

David J Love

List of Publications by Citations

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201
papers

7,277
citations

37
h-index

82
g-index

247
ext. papers

9,574
ext. citations

5.8
avg, IF

6.41
L-index

#	Paper	IF	Citations
201	. <i>IEEE Transactions on Information Theory</i> , 2003 , 49, 2735-2747	2.8	868
200	An overview of limited feedback in wireless communication systems. <i>IEEE Journal on Selected Areas in Communications</i> , 2008 , 26, 1341-1365	14.2	824
199	Millimeter Wave Beamforming for Wireless Backhaul and Access in Small Cell Networks. <i>IEEE Transactions on Communications</i> , 2013 , 61, 4391-4403	6.9	608
198	Limited feedback unitary precoding for spatial multiplexing systems. <i>IEEE Transactions on Information Theory</i> , 2005 , 51, 2967-2976	2.8	418
197	On the performance of random vector quantization limited feedback beamforming in a MISO system. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 458-462	9.6	313
196	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2014 , 8, 802-814	7.5	282
195	Prospective Multiple Antenna Technologies for Beyond 5G. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 1637-1660	14.2	236
194	Equal gain transmission in multiple-input multiple-output wireless systems. <i>IEEE Transactions on Communications</i> , 2003 , 51, 1102-1110	6.9	193
193	Pilot Beam Pattern Design for Channel Estimation in Massive MIMO Systems. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2014 , 8, 787-801	7.5	146
192	Simplified Spatial Correlation Models for Clustered MIMO Channels With Different Array Configurations. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 1924-1934	6.8	143
191	Multimode antenna selection for spatial multiplexing systems with linear receivers. <i>IEEE Transactions on Signal Processing</i> , 2005 , 53, 3042-3056	4.8	138
190	Multiple Antenna Broadcast Channels With Shape Feedback and Limited Feedback. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 3417-3428	4.8	125
189	Multi-Resolution Codebook and Adaptive Beamforming Sequence Design for Millimeter Wave Beam Alignment. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 5689-5701	9.6	108
188	Limited feedback diversity techniques for correlated channels. <i>IEEE Transactions on Vehicular Technology</i> , 2006 , 55, 718-722	6.8	104
187	Multimode precoding for MIMO wireless systems. <i>IEEE Transactions on Signal Processing</i> , 2005 , 53, 3674-3687	4.8	104
186	. <i>IEEE Transactions on Communications</i> , 2013 , 61, 5016-5029	6.9	95
185	Analysis and Practical Considerations in Implementing Multiple Transmitters for Wireless Power Transfer via Coupled Magnetic Resonance. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 1774-1783	8.9	87

184	Kronecker product correlation model and limited feedback codebook design in a 3D channel model 2014,		87
183	Precoding for Multiple Antenna Gaussian Broadcast Channels With Successive Zero-Forcing. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 3837-3850	4.8	84
182	Antenna Grouping Based Feedback Compression for FDD-Based Massive MIMO Systems. <i>IEEE Transactions on Communications</i> , 2015 , 63, 3261-3274	6.9	73
181	Multiple antenna MMSE based downlink precoding with quantized feedback or channel mismatch. <i>IEEE Transactions on Communications</i> , 2008 , 56, 1859-1868	6.9	73
180	Common Codebook Millimeter Wave Beam Design: Designing Beams for Both Sounding and Communication With Uniform Planar Arrays. <i>IEEE Transactions on Communications</i> , 2017 , 65, 1859-1872	6.9	71
179	MIMO Systems with Limited Rate Differential Feedback in Slowly Varying Channels. <i>IEEE Transactions on Communications</i> , 2011 , 59, 1175-1189	6.9	59
178	Reduced Feedback MIMO-OFDM Precoding and Antenna Selection. <i>IEEE Transactions on Signal Processing</i> , 2007 , 55, 2284-2293	4.8	56
177	OFDM power loading using limited feedback. <i>IEEE Transactions on Vehicular Technology</i> , 2005 , 54, 1773-1780	6.8	55
176	User Selection With Zero-Forcing Beamforming Achieves the Asymptotically Optimal Sum Rate. <i>IEEE Transactions on Signal Processing</i> , 2008 , 56, 3713-3726	4.8	49
175	. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 3537-3548	4.8	46
174	Multilevel millimeter wave beamforming for wireless backhaul 2011,		46
173	Feedback rate-capacity loss tradeoff for limited feedback MIMO systems. <i>IEEE Transactions on Information Theory</i> , 2006 , 52, 2190-2202	2.8	46
172	Closed-Loop Beam Alignment for Massive MIMO Channel Estimation. <i>IEEE Communications Letters</i> , 2014 , 18, 1439-1442	3.8	43
171	Necessary and sufficient conditions for full diversity order in correlated Rayleigh fading beamforming and combining systems. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 20-23	9.6	42
170	Body-Worn Distributed MIMO System. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 1752-1765	6.8	41
169	Capacity Limits of Multiple Antenna Multicasting Using Antenna Subset Selection. <i>IEEE Transactions on Signal Processing</i> , 2008 , 56, 2524-2534	4.8	41
168	. <i>IEEE Open Journal of the Communications Society</i> , 2021 , 2, 1310-1343	6.7	40
167	Compressed Sensing-Aided Downlink Channel Training for FDD Massive MIMO Systems. <i>IEEE Transactions on Communications</i> , 2017 , 65, 2852-2862	6.9	39

166	On the Achievable Rate of Generalized Spatial Modulation Using Multiplexing Under a Gaussian Mixture Model. <i>IEEE Transactions on Communications</i> , 2016 , 64, 1588-1599	6.9	38
165	. <i>IEEE Transactions on Communications</i> , 2016 , 64, 187-200	6.9	37
164	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 2007-2016	9.6	36
163	Does Frequent Low Resolution Feedback Outperform Infrequent High Resolution Feedback for Multiple Antenna Beamforming Systems?. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 1654-1669	4.8	35
162	Codebook design for hybrid beamforming in millimeter wave systems 2015 ,		33
161	Optimal and Successive Approaches to Signal Design for Multiple Antenna Physical Layer Multicasting. <i>IEEE Transactions on Communications</i> , 2011 , 59, 2316-2327	6.9	32
160	On the Energy Efficiency of MIMO Hybrid Beamforming for Millimeter-Wave Systems With Nonlinear Power Amplifiers. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 7208-7221	9.6	31
159	On the probability of error of antenna-subset selection with space-time block codes. <i>IEEE Transactions on Communications</i> , 2005 , 53, 1799-1803	6.9	31
158	Bounds on Eigenvalues of a Spatial Correlation Matrix. <i>IEEE Communications Letters</i> , 2014 , 18, 1391-1394	4.8	30
157	Adaptive Millimeter Wave Beam Alignment for Dual-Polarized MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 6283-6296	9.6	29
156	2014 , 52, 126-133		29
155	Packet Structure and Receiver Design for Low Latency Wireless Communications With Ultra-Short Packets. <i>IEEE Transactions on Communications</i> , 2018 , 66, 796-807	6.9	28
154	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2018 , 12, 383-398	7.5	28
153	Hybrid structure in massive MIMO: Achieving large sum rate with fewer RF chains 2015 ,		27
152	Duplex distortion models for limited feedback MIMO communication. <i>IEEE Transactions on Signal Processing</i> , 2006 , 54, 766-774	4.8	27
151	Optimization and tradeoff analysis of two-way limited feedback beamforming systems. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 2570-2579	9.6	26
150	Optimizing Wireless Power Transfer From Multiple Transmit Coils. <i>IEEE Access</i> , 2018 , 6, 23828-23838	3.5	25
149	Limited Feedback Beamforming Systems for Dual-Polarized MIMO Channels. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 3425-3439	9.6	24

148	Adaptive Beam Tracking With the Unscented Kalman Filter for Millimeter Wave Communication. <i>IEEE Signal Processing Letters</i> , 2019 , 26, 1658-1662	3.2	22
147	Closed-Loop Precoding and Capacity Analysis for Multiple-Antenna Wireless Systems With User Radiation Exposure Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 5859-5870	9.6	21
146	On Scheduling for Multiple-Antenna Wireless Networks Using Contention-Based Feedback. <i>IEEE Transactions on Communications</i> , 2007 , 55, 1174-1190	6.9	21
145	Multi-Armed Bandit Beam Alignment and Tracking for Mobile Millimeter Wave Communications. <i>IEEE Communications Letters</i> , 2019 , 23, 1244-1248	3.8	20
144	Trellis Coded Line Packing: Large Dimensional Beamforming Vector Quantization and Feedback Transmission. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 1844-1853	9.6	19
143	Design Guidelines for Limited Feedback in the Spatially Correlated Broadcast Channel. <i>IEEE Transactions on Communications</i> , 2015 , 63, 2524-2540	6.9	18
142	Minimizing exposure to electromagnetic radiation in portable devices 2012 ,		18
141	A closed-loop training approach for massive MIMO beamforming systems 2013 ,		17
140	Antenna grouping based feedback reduction for FDD-based massive MIMO systems 2014 ,		17
139	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2013 , 49, 1210-1223	3.7	17
138	Limited feedback design for the spatially correlated multi-antenna broadcast channel 2013 ,		17
137	Hybrid ARQ Protocol for Multi-Antenna Multicasting Using a Common Feedback Channel. <i>IEEE Transactions on Communications</i> , 2011 , 59, 1530-1542	6.9	17
136	Improved multiuser MIMO unitary precoding using partial channel state information and insights from the riemannian manifold. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 4014-4023	9.6	17
135	Throughput Delay Tradeoff for Wireless Multicast Using Hybrid-ARQ Protocols. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2741-2751	6.9	17
134	Millimeter Wave Receiver Design Using Low Precision Quantization and Parallel Δ Sigma Σ Architecture. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 6556-6569	9.6	16
133	. <i>IEEE Transactions on Communications</i> , 2012 , 60, 578-588	6.9	16
132	Differential Rotation Feedback MIMO System for Temporally Correlated Channels 2008 ,		16
131	Diversity performance of precoded orthogonal space-time block codes using limited feedback. <i>IEEE Communications Letters</i> , 2004 , 8, 305-307	3.8	16

130	Space-time Chase decoding. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 2035-2039	9.6	16
129	Leveraging the Restricted Isometry Property: Improved Low-Rank Subspace Decomposition for Hybrid Millimeter-Wave Systems. <i>IEEE Transactions on Communications</i> , 2018 , 66, 5814-5827	6.9	15
128	Analysis and Implementation of Asynchronous Physical Layer Network Coding. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 6595-6607	9.6	15
127	Outage performance of multi-antenna multicasting for wireless networks. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 1996-2005	9.6	15
126	. <i>IEEE Transactions on Signal Processing</i> , 2015 , 63, 1310-1321	4.8	14
125	SAR codes 2013 ,		14
124	Sum-Rate Analysis for Multi-User MIMO Systems With User Exposure Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 7376-7388	9.6	14
123	Multi-Resolution Codebook Based Beamforming Sequence Design in Millimeter-Wave Systems 2015 ,		14
122	. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 6633-6649	2.8	14
121	Exploiting limited feedback in tomorrow's wireless communication networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2008 , 26, 1337-1340	14.2	13
120	Advanced Quantizer Designs for FDD-Based FD-MIMO Systems Using Uniform Planar Arrays. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 3891-3905	4.8	13
119	Neyman-Pearson Codebook Design for Beam Alignment in Millimeter-Wave Networks 2017 ,		12
118	Advanced Limited Feedback Designs for FD-MIMO Using Uniform Planar Arrays 2015 ,		12
117	Differential codebook for general rotated dual-polarized MISO channels 2012 ,		12
116	Optimal pilot beam pattern design for massive MIMO systems 2013 ,		11
115	On the Performance of MIMO Nullforming with Random Vector Quantization Limited Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 2884-2893	9.6	10
114	An Approach to Sensor Network Throughput Enhancement by PHY-Aided MAC. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 670-684	9.6	10
113	Channel estimation techniques for quantized distributed reception in MIMO systems 2014 ,		10

112	A Simple Dual-Mode Limited Feedback Multiuser Downlink System. <i>IEEE Transactions on Communications</i> , 2009 , 57, 1514-1522	6.9	10
111	Capacity Limits of Multi-Antenna Multicasting Under Correlated Fading Channels. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2002-2013	6.9	10
110	A Weighted Least Squares Approach to Precoding With Pilots for MIMO-OFDM. <i>IEEE Transactions on Signal Processing</i> , 2006 , 54, 4067-4073	4.8	10
109	Joint Optimization of Signal Design and Resource Allocation in Wireless D2D Edge Computing 2020 ,		10
108	Hybrid precoding for millimeter wave systems with a constraint on user electromagnetic radiation exposure 2016 ,		9
107	Noisy Beam Alignment Techniques for Reciprocal MIMO Channels. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 5092-5107	4.8	8
106	Propagation Modeling Through Foliage in a Coniferous Forest at 28 GHz. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 901-904	5.9	8
105	Secondary Spectrum Auctions for Markets With Communication Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 116-130	9.6	8
104	. <i>IEEE Transactions on Communications</i> , 2014 , 62, 536-551	6.9	8
103	Limited feedback in massive MIMO systems: Exploiting channel correlations via noncoherent trellis-coded quantization 2013 ,		8
102	Leveraging temporal correlation for limited feedback multiple antennas systems 2010 ,		8
101	Utilizing temporal correlation in multiuser MIMO feedback 2008 ,		8
100	28-GHz Channel Measurements and Modeling for Suburban Environments 2018 ,		8
99	Cell-free massive MIMO systems utilizing multi-antenna access points 2017 ,		7
98	Information-theoretic structure of multistatic radar imaging 2011 ,		7
97	On the Capacity and Design of Limited Feedback Multiuser MIMO Uplinks. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 4712-4724	2.8	7
96	User Selection for the MIMO Broadcast Channel with a Fairness Constraint 2007 ,		7
95	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 7759-7773	9.6	7

94	Exploiting the preferred domain of FDD massive MIMO systems with uniform planar arrays 2015 ,		6
93	Receive spatial coding for distributed diversity 2013 ,		6
92	Sub-sector-based codebook feedback for massive MIMO with 2D antenna arrays 2014 ,		6
91	2011 ,		6
90	Linear network coding capacity region of 2-receiver MIMO broadcast packet erasure channels with feedback 2012 ,		6
89	Partial Channel State Information Unitary Precoding and Codebook Design for MIMO Broadcast Systems 2007 ,		6
88	2021 ,		6
87	Packet Structure and Receiver Design for Low-Latency Communications with Ultra-Small Packets 2016 ,		6
86	Signal-Level Models of Pointwise Electromagnetic Exposure for Millimeter Wave Communication. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 3963-3977	4.9	6
85	Analysis of Two-Unicast Network-Coded Hybrid-ARQ With Unreliable Feedback. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 10871-10885	6.8	6
84	Millimeter wave beamforming for multiuser dual-polarized MIMO systems 2013 ,		5
83	Limited Feedback Beamforming Codebook Design for Dual-Polarized MIMO Channels 2008 ,		5
82	Multi-Stage Hybrid Federated Learning Over Large-Scale D2D-Enabled Fog Networks. <i>IEEE/ACM Transactions on Networking</i> , 2022 , 1-16	3.8	5
81	Determining Electromagnetic Exposure Compliance of Multi-Antenna Devices in Linear Time. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 7585-7596	4.9	4
80	Guest Editorial Special Issue on Multiple Antenna Technologies for Beyond 5G-Part II. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 1941-1944	14.2	4
79	Exploiting dominant eigendirections for feedback compression for FDD-based massive MIMO systems 2016 ,		4
78	An efficient network coding scheme for two-way communication with ARQ feedback 2016 ,		4
77	Improving millimeter-wave channel models for suburban environments with site-specific geometric features 2018 ,		4

76	An Efficient Network-Coded ARQ Scheme for Two-Way Wireless Communication With Full-Duplex Relaying. <i>IEEE Access</i> , 2019 , 7, 131995-132009	3.5	4
75	. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 6462-6477	4.8	4
74	Using Channel Output Feedback to Increase Throughput in Hybrid-ARQ. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 6465-6480	4.8	4
73	Closed-form expression for optimal two-user MIMO unitary precoding. <i>IEEE Communications Letters</i> , 2009 , 13, 251-253	3.8	4
72	On resource allocation in two-way limited feedback beamforming systems 2008 ,		4
71	Throughput delay tradeoff for wireless multicast using hybrid-ARQ protocols 2008 ,		4
70	A Simple Multiuser and Single-User Dual-Mode Downlink System with Limited Feedback 2007 ,		4
69	Heterogeneous Massive MIMO with Small Cells 2016 ,		4
68	Throughput Analysis of Two-Way NCed-HARQ With Reverse-Link Assistance and Estimated Channel State Information. <i>IEEE Communications Letters</i> , 2018 , 22, 352-355	3.8	3
67	Mean Squared Error Based Excitation Pattern Design for Parallel Transmit and Receive SENSE MRI Image Reconstruction. <i>IEEE Transactions on Computational Imaging</i> , 2016 , 1-1	4.5	3
66	Implementation and Analysis of Energy Detection-Based Sensing Using USRP/SBX Platform 2014 ,		3
65	Millimeter wave beam-alignment for dual-polarized outdoor MIMO systems 2013 ,		3
64	A Feedback Update Control Scheme for Limited Feedback Multiple Antennas Systems 2010 ,		3
63	Recursive covariance design for multiple antenna physical layer multicasting 2008 ,		3
62	WLC26-2: Limited Feedback in Multiple Antenna Broadcast Channels. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		3
61	Large-Scale Cellular Coverage Analyses for UAV Data Relay via Channel Modeling 2020 ,		3
60	Robust Automatic Modulation Classification in the Presence of Adversarial Attacks 2021 ,		3
59	Advanced Quantizer Designs for FD-MIMO Systems Using Uniform Planar Arrays 2016 ,		3

58	Dynamic Electromagnetic Exposure Allocation for Rayleigh Fading MIMO Channels. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 728-740	9.6	3
57	Multi-Antenna SAR Estimation in Linear Time 2018 ,		3
56	Concatenated Coding Using Linear Schemes for Gaussian Broadcast Channels With Noisy Channel Output Feedback. <i>IEEE Transactions on Communications</i> , 2015 , 63, 4576-4590	6.9	2
55	Optimization of Two-Way Network Coded HARQ With Overhead. <i>IEEE Transactions on Communications</i> , 2020 , 68, 3602-3613	6.9	2
54	Mixed quadratic model for peak spatial-average SAR of coherent multiple antenna devices 2017 ,		2
53	Training signal design for channel estimation in massive MIMO systems 2014 ,		2
52	Fast multi-channel Gibbs-sampling for low-overhead distributed resource allocation in OFDMA cellular networks 2013 ,		2
51	Downlink training codebook design and hybrid precoding in FDD massive MIMO systems 2014 ,		2
50	Waveform design for multistatic radar imaging using mutual information 2012 ,		2
49	Feedforward Frameworks to Enhance Decoding in Precoded Multiuser MIMO Systems. <i>IEEE Signal Processing Letters</i> , 2009 , 16, 945-948	3.2	2
48	Trellis coded beamforming vector quantization with fractional bits per antenna 2009 ,		2
47	On the delay performance in multi-antenna wireless networks using contention-based feedback. <i>IEEE Transactions on Communications</i> , 2008 , 56, 1769-1774	6.9	2
46	Minimizing the Number of Dropped Users in MIMO Multicasting Channels 2007 ,		2
45	SPCp1-05: On Some Techniques for Reducing the Feedback Requirement in Precoded MIMO-OFDM. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		2
44	WLC42-2: Spatial Multiplexing with Opportunistic Scheduling for Multiuser MIMO-OFDM Systems. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		2
43	Low Complexity Adaptive Design for Full-Diversity Full-Rate Space-Time Codes. <i>IEEE Transactions on Signal Processing</i> , 2006 , 54, 3180-3189	4.8	2
42	Improved space-time coding for multiple antenna multicasting 2006 ,		2
41	Sparse Subspace Decomposition for Millimeter Wave MIMO Channel Estimation 2016 ,		2

40	Error Control Sounding Strategies for Millimeter Wave Beam Alignment 2018,		2
39	Implementation of rate-adaptive integer forcing compression in distributed wireless relay networking 2018,		2
38	Learning-Based Adaptive IRS Control with Limited Feedback Codebooks. <i>IEEE Transactions on Wireless Communications</i> , 2022 , 1-1	9.6	2
37	Multiple-Input Multiple-Output (MIMO) MRI: Combining Parallel Excitation and Parallel Reception for Enhanced Imaging. <i>IEEE Transactions on Computational Imaging</i> , 2019 , 5, 596-605	4.5	1
36	Distributed Filter Design and Power Allocation for Small-Cell MIMO Networks 2017,		1
35	Antenna Reliability Ordering Technique for Unequal Error Protection in Jointly Detected MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 7136-7148	6.8	1
34	Communicating Over Filter-and-Forward Relay Networks With Channel Output Feedback. <i>IEEE Transactions on Signal Processing</i> , 2016 , 64, 1117-1131	4.8	1
33	Multi-Resolution Codebook Based Beamforming Sequence Design in Millimeter-Wave Systems 2014,		1
32	On practical network coded ARQ for two-way wireless communication 2017,		1
31	Multiple-input multiple-output (MIMO) MRI: An efficient pulse design algorithm to combine parallel excitation and parallel imaging 2017,		1
30	Performance Analysis of Multi-Way Quantized Distributed Relay Networking 2017,		1
29	Interference detection using time-frequency binary hypothesis testing 2015,		1
28	Low SINR Synchronization for the DARPA Spectrum Challenge Scenario 2014,		1
27	Transmit covariance optimization with a constraint on user electromagnetic radiation exposure 2013,		1
26	On the achievable rate of the additive Gaussian noise channel with noisy feedback 2010,		1
25	Instantaneous degrees of freedom of downlink interference channels with multiuser diversity 2011 ,		1
24	A lower bound on feedback capacity of colored Gaussian relay channels 2012,		1
23	Precoding for Multiple Antenna Broadcast Channels with Channel Mismatch 2006,		1

22	Feedback Techniques for MIMO Channels. <i>Electrical Engineering and Applied Signal Processing Series</i> , 2006 , 113-146		1
21	Corrections to "Equal gain transmission in multiple-input multiple-output wireless systems". <i>IEEE Transactions on Communications</i> , 2003 , 51, 1613-1613	6.9	1
20	Waveform Optimization for Near-Field Wireless Powered Communication Using a Coil Array 2020 ,		1
19	Position-Based Adaptive Power Back-Off for User Electromagnetic Exposure Management in Millimeter Wave Systems. <i>IEEE Wireless Communications Letters</i> , 2022 , 11, 86-90	5.9	1
18	Non-coherent Receivers for Orthogonal Space-Time CPM. <i>IEICE Transactions on Communications</i> , 2009 , E92-B, 2072-2084	0.5	1
17	Increasing Throughput in Wireless Communications by Grouping Similar Quality Bits. <i>IEEE Communications Letters</i> , 2020 , 24, 2450-2453	3.8	1
16	Guest Editorial Special Issue on Multiple Antenna Technologies for Beyond 5G-Part I <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 1633-1636	14.2	1
15	Frequency-based Automated Modulation Classification in the Presence of Adversaries 2021 ,		1
14	Maximizing wireless power transfer using distributed beamforming 2016 ,		1
13	Optimality Conditions of Performance-Guaranteed Power Minimization in MIMO Networks: A Distributed Algorithm and Its Feasibility. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 119-135	4.8	1
12	A Deep Ensemble-based Wireless Receiver Architecture for Mitigating Adversarial Attacks in Automatic Modulation Classification. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 1-1	6.6	1
11	Channel Modeling for Wireless Information and Power Transfer using Inductive Coupling 2018 ,		1
10	Single-Bit Millimeter Wave Beam Alignment Using Error Control Sounding Strategies. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 1032-1045	7.5	0
9	Millimeter Wave Communications for 5G Networks 188-213		0
8	Global and peak local specific absorption rate control on parallel transmit systems using k-means SAR compression model. <i>Magnetic Resonance in Medicine</i> , 2021 , 85, 1093-1103	4.4	0
7	Corrections to 'Capacity Limits of Multi-Antenna Multicasting Under Correlated Fading Channels' [Jul 10 2002-2013]. <i>IEEE Transactions on Communications</i> , 2012 , 60, 231-231	6.9	
6	Measurement-Based Contention Feedback for Multiuser Diversity With Transmit Antenna Selection in Wireless Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 2857-2863	6.8	
5	Minimum Overhead Beamforming and Resource Allocation in D2D Edge Networks. <i>IEEE/ACM Transactions on Networking</i> , 2022 , 1-15	3.8	

4	Practical Distributed Reception for Wireless Body Area Networks Using Supervised Learning. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6
3	Corrections to [Concatenated Coding for the AWGN Channel With Noisy Feedback][Oct 11 6633-6649]. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 8057-8057	2.8
2	Causal Adversarial Channels with Feedback Snooping. <i>IEEE Journal on Selected Areas in Information Theory</i> , 2022 , 1-1	2.5
1	A Novel Framework for Cost Constrained Network Sharing. <i>IEEE Transactions on Mobile Computing</i> , 2022 , 1-1	4.6