quasi-systematic doped LT codes. , 2009, , .		1
146	Joint FEC coding and linear precoding for MIMO ISI channels. , 2010, , .		1
147	Asymptotic Analysis of Dual-Diagonal LMMSE Channel Estimation in OFDM Systems. , 2010, , .		1
148	Space-division approach for multi-pair MIMO two way relaying: A principal-angle perspective. , 2013, , .		1
149	Two-user degraded broadcast channel with channel state information at transmitter and message side information at receivers. , 2014, , .		1
150	Throughput optimization for training-based large-scale virtual MIMO systems. , 2014, , .		1
151	Lattice-based cooperative communications for two-path relay channels with direct link. , 2015, , .		1
152	Throughput Bounds for Training-Based Multiuser MIMO Systems. , 2016, , .		1
153	Capacity Analysis for the Gaussian Two-Pair Two-Way Relay Channel. , 2017, , .		1
154	Degrees of Freedom of a MIMO Multipair Two-Way Relay Channel With Delayed Channel State Information. IEEE Signal Processing Letters, 2018, 25, 243-247.	2.1	1
155	Bayesian Message-Passing Based OFDM Receiver for Doubly-Spread Multipath Channels. , 2018, , .		1
156	Block Iteratively Reweighted Algorithms for Robust Symmetric Nonnegative Matrix Factorization. IEEE Signal Processing Letters, 2018, 25, 1510-1514.	2.1	1
157	Learned Turbo Message Passing for Affine Rank Minimization and Compressed Robust Principal Component Analysis. IEEE Access, 2019, 7, 140606-140617.	2.6	1
158	Beam-Selection-Based Statistical Beamforming for FDD Massive MIMO: Exploiting Spatial Reciprocity. , 2019, , .		1
159	Massive Connectivity in MIMO-OFDM Systems With Frequency Selectivity Compensation. , 2021, , .		1
160	Hermitian precoding for distributed MIMO systems. , 2012, , .		0
161	Asymptotic sum-capacity of MIMO two-way relay channels within $1/2 \log 5/4$ bit per user-antenna. , 2013, , .		0
162	Beamforming design for multi-pair two-way relaying systems via monotonic program. , 2013, , .		0

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163	Scalable Uplink Processing via Sparse Message Passing in C-RAN. , 2014, , .		0
164	Performance of Ring-TCM codes over two-way relay fading channels using linear physical-layer network coding. , 2015, , .		0
165	Locally Orthogonal Training Design in Cloud-RANs. , 2016, , .		0
166	Optimal DoF Region of MIMO Y Channel with Hybrid Data Exchanges. , 2018, , .		0
167	Scalable Channel Estimation. Springer Briefs in Electrical and Computer Engineering, 2019, , 23-47.	0.3	0
168	Learned Turbo-type Affine Rank Minimization. , 2019, , .		0
169	Blind Detection in Coexistence of Human-Type and Machine-Type Communications. , 2019, , .		0
170	Capacity of the Gaussian Two-Pair Two-Way Relay Channel to Within $\frac{1}{2}$ Bit. IEEE Transactions on Information Theory, 2019, 65, 8273-8304.	1.5	0
171	Turbo Message Passing Algorithms for Structured Signal Recovery. SpringerBriefs in Computer Science, 2020, , .	0.2	0
172	Semi-Blind Channel Estimation for RIS-Aided Massive MIMO: A Trilinear AMP Approach. , 2021, , .		0
173	PHY-Layer Design Challenges in Reconfigurable Intelligent Surface Aided 6G Wireless Networks. Computer Communications and Networks, 2021, , 53-81.	0.8	0
174	Scalable Signal Detection: Randomized Gaussian Message Passing. Springer Briefs in Electrical and Computer Engineering, 2019, , 67-91.	0.3	0
175	Turbo Message Passing for Compressed Robust Principal Component Analysis. SpringerBriefs in Computer Science, 2020, , 67-97.	0.2	0
176	Temporal-Structure-Aware Interference Cancellation for Asynchronous Cognitive IoT. IEEE Wireless Communications Letters, 2022, 11, 293-297.	3.2	0