David J Love

List of Publications by Year in Descending Order

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	Minimum Overhead Beamforming and Resource Allocation in D2D Edge Networks. *IEEE/ACM Transactions on Networking*, **2022**, 1-15	3.8	
200	Position-Based Adaptive Power Back-Off for User Electromagnetic Exposure Management in Millimeter Wave Systems. *IEEE Wireless Communications Letters*, **2022**, 11, 86-90	5.9	1
199	Multi-Stage Hybrid Federated Learning Over Large-Scale D2D-Enabled Fog Networks. *IEEE/ACM Transactions on Networking*, **2022**, 1-16	3.8	5
198	Causal Adversarial Channels with Feedback Snooping. *IEEE Journal on Selected Areas in Information Theory*, **2022**, 1-1	2.5	
197	A Novel Framework for Cost Constrained Network Sharing. *IEEE Transactions on Mobile Computing*, **2022**, 1-1	4.6	
196	Learning-Based Adaptive IRS Control with Limited Feedback Codebooks. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	2
195	Practical Distributed Reception for Wireless Body Area Networks Using Supervised Learning. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	
194	Robust Automatic Modulation Classification in the Presence of Adversarial Attacks **2021**,		3
193	Frequency-based Automated Modulation Classification in the Presence of Adversaries **2021**,		1
192	**2021**,		6
191	Global and peak local specific absorption rate control on parallel transmit systems using k-means SAR compression model. *Magnetic Resonance in Medicine*, **2021**, 85, 1093-1103	4.4	0
190	Dynamic Electromagnetic Exposure Allocation for Rayleigh Fading MIMO Channels. *IEEE Transactions on Wireless Communications*, **2021**, 20, 728-740	9.6	3
189	Optimality Conditions of Performance-Guaranteed Power Minimization in MIMO Networks: A Distributed Algorithm and Its Feasibility. *IEEE Transactions on Signal Processing*, **2021**, 69, 119-135	4.8	1
188	A Deep Ensemble-based Wireless Receiver Architecture for Mitigating Adversarial Attacks in Automatic Modulation Classification. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 1-1	6.6	1
187	. *IEEE Open Journal of the Communications Society*, **2021**, 2, 1310-1343	6.7	40
186	Prospective Multiple Antenna Technologies for Beyond 5G. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 1637-1660	14.2	236
185	Guest Editorial Special Issue on Multiple Antenna Technologies for Beyond 5G-Part II. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 1941-1944	14.2	4

184	Optimization of Two-Way Network Coded HARQ With Overhead. *IEEE Transactions on Communications*, **2020**, 68, 3602-3613	6.9	2
183	Waveform Optimization for Near-Field Wireless Powered Communication Using a Coil Array **2020**,		1
182	Corrections to Concatenated Coding for the AWGN Channel With Noisy Feedback [Oct 11 6633-6649]. *IEEE Transactions on Information Theory*, **2020**, 66, 8057-8057	2.8	
181	Large-Scale Cellular Coverage Analyses for UAV Data Relay via Channel Modeling **2020**,		3
180	Joint Optimization of Signal Design and Resource Allocation in Wireless D2D Edge Computing **2020** ,		10
179	Increasing Throughput in Wireless Communications by Grouping Similar Quality Bits. *IEEE Communications Letters*, **2020**, 24, 2450-2453	3.8	1
178	Guest Editorial Special Issue on Multiple Antenna Technologies for Beyond 5G-Part I. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 1633-1636	14.2	1
177	Signal-Level Models of Pointwise Electromagnetic Exposure for Millimeter Wave Communication. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 3963-3977	4.9	6
176	Determining Electromagnetic Exposure Compliance of Multi-Antenna Devices in Linear Time. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 7585-7596	4.9	4
175	Multi-Armed Bandit Beam Alignment and Tracking for Mobile Millimeter Wave Communications. *IEEE Communications Letters*, **2019**, 23, 1244-1248	3.8	20
174	Adaptive Beam Tracking With the Unscented Kalman Filter for Millimeter Wave Communication. *IEEE Signal Processing Letters*, **2019**, 26, 1658-1662	3.2	22
173	Multiple-Input Multiple-Output (MIMO) MRI: Combining Parallel Excitation and Parallel Reception for Enhanced Imaging. *IEEE Transactions on Computational Imaging*, **2019**, 5, 596-605	4.5	1
172	Propagation Modeling Through Foliage in a Coniferous Forest at 28 GHz. *IEEE Wireless Communications Letters*, **2019**, 8, 901-904	5.9	8
171	Single-Bit Millimeter Wave Beam Alignment Using Error Control Sounding Strategies. *IEEE Journal on Selected Topics in Signal Processing*, **2019**, 13, 1032-1045	7.5	0
170	An Efficient Network-Coded ARQ Scheme for Two-Way Wireless Communication With Full-Duplex Relaying. *IEEE Access*, **2019**, 7, 131995-132009	3.5	4
169	Optimizing Wireless Power Transfer From Multiple Transmit Coils. *IEEE Access*, **2018**, 6, 23828-23838	3.5	25
168	Packet Structure and Receiver Design for Low Latency Wireless Communications With Ultra-Short Packets. *IEEE Transactions on Communications*, **2018**, 66, 796-807	6.9	28
167	Throughput Analysis of Two-Way NCed-HARQ With Reverse-Link Assistance and Estimated Channel State Information. *IEEE Communications Letters*, **2018**, 22, 352-355	3.8	3

166	. *IEEE Journal on Selected Topics in Signal Processing*, **2018**, 12, 383-398	7.5	28
165	Leveraging the Restricted Isometry Property: Improved Low-Rank Subspace Decomposition for Hybrid Millimeter-Wave Systems. *IEEE Transactions on Communications*, **2018**, 66, 5814-5827	6.9	15
164	On the Energy Efficiency of MIMO Hybrid Beamforming for Millimeter-Wave Systems With Nonlinear Power Amplifiers. *IEEE Transactions on Wireless Communications*, **2018**, 17, 7208-7221	9.6	31
163	Improving millimeter-wave channel models for suburban environments with site-specific geometric features **2018**,		4
162	Channel Modeling for Wireless Information and Power Transfer using Inductive Coupling **2018**,		1
161	Multi-Antenna SAR Estimation in Linear Time **2018**,		3
160	Error Control Sounding Strategies for Millimeter Wave Beam Alignment **2018**,		2
159	Analysis of Two-Unicast Network-Coded Hybrid-ARQ With Unreliable Feedback. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 10871-10885	6.8	6
158	. *IEEE Transactions on Wireless Communications*, **2018**, 17, 7759-7773	9.6	7
157	28-GHz Channel Measurements and Modeling for Suburban Environments **2018**,		8
156	Implementation of rate-adaptive integer forcing compression in distributed wireless relay networking **2018**,		2
155	Advanced Quantizer Designs for FDD-Based FD-MIMO Systems Using Uniform Planar Arrays. *IEEE Transactions on Signal Processing*, **2018**, 66, 3891-3905	4.8	13
154	Common Codebook Millimeter Wave Beam Design: Designing Beams for Both Sounding and Communication With Uniform Planar Arrays. *IEEE Transactions on Communications*, **2017**, 65, 1859-1872	6.9	71
153	Noisy Beam Alignment Techniques for Reciprocal MIMO Channels. *IEEE Transactions on Signal Processing*, **2017**, 65, 5092-5107	4.8	8
152	Multi-Resolution Codebook and Adaptive Beamforming Sequence Design for Millimeter Wave Beam Alignment. *IEEE Transactions on Wireless Communications*, **2017**, 16, 5689-5701	9.6	108
151	Compressed Sensing-Aided Downlink Channel Training for FDD Massive MIMO Systems. *IEEE Transactions on Communications*, **2017**, 65, 2852-2862	6.9	39
150	Distributed Filter Design and Power Allocation for Small-Cell MIMO Networks **2017**,		1
149	Mixed quadratic model for peak spatial-average SAR of coherent multiple antenna devices **2017**,		2

148	On practical network coded ARQ for two-way wireless communication **2017**,		1
147	Neyman-Pearson Codebook Design for Beam Alignment in Millimeter-Wave Networks **2017**,		12
146	Multiple-input multiple-output (MIMO) MRI: An efficient pulse design algorithm to combine parallel excitation and parallel imaging **2017**,		1
145	Sum-Rate Analysis for Multi-User MIMO Systems With User Exposure Constraints. *IEEE Transactions on Wireless Communications*, **2017**, 16, 7376-7388	9.6	14
144	. *IEEE Transactions on Signal Processing*, **2017**, 65, 6462-6477	4.8	4
143	Cell-free massive MIMO systems utilizing multi-antenna access points **2017**,		7
142	Performance Analysis of Multi-Way Quantized Distributed Relay Networking **2017**,		1
141	Mean Squared Error Based Excitation Pattern Design for Parallel Transmit and Receive SENSE MRI Image Reconstruction. *IEEE Transactions on Computational Imaging*, **2016**, 1-1	4.5	3
140	Millimeter Wave Receiver Design Using Low Precision Quantization and Parallel $Delta Sigma $ Architecture. *IEEE Transactions on Wireless Communications*, **2016**, 15, 6556-6569	9.6	16
139	Exploiting dominant eigendirections for feedback compression for FDD-based massive MIMO systems **2016**,		4
138	An efficient network coding scheme for two-way communication with ARQ feedback **2016**,		4
137	. *IEEE Transactions on Communications*, **2016**, 64, 187-200	6.9	37
136	Secondary Spectrum Auctions for Markets With Communication Constraints. *IEEE Transactions on Wireless Communications*, **2016**, 15, 116-130	9.6	8
135	On the Achievable Rate of Generalized Spatial Modulation Using Multiplexing Under a Gaussian Mixture Model. *IEEE Transactions on Communications*, **2016**, 64, 1588-1599	6.9	38
134	Antenna Reliability Ordering Technique for Unequal Error Protection in Jointly Detected MIMO Systems. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 7136-7148	6.8	1
133	Communicating Over Filter-and-Forward Relay Networks With Channel Output Feedback. *IEEE Transactions on Signal Processing*, **2016**, 64, 1117-1131	4.8	1
132	Hybrid precoding for millimeter wave systems with a constraint on user electromagnetic radiation exposure **2016**,		9
131	Heterogeneous Massive MIMO with Small Cells **2016**,		4

130	Maximizing wireless power transfer using distributed beamforming **2016**,		1
129	Advanced Quantizer Designs for FD-MIMO Systems Using Uniform Planar Arrays **2016**,		3
128	Sparse Subspace Decomposition for Millimeter Wave MIMO Channel Estimation **2016**,		2
127	Packet Structure and Receiver Design for Low-Latency Communications with Ultra-Small Packets **2016**,		6
126	. *IEEE Transactions on Signal Processing*, **2015**, 63, 1310-1321	4.8	14
125	. *IEEE Transactions on Signal Processing*, **2015**, 63, 3537-3548	4.8	46
124	Design Guidelines for Limited Feedback in the Spatially Correlated Broadcast Channel. *IEEE Transactions on Communications*, **2015**, 63, 2524-2540	6.9	18
123	. *IEEE Transactions on Wireless Communications*, **2015**, 14, 2007-2016	9.6	36
122	Exploiting the preferred domain of FDD massive MIMO systems with uniform planar arrays **2015**,		6
121	Hybrid structure in massive MIMO: Achieving large sum rate with fewer RF chains **2015**,		27
120	Closed-Loop Precoding and Capacity Analysis for Multiple-Antenna Wireless Systems With User Radiation Exposure Constraints. *IEEE Transactions on Wireless Communications*, **2015**, 14, 5859-5870	9.6	21
119	Antenna Grouping Based Feedback Compression for FDD-Based Massive MIMO Systems. *IEEE Transactions on Communications*, **2015**, 63, 3261-3274	6.9	73
118	Codebook design for hybrid beamforming in millimeter wave systems **2015**,		33
117	Concatenated Coding Using Linear Schemes for Gaussian Broadcast Channels With Noisy Channel Output Feedback. *IEEE Transactions on Communications*, **2015**, 63, 4576-4590	6.9	2
116	Adaptive Millimeter Wave Beam Alignment for Dual-Polarized MIMO Systems. *IEEE Transactions on Wireless Communications*, **2015**, 14, 6283-6296	9.6	29
115	Multi-Resolution Codebook Based Beamforming Sequence Design in Millimeter-Wave Systems **2015**,		14
114	Advanced Limited Feedback Designs for FD-MIMO Using Uniform Planar Arrays **2015**,		12
113	Analysis and Implementation of Asynchronous Physical Layer Network Coding. *IEEE Transactions on Wireless Communications*, **2015**, 14, 6595-6607	9.6	15

112	Interference detection using time-frequency binary hypothesis testing **2015**,		1
111	An Approach to Sensor Network Throughput Enhancement by PHY-Aided MAC. *IEEE Transactions on Wireless Communications*, **2015**, 14, 670-684	9.6	10
110	. *IEEE Transactions on Communications*, **2014**, 62, 536-551	6.9	8
109	On the Performance of MIMO Nullforming with Random Vector Quantization Limited Feedback. *IEEE Transactions on Wireless Communications*, **2014**, 13, 2884-2893	9.6	10
108	Closed-Loop Beam Alignment for Massive MIMO Channel Estimation. *IEEE Communications Letters*, **2014**, 18, 1439-1442	3.8	43
107	**2014**, 52, 126-133		29
106	Training signal design for channel estimation in massive MIMO systems **2014**,		2
105	Bounds on Eigenvalues of a Spatial Correlation Matrix. *IEEE Communications Letters*, **2014**, 18, 1391-1394	3.8	30
104	Pilot Beam Pattern Design for Channel Estimation in Massive MIMO Systems. *IEEE Journal on Selected Topics in Signal Processing*, **2014**, 8, 787-801	7.5	146
103	Analysis and Practical Considerations in Implementing Multiple Transmitters for Wireless Power Transfer via Coupled Magnetic Resonance. *IEEE Transactions on Industrial Electronics*, **2014**, 61, 1774-1783	8.9	87
102	Multi-Resolution Codebook Based Beamforming Sequence Design in Millimeter-Wave Systems **2014**,		1
101	Kronecker product correlation model and limited feedback codebook design in a 3D channel model **2014**,		87
100	Channel estimation techniques for quantized distributed reception in MIMO systems **2014**,		10
99	Low SINR Synchronization for the DARPA Spectrum Challenge Scenario **2014**,		1
98	Implementation and Analysis of Energy Detection-Based Sensing Using USRP/SBX Platform **2014**,		3
97	Downlink training codebook design and hybrid precoding in FDD massive MIMO systems **2014**,		2
96	Sub-sector-based codebook feedback for massive MIMO with 2D antenna arrays **2014**,		6
95	Antenna grouping based feedback reduction for FDD-based massive MIMO systems **2014**,		17

94	. *IEEE Journal on Selected Topics in Signal Processing*, **2014**, 8, 802-814	7.5	282
93	Millimeter Wave Beamforming for Wireless Backhaul and Access in Small Cell Networks. *IEEE Transactions on Communications*, **2013**, 61, 4391-4403	6.9	608
92	. *IEEE Transactions on Communications*, **2013**, 61, 5016-5029	6.9	95
91	Limited feedback in massive MIMO systems: Exploiting channel correlations via noncoherent trellis-coded quantization **2013**,		8
90	A closed-loop training approach for massive MIMO beamforming systems **2013**,		17
89	Millimeter wave beamforming for multiuser dual-polarized MIMO systems **2013**,		5
88	SAR codes **2013**,		14
87	Receive spatial coding for distributed diversity **2013**,		6
86	Fast multi-channel Gibbs-sampling for low-overhead distributed resource allocation in OFDMA cellular networks **2013**,		2
85	. *IEEE Transactions on Aerospace and Electronic Systems*, **2013**, 49, 1210-1223	3.7	17
84	Millimeter wave beam-alignment for dual-polarized outdoor MIMO systems **2013**,		3
83	Limited feedback design for the spatially correlated multi-antenna broadcast channel **2013**,		17
82	Optimal pilot beam pattern design for massive MIMO systems **2013**,		11
81	Transmit covariance optimization with a constraint on user electromagnetic radiation exposure **2013**,		1
80	. *IEEE Transactions on Communications*, **2012**, 60, 578-588	6.9	16
79	Corrections to 'Capacity Limits of Multi-Antenna Multicasting Under Correlated Fading Channels' [Jul 10 2002-2013]. *IEEE Transactions on Communications*, **2012**, 60, 231-231	6.9	
78	Using Channel Output Feedback to Increase Throughput in Hybrid-ARQ. *IEEE Transactions on Signal Processing*, **2012**, 60, 6465-6480	4.8	4
77	Minimizing exposure to electromagnetic radiation in portable devices **2012**,		18

76	A lower bound on feedback capacity of colored Gaussian relay channels **2012**,		1
75	Linear network coding capacity region of 2-receiver MIMO broadcast packet erasure channels with feedback **2012**,		6
74	Differential codebook for general rotated dual-polarized MISO channels **2012**,		12
73	Waveform design for multistatic radar imaging using mutual information **2012**,		2
72	Does Frequent Low Resolution Feedback Outperform Infrequent High Resolution Feedback for Multiple Antenna Beamforming Systems?. *IEEE Transactions on Signal Processing*, **2011**, 59, 1654-1669	4.8	35
71	**2011**,		6
70	Measurement-Based Contention Feedback for Multiuser Diversity With Transmit Antenna Selection in Wireless Networks. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 2857-2863	6.8	
69	MIMO Systems with Limited Rate Differential Feedback in Slowly Varying Channels. *IEEE Transactions on Communications*, **2011**, 59, 1175-1189	6.9	59
68	Hybrid ARQ Protocol for Multi-Antenna Multicasting Using a Common Feedback Channel. *IEEE Transactions on Communications*, **2011**, 59, 1530-1542	6.9	17
67	Optimal and Successive Approaches to Signal Design for Multiple Antenna Physical Layer Multicasting. *IEEE Transactions on Communications*, **2011**, 59, 2316-2327	6.9	32
66	. *IEEE Transactions on Information Theory*, **2011**, 57, 6633-6649	2.8	14
65	Multilevel millimeter wave beamforming for wireless backhaul **2011**,		46
64	Information-theoretic structure of multistatic radar imaging **2011**,		7
63	Trellis Coded Line Packing: Large Dimensional Beamforming Vector Quantization and Feedback Transmission. *IEEE Transactions on Wireless Communications*, **2011**, 10, 1844-1853	9.6	19
62	Instantaneous degrees of freedom of downlink interference channels with multiuser diversity **2011** ,		1
61	A Feedback Update Control Scheme for Limited Feedback Multiple Antennas Systems **2010**,		3
60	On the achievable rate of the additive Gaussian noise channel with noisy feedback **2010**,		1
59	Leveraging temporal correlation for limited feedback multiple antennas systems **2010**,		8

58	Limited Feedback Beamforming Systems for Dual-Polarized MIMO Channels. *IEEE Transactions on Wireless Communications*, **2010**, 9, 3425-3439	9.6	24
57	Capacity Limits of Multi-Antenna Multicasting Under Correlated Fading Channels. *IEEE Transactions on Communications*, **2010**, 58, 2002-2013	6.9	10
56	Throughput Delay Tradeoff for Wireless Multicast Using Hybrid-ARQ Protocols. *IEEE Transactions on Communications*, **2010**, 58, 2741-2751	6.9	17
55	A Simple Dual-Mode Limited Feedback Multiuser Downlink System. *IEEE Transactions on Communications*, **2009**, 57, 1514-1522	6.9	10
54	Body-Worn Distributed MIMO System. *IEEE Transactions on Vehicular Technology*, **2009**, 58, 1752-1765	6.8	41
53	Improved multiuser MIMO unitary precoding using partial channel state information and insights from the riemannian manifold. *IEEE Transactions on Wireless Communications*, **2009**, 8, 4014-4023	9.6	17
52	Feedforward Frameworks to Enhance Decoding in Precoded Multiuser MIMO Systems. *IEEE Signal Processing Letters*, **2009**, 16, 945-948	3.2	2
51	Outage performance of multi-antenna multicasting for wireless networks. *IEEE Transactions on Wireless Communications*, **2009**, 8, 1996-2005	9.6	15
50	Optimization and tradeoff analysis of two-way limited feedback beamforming systems. *IEEE Transactions on Wireless Communications*, **2009**, 8, 2570-2579	9.6	26
49	Trellis coded beamforming vector quantization with fractional bits per antenna **2009**,		2
48	Closed-form expression for optimal two-user MIMO unitary precoding. *IEEE Communications Letters* , **2009**, 13, 251-253	3.8	4
47	Non-coherent Receivers for Orthogonal Space-Time CPM. *IEICE Transactions on Communications*, **2009**, E92-B, 2072-2084	0.5	1
46	Multiple antenna MMSE based downlink precoding with quantized feedback or channel mismatch. *IEEE Transactions on Communications*, **2008**, 56, 1859-1868	6.9	73
45	On the delay performance in multi-antenna wireless networks using contention-based feedback. *IEEE Transactions on Communications*, **2008**, 56, 1769-1774	6.9	2
44	On the Capacity and Design of Limited Feedback Multiuser MIMO Uplinks. *IEEE Transactions on Information Theory*, **2008**, 54, 4712-4724	2.8	7
43	Exploiting limited feedback in tomorrow's wireless communication networks. *IEEE Journal on Selected Areas in Communications*, **2008**, 26, 1337-1340	14.2	13
42	An overview of limited feedback in wireless communication systems. *IEEE Journal on Selected Areas in Communications*, **2008**, 26, 1341-1365	14.2	824
41	Capacity Limits of Multiple Antenna Multicasting Using Antenna Subset Selection. *IEEE Transactions on Signal Processing*, **2008**, 56, 2524-2534	4.8	41

40	Utilizing temporal correlation in multiuser MIMO feedback **2008**,		8
39	On resource allocation in two-way limited feedback beamforming systems **2008**,		4
38	Recursive covariance design for multiple antenna physical layer multicasting **2008**,		3
37	Throughput delay tradeoff for wireless multicast using hybrid-ARQ protocols **2008**,		4
36	User Selection With Zero-Forcing Beamforming Achieves the Asymptotically Optimal Sum Rate. *IEEE Transactions on Signal Processing*, **2008**, 56, 3713-3726	4.8	49
35	Differential Rotation Feedback MIMO System for Temporally Correlated Channels **2008**,		16
34	Limited Feedback Beamforming Codebook Design for Dual-Polarized MIMO Channels **2008**,		5
33	On the performance of random vector quantization limited feedback beamforming in a MISO system. *IEEE Transactions on Wireless Communications*, **2007**, 6, 458-462	9.6	313
32	Precoding for Multiple Antenna Gaussian Broadcast Channels With Successive Zero-Forcing. *IEEE Transactions on Signal Processing*, **2007**, 55, 3837-3850	4.8	84
31	Minimizing the Number of Dropped Users in MIMO Multicasting Channels **2007**,		2
30	On Scheduling for Multiple-Antenna Wireless Networks Using Contention-Based Feedback. *IEEE Transactions on Communications*, **2007**, 55, 1174-1190	6.9	21
29	Reduced Feedback MIMO-OFDM Precoding and Antenna Selection. *IEEE Transactions on Signal Processing*, **2007**, 55, 2284-2293	4.8	56
28	User Selection for the MIMO Broadcast Channel with a Fairness Constraint **2007**,		7
27	Multiple Antenna Broadcast Channels With Shape Feedback and Limited Feedback. *IEEE Transactions on Signal Processing*, **2007**, 55, 3417-3428	4.8	125
26	A Simple Multiuser and Single-User Dual-Mode Downlink System with Limited Feedback **2007**,		4
25	Partial Channel State Information Unitary Precoding and Codebook Design for MIMO Broadcast Systems **2007**,		6
24	Simplified Spatial Correlation Models for Clustered MIMO Channels With Different Array Configurations. *IEEE Transactions on Vehicular Technology*, **2007**, 56, 1924-1934	6.8	143
23	Limited feedback diversity techniques for correlated channels. *IEEE Transactions on Vehicular Technology*, **2006**, 55, 718-722	6.8	104

22	Feedback rate-capacity loss tradeoff for limited feedback MIMO systems. *IEEE Transactions on Information Theory*, **2006**, 52, 2190-2202	2.8	46
21	SPCp1-05: On Some Techniques for Reducing the Feedback Requirement in Precoded MIMO-OFDM. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		2
20	WLC42-2: Spatial Multiplexing with Opportunistic Scheduling for Multiuser MIMO-OFDM Systems. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		2
19	Precoding for Multiple Antenna Broadcast Channels with Channel Mismatch **2006**,		1
18	WLC26-2: Limited Feedback in Multiple Antenna Broadcast Channels. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		3
17	Duplex distortion models for limited feedback MIMO communication. *IEEE Transactions on Signal Processing*, **2006**, 54, 766-774	4.8	27
16	Low Complexity Adaptive Design for Full-Diversity Full-Rate Space-Time Codes. *IEEE Transactions on Signal Processing*, **2006**, 54, 3180-3189	4.8	2
15	A Weighted Least Squares Approach to Precoding With Pilots for MIMO-OFDM. *IEEE Transactions on Signal Processing*, **2006**, 54, 4067-4073	4.8	10
14	Improved space-time coding for multiple antenna multicasting **2006**,		2
13	Feedback Techniques for MIMO Channels. *Electrical Engineering and Applied Signal Processing Series* , **2006**, 113-146		1
12	Multimode antenna selection for spatial multiplexing systems with linear receivers. *IEEE Transactions on Signal Processing*, **2005**, 53, 3042-3056	4.8	138
11	Multimode precoding for MIMO wireless systems. *IEEE Transactions on Signal Processing*, **2005**, 53, 3674-3687	4.8	104
10	Necessary and sufficient conditions for full diversity order in correlated Rayleigh fading beamforming and combining systems. *IEEE Transactions on Wireless Communications*, **2005**, 4, 20-23	9.6	42
9	OFDM power loading using limited feedback. *IEEE Transactions on Vehicular Technology*, **2005**, 54, 1773-1780	6.8	55
8	Limited feedback unitary precoding for spatial multiplexing systems. *IEEE Transactions on Information Theory*, **2005**, 51, 2967-2976	2.8	418
7	On the probability of error of antenna-subset selection with space-time block codes. *IEEE Transactions on Communications*, **2005**, 53, 1799-1803	6.9	31
6	Space-time Chase decoding. *IEEE Transactions on Wireless Communications*, **2005**, 4, 2035-2039	9.6	16
5	Diversity performance of precoded orthogonal space-time block codes using limited feedback. *IEEE Communications Letters*, **2004**, 8, 305-307	3.8	16

4	. *IEEE Transactions on Information Theory*, **2003**, 49, 2735-2747	2.8	868
3	Equal gain transmission in multiple-input multiple-output wireless systems. *IEEE Transactions on Communications*, **2003**, 51, 1102-1110	6.9	193
2	Corrections to "Equal gain transmission in multiple-input multiple-output wireless systems". *IEEE Transactions on Communications*, **2003**, 51, 1613-1613	6.9	1
1	Millimeter Wave Communications for 5G Networks188-213		0