Hamid Jafarkhani

List of Publications by Year
in descending order

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220 papers	15,070 citations	136950 32 h-index	24982 109 g-index
221 all docs	221 docs citations	221 times ranked	5192 citing authors

#	Article	IF	Citations
1	Space-time block codes from orthogonal designs. IEEE Transactions on Information Theory, 1999, 45, 1456-1467.	2.4	5,628
2	Space-time block coding for wireless communications: performance results. IEEE Journal on Selected Areas in Communications, 1999, 17, 451-460.	14.0	1,484
3	A quasi-orthogonal space-time block code. IEEE Transactions on Communications, 2001, 49, 1-4.	7.8	1,099
4	A differential detection scheme for transmit diversity. IEEE Journal on Selected Areas in Communications, 2000, 18, 1169-1174.	14.0	676
5	Single and multiple relay selection schemes and their achievable diversity orders. IEEE Transactions on Wireless Communications, 2009, 8, 1414-1423.	9.2	576
6	A combined deep-learning and deformable-model approach to fully automatic segmentation of the left ventricle in cardiac MRI. Medical Image Analysis, 2016, 30, 108-119.	11.6	471
7	Network Beamforming Using Relays With Perfect Channel Information. IEEE Transactions on Information Theory, 2009, 55, 2499-2517.	2.4	350
8	Using Orthogonal and Quasi-Orthogonal Designs in Wireless Relay Networks. IEEE Transactions on Information Theory, 2007, 53, 4106-4118.	2.4	246
9	Multiple transmit antenna differential detection from generalized orthogonal designs. IEEE Transactions on Information Theory, 2001, 47, 2626-2631.	2.4	236
10	On the computation and reduction of the peak-to-average power ratio in multicarrier communications. IEEE Transactions on Communications, 2000, 48, 37-44.	7.8	217
11	Super-orthogonal space-time trellis codes. IEEE Transactions on Information Theory, 2003, 49, 937-950.	2.4	206
12	Comparison of different methods of classification in subband coding of images. IEEE Transactions on Image Processing, 1997, 6, 1473-1486.	9.8	141
13	Multiple-description video coding using motion-compensated temporal prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2002, 12, 193-204.	8.3	121
14	Distributed differential space-time coding for wireless relay networks. IEEE Transactions on Communications, 2008, 56, 1092-1100.	7.8	119
15	Automatic segmentation of the right ventricle from cardiac MRI using a learningâ€based approach. Magnetic Resonance in Medicine, 2017, 78, 2439-2448.	3.0	115
16	Network Beamforming using Relays with Perfect Channel Information. , 2007, , .		111
17	Distributed beamforming in wireless relay networks with quantized feedback. IEEE Journal on Selected Areas in Communications, 2008, 26, 1429-1439.	14.0	110
18	Cooperative Jamming and Power Allocation for Wireless Relay Networks in Presence of Eavesdropper. , 2011, , .		85

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19	Covert Wireless Communication With a Poisson Field of Interferers. IEEE Transactions on Wireless Communications, 2018, 17, 6005-6017.	9.2	84
20	Super-quasi-orthogonal space-time trellis codes for four transmit antennas. IEEE Transactions on Wireless Communications, 2005, 4, 215-227.	9.2	71
21	Multiuser Interference Cancellation and Detection for Users with More Than Two Transmit Antennas. IEEE Transactions on Communications, 2008, 56, 574-583.	7.8	71
22	A reconfigurable multiple-input multiple-output communication system. IEEE Transactions on Wireless Communications, 2008, 7, 1719-1733.	9.2	70
23	Multiple-Antenna Interference Cancellation and Detection for Two Users Using Quantized Feedback. IEEE Transactions on Wireless Communications, 2011, 10, 154-163.	9.2	70
24	Sensor Deployment With Limited Communication Range in Homogeneous and Heterogeneous Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2016, 15, 6771-6784.	9.2	65
25	Linear Decentralized Estimation of Correlated Data for Power-Constrained Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2012, 60, 6003-6016.	5.3	61
26	Novel Transmit Beamforming Schemes for Time-Selective Fading Multiantenna Systems. IEEE Transactions on Signal Processing, 2006, 54, 4767-4781.	5.3	52
27	Quasi-Orthogonal Space-Frequency and Space-Time-Frequency Block Codes for MIMO OFDM Channels. IEEE Transactions on Wireless Communications, 2008, 7, 184-192.	9.2	49
28	Combining Beamforming and Space-Time Coding Using Quantized Feedback. IEEE Transactions on Wireless Communications, 2008, 7, 898-908.	9.2	44
29	A 3-D Active Contour Method for Automated Segmentation of the Left Ventricle From Magnetic Resonance Images. IEEE Transactions on Biomedical Engineering, 2017, 64, 134-144.	4.2	44
30	Movement-Efficient Sensor Deployment in Wireless Sensor Networks With Limited Communication Range. IEEE Transactions on Wireless Communications, 2019, 18, 3469-3484.	9.2	44
31	Distributed Beamforming in Wireless Multiuser Relay-Interference Networks With Quantized Feedback. IEEE Transactions on Information Theory, 2012, 58, 4538-4576.	2.4	43
32	An improvement to multiple description transform coding. IEEE Transactions on Signal Processing, 2002, 50, 2843-2854.	5.3	38
33	Power Optimization of Wireless Media Systems With Space-Time Block Codes. IEEE Transactions on Image Processing, 2004, 13, 873-884.	9.8	38
34	Energy-Efficient Node Deployment in Heterogeneous Two-Tier Wireless Sensor Networks With Limited Communication Range. IEEE Transactions on Wireless Communications, 2021, 20, 40-55.	9.2	37
35	Performance analysis of multiple antenna multi-user detection. , 2009, , .		33
36	mmWave Amplify-and-Forward MIMO Relay Networks With Hybrid Precoding/Combining Design. IEEE Transactions on Wireless Communications, 2020, 19, 1333-1346.	9.2	32

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37	Wireless Secure Communication With Beamforming and Jamming in Time-Varying Wiretap Channels. IEEE Transactions on Information Forensics and Security, 2018, 13, 2087-2100.	6.9	31
38	Artificial intelligence in pediatric and adult congenital cardiac MRI: an unmet clinical need. Cardiovascular Diagnosis and Therapy, 2019, 9, S310-S325.	1.7	31
39	Fullyâ€‘automated deepâ€‘learning segmentation of pediatric cardiovascular magnetic resonance of patients with complex congenital heart diseases. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 80.	3.3	31
40	Decentralized Estimation Under Correlated Noise. IEEE Transactions on Signal Processing, 2014, 62, 5603-5614.	5.3	30
41	When Alamouti codes meet interference alignment: Transmission schemes for two-user X channel. , 2011, , .		29
42	Combining Beamforming and Space-Time Coding Using Noisy Quantized Feedback. IEEE Transactions on Communications, 2009, 57, 1280-1286.	7.8	28
43	Multiple-Antenna Interference Cancellation and Detection for Two Users Using Precoders. IEEE Journal on Selected Topics in Signal Processing, 2009, 3, 1066-1078.	10.8	28
44	Multi-User Analog Beamforming in Millimeter Wave MIMO Systems Based on Path Angle Information. IEEE Transactions on Wireless Communications, 2019, 18, 608-619.	9.2	28
45	An Analysis of Two-User Uplink Asynchronous Non-orthogonal Multiple Access Systems. IEEE Transactions on Wireless Communications, 2019, 18, 1404-1418.	9.2	27
46	Throughput maximization over slowly fading channels using quantized and erroneous feedback. IEEE Transactions on Communications, 2009, 57, 2528-2533.	7.8	26
47	CTH17-1: Using Orthogonal and Quasi-Orthogonal Designs in Wireless Relay Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	24
48	Optimal Layered Transmission Over Quasi-Static Fading Channels. , 2006, , .		22
49	Successive Transmit Beamforming Algorithms for Multiple-Antenna OFDM Systems. IEEE Transactions on Wireless Communications, 2007, 6, 1512-1522.	9.2	22
50	Space-time-state block coded mimo communication systems using reconfigurable antennas. IEEE Transactions on Wireless Communications, 2009, 8, 6019-6029.	9.2	22
51	MIMO-Assisted MPR-Aware MAC Design for Asynchronous WLANs. IEEE/ACM Transactions on Networking, 2011, 19, 1652-1665.	3.8	22
52	Space-Time Processing for X Channels Using Precoders. IEEE Transactions on Signal Processing, 2012, 60, 1849-1861.	5.3	22
53	Differential Distributed Space-Time Coding With Imperfect Synchronization in Frequency-Selective Channels. IEEE Transactions on Wireless Communications, 2015, 14, 1811-1822.	9.2	22
54	Performance evaluation of super-orthogonal space-time trellis codes using a moment generating function-based approach. IEEE Transactions on Signal Processing, 2003, 51, 2739-2751.	5.3	21

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55	Rate and Power Allocation for Layered Transmission With Superposition Coding. IEEE Signal Processing Letters, 2007, 14, 773-776.	3.6	21
56	Optimal Deployments of UAVs With Directional Antennas for a Power-Efficient Coverage. IEEE Transactions on Communications, 2020, 68, 5159-5174.	7.8	21
57	A multifunctional mems-reconfigurable pixel antenna for narrowband MIMO communications. , 2007, , .		20
58	Optimal Use of Antennas in Interference Networks: A Tradeoff between Rate, Diversity and Interference Alignment. , 2009, , .		20
59	Interference Cancellation at the Relay for Multi-User Wireless Cooperative Networks. IEEE Transactions on Wireless Communications, 2011, 10, 930-939.	9.2	20
60	Interference Mitigation Using Asynchronous Transmission and Sampling Diversity. , 2016, , .		20
61	Design of channel-optimized vector quantizers in the presence of channel mismatch. IEEE Transactions on Communications, 2000, 48, 118-124.	7.8	19
62	Design of successively refinable trellis-coded quantizers. IEEE Transactions on Information Theory, 1999, 45, 1490-1497.	2.4	18
63	Relay Power Allocation in Distributed Space-Time Coded Networks with Channel Statistical Information. IEEE Transactions on Wireless Communications, 2011, 10, 443-449.	9.2	18
64	Interference Cancellation and Detection for More than Two Users. IEEE Transactions on Communications, 2011, 59, 901-910.	7.8	17
65	Maximum-Rate Transmission With Improved Diversity Gain for Interference Networks. IEEE Transactions on Information Theory, 2013, 59, 5313-5330.	2.4	17
66	Variable-Length Limited Feedback Beamforming in Multiple-Antenna Fading Channels. IEEE Transactions on Information Theory, 2014, 60, 7140-7165.	2.4	17
67	Layered media multicast control (LMMC): rate allocation and partitioning. IEEE/ACM Transactions on Networking, 2005, 13, 540-553.	3.8	16
68	Spaceâ€“Time Trellis Codes Based on Channel-Phase Feedback. IEEE Transactions on Communications, 2006, 54, 2186-2198.	7.8	16
69	Transmission Over Slowly Fading Channels Using Unreliable Quantized Feedback. , 2007, , .		16
70	Secure space-time block coding via artificial noise alignment. , 2011, , .		16
71	Full-Reference Quality Estimation for Images With Different Spatial Resolutions. IEEE Transactions on Image Processing, 2014, 23, 2069-2080.	9.8	16
72	Low-Complexity Reconfigurable MIMO for Millimeter Wave Communications. IEEE Transactions on Communications, 2018, 66, 5278-5291.	7.8	16

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73	A New Reconfigurable Antenna MIMO Architecture for mmWave Communication. , 2018, , .		16
74	On the Capacity of Faster Than Nyquist Signaling. IEEE Communications Letters, 2020, 24, 1197-1201.	4.1	16
75	Downlink Non-Orthogonal Multiple Access With Limited Feedback. IEEE Transactions on Wireless Communications, 2017, 16, 6151-6164.	9.2	15
76	A Source Coding Perspective on Node Deployment in Two-Tier Networks. IEEE Transactions on Communications, 2018, 66, 3035-3049.	7.8	15
77	Enhanced Spectrum Sharing and Cognitive Radio Using Asynchronous Primary and Secondary Users. IEEE Communications Letters, 2018, 22, 832-835.	4.1	14
78	On the Sub-Packetization Size and the Repair Bandwidth of Reed-Solomon Codes. IEEE Transactions on Information Theory, 2019, 65, 5484-5502.	2.4	14
79	Using Quantization to Deploy Heterogeneous Nodes in Two-Tier Wireless Sensor Networks. , 2019, , .		14
80	Improving NOMA Multi-Carrier Systems With Intentional Frequency Offsets. IEEE Wireless Communications Letters, 2019, 8, 1060-1063.	5.0	14
81	Differential Super-Orthogonal Space-Time Trellis Codes. IEEE Transactions on Wireless Communications, 2006, 5, 3634-3643.	9.2	13
82	UAV-aided cross-layer routing for MANETs. , 2012, , .		13
83	Generalizable fully automated multi-label segmentation of four-chamber view echocardiograms based on deep convolutional adversarial networks. Journal of the Royal Society Interface, 2020, 17, 20200267.	3.4	13
84	Asynchronous Transmission for Multiple Access Channels: Rate-Region Analysis and System Design for Uplink NOMA. IEEE Transactions on Wireless Communications, 2021, 20, 4364-4378.	9.2	13
85	Beamforming in wireless relay networks. , 2008, , .		12
86	Asynchronous Orthogonal Differential Decoding for Multiple Access Channels. IEEE Transactions on Wireless Communications, 2015, 14, 481-493.	9.2	12
87	On the Minimum Average Distortion of Quantizers With Index-Dependent Distortion Measures. IEEE Transactions on Signal Processing, 2017, 65, 4655-4669.	5.3	12
88	A tradeoff between the sub-packetization size and the repair bandwidth for reed-solomon code. , 2017, , .		12
89	Energy-Efficient Deployment in Static and Mobile Heterogeneous Multi-Hop Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2022, 21, 4973-4988.	9.2	12
90	Outage Behavior of Slow Fading Channels With Power Control Using Partial and Erroneous CSIT. IEEE Transactions on Information Theory, 2010, 56, 6097-6102.	2.4	11

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91	Multicast Networks With Variable-Length Limited Feedback. IEEE Transactions on Wireless Communications, 2015, 14, 252-264.	9.2	11
92	Movement-Efficient Sensor Deployment in Wireless Sensor Networks. , 2018, , .		11
93	MOCZ for Blind Short-Packet Communication: Practical Aspects. IEEE Transactions on Wireless Communications, 2020, 19, 6675-6692.	9.2	11
94	An Efficient Progressive Bitstream Transmission System for Hybrid Channels With Memory. IEEE Transactions on Multimedia, 2006, 8, 1291-1298.	7.2	10
95	Computer design of super-orthogonal space-time trellis codes. IEEE Transactions on Wireless Communications, 2007, 6, 463-467.	9.2	10
96	An optimal power-throughput tradeoff study for MIMO fading ad-hoc networks. Journal of Communications and Networks, 2010, 12, 334-345.	2.6	10
97	Exploiting Asynchronous Signaling for Multiuser Cooperative Networks with Analog Network Coding. , 2017, , .		10
98	Joint Beamwidth and Power Optimization in MmWave Hybrid Beamforming-NOMA Systems. IEEE Transactions on Wireless Communications, 2021, 20, 2442-2456.	9.2	10
99	Reconfigurable Intelligent Surface Assisted mmWave UAV Wireless Cellular Networks. , 2021, , .		10
100	Multiuser Interference Cancellation and Detection for Users with Four Transmit Antennas. , 2006, , .		9
101	Distortion optimal transmission of multi-layered FGS video over wireless channels. IEEE Journal on Selected Areas in Communications, 2010, 28, 510-519.	14.0	9
102	Linear Estimation of Correlated Vector Sources for Wireless Sensor Networks with Fusion Center. IEEE Wireless Communications Letters, 2012, 1, 400-403.	5.0	9
103	Interleaving training and limited feedback for point-to-point massive multiple-antenna systems. , 2015, , .		9
104	Exploiting Asynchronous Amplify-and-Forward Relays to Enhance the Performance of IEEE 802.11 Networks. IEEE/ACM Transactions on Networking, 2015, 23, 479-490.	3.8	9
105	Space-Time Super-Modulation: Concept, Design Rules, and Its Application to Joint Medium Access and Rateless Transmission. IEEE Transactions on Wireless Communications, 2017, 16, 8275-8288.	9.2	9
106	Time Asynchronous NOMA for Downlink Transmission. , 2019, , .		9
107	Low-Complexity Dynamic Resource Scheduling for Downlink MC-NOMA Over Fading Channels. IEEE Transactions on Wireless Communications, 2022, 21, 3536-3550.	9.2	9
108	The impacts of physical layer parameters on the connectivity of ad-hoc networks. , 2006, , .		8

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109	Quasi-Orthogonal Space-Time-Frequency Trellis Codes for Two Transmit Antennas. IEEE Transactions on Wireless Communications, 2010, 9, 2125-2129.	9.2	8
110	Multi-User Downlink System Design with Bright Transmitters and Blind Receivers. IEEE Transactions on Wireless Communications, 2012, 11, 4074-4084.	9.2	8
111	Asynchronous Channel Training in Massive MIMO Systems. , 2016, , .		8
112	Asynchronous Network Coding for Multiuser Cooperative Communications. IEEE Transactions on Wireless Communications, 2017, 16, 8250-8260.	9.2	8
113	Energy efficiency in two-tiered wireless sensor networks. , 2017, , .		8
114	Exploiting Time Asynchrony in Multi-User Transmit Beamforming. IEEE Transactions on Wireless Communications, 2020, 19, 3156-3169.	9.2	8
115	Design rules for extended super-orthogonal space-time trellis codes. Canadian Conference on Electrical and Computer Engineering, 2008, , .	0.0	7
116	Multisource Transmission for Wireless Relay Networks With Linear Complexity. IEEE Transactions on Signal Processing, 2011, 59, 2898-2912.	5.3	7
117	A Statistical Study of Loss-Delay Tradeoff for RED Queues. IEEE Transactions on Communications, 2012, 60, 1966-1974.	7.8	7
118	CTH07-2: Design of Multi-Antenna Coded Modulators Using Noisy Quantized Channel State Information. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	6
119	Optimal Rate and Power Allocation for Layered Transmission with Superposition Coding. , 2007, , .		6
120	A Unified Framework for Layered Transmission Over Fading and Packet Erasure Channels. IEEE Transactions on Communications, 2008, 56, 565-573.	7.8	6
121	A Systematic Distributed Quantizer Design Method with an Application to MIMO Broadcast Channels. , 2010, , .		6
122	Interference Cancellation at the Relay in Two User Wireless Relay Networks. , 2010, , .		6
123	Performance of H.264 with isolated bit error: Packet decode or discard?. , 2011, , .		6
124	Relay Assignment in Multiple Source-Destination Cooperative Networks With Limited Feedback. IEEE Transactions on Wireless Communications, 2014, 13, 5741-5751.	9.2	6
125	Delay-Limited and Ergodic Capacities of MIMO Channels With Limited Feedback. IEEE Transactions on Communications, 2016, 64, 3683-3696.	7.8	6
126	Interleaving Channel Estimation and Limited Feedback for Point-to-Point Systems With a Large Number of Transmit Antennas. IEEE Transactions on Wireless Communications, 2018, 17, 6762-6774.	9.2	6

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127	On Uplink Asynchronous Non-Orthogonal Multiple Access Systems with Timing Error. , 2018, , .		6
128	Energy-Efficient Node Deployment in Wireless Ad-hoc Sensor Networks. , 2020, , .		6
129	Repairing Reed-Solomon Codes Over $GF(2^ell)$. IEEE Communications Letters, 2020, 24, 34-37.	4.1	6
130	Distributed and Quantized Online Multi-Kernel Learning. IEEE Transactions on Signal Processing, 2021, 69, 5496-5511.	5.3	6
131	Transmission of Progressive Images Over Noisy Channels: An End-to-End Statistical Optimization Framework. IEEE Journal on Selected Topics in Signal Processing, 2008, 2, 220-231.	10.8	5
132	Differential Quasi-Orthogonal Space-Frequency Trellis Codes. IEEE Transactions on Wireless Communications, 2010, 9, 3620-3624.	9.2	5
133	Orthogonal Differential Modulation for MIMO Multiple Access Channels with Two Users. IEEE Transactions on Communications, 2013, 61, 2374-2384.	7.8	5
134	Very Low-Rate Variable-Length Channel Quantization for Minimum Outage Probability. , 2013, , .		5
135	High SNR Linear Estimation of Vector Sources. IEEE Wireless Communications Letters, 2014, 3, 581-584.	5.0	5
136	On the Minimum Distortion of Quantizers with Heterogeneous Reproduction Points. , 2016, , .		5
137	Joint routing, scheduling and power control for large interference wireless networks. Journal of Communications and Networks, 2017, 19, 416-425.	2.6	5
138	Outage-Optimized Multicast Beamforming With Distributed Limited Feedback. IEEE Transactions on Wireless Communications, 2017, 16, 2069-2082.	9.2	5
139	On the Performance of MRC Receiver with Unknown Timing Mismatch-A Large Scale Analysis. , 2018, , .		5
140	On Analog QAM Demodulation for Millimeter-Wave Communications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 402-406.	3.0	5
141	On the I/O Costs in Repairing Short-Length Reed-Solomon Codes. , 2019, , .		5
142	Trellis-Coded Non-Orthogonal Multiple Access. IEEE Wireless Communications Letters, 2020, 9, 538-542.	5.0	5
143	Optimal 3D-UAV Trajectory and Resource Allocation of DL UAV-GE Links with Directional Antennas. , 2020, , .		5
144	Novel Transmit Beamforming Schemes for Time-Varying Fading Channels. , 2006, , .		4

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145	Novel Successive Transmit Beamforming Algorithms for MISO-OFDM Systems. , 2006, , .		4
146	Joint Source-Channel Coding for Quasi-Static Fading Channels with Quantized Feedback. , 2007, , .		4
147	Joint Source-Channel Coding for Quasi-Static Fading Channels with Noisy Quantized Feedback. , 2007, , .		4
148	Space-Time Block Coded Reconfigurable MIMO Communication System Using ORIOL Antennas. , 2008, , .		4
149	Using Quantized Feedback to Cancel Interference in Multiple Access Channels. , 2010, , .		4
150	Performance Evaluation of a MIMO-Assisted MPR-MAC over Lossy Channels. IEEE Transactions on Wireless Communications, 2011, 10, 396-400.	9.2	4
151	Towards the feasibility conditions for linear interference alignment with symbol extensions: A diversity constraint. , 2012, , .		4
152	Quality estimation for images and video with different spatial resolutions. , 2012, , .		4
153	Differential distributed space-time coding with imperfect synchronization. , 2014, , .		4
154	Cooperative Quantization for Two-UserInterference Channels. IEEE Transactions on Communications, 2015, 63, 2698-2712.	7.8	4
155	Quantizers with Parameterized Distortion Measures. , 2019, , .		4
156	A High-Diversity Transceiver Design for MISO Broadcast Channels. IEEE Transactions on Wireless Communications, 2019, 18, 2591-2606.	9.2	4
157	Downlink Asynchronous Non-Orthogonal Multiple Access With Quantizer Optimization. IEEE Wireless Communications Letters, 2020, 9, 1606-1610.	5.0	4
158	Cooperative Asynchronous Non-Orthogonal Multiple Access With Power Minimization Under QoS Constraints. IEEE Transactions on Wireless Communications, 2020, 19, 1503-1518.	9.2	4
159	Low-Complexity Joint User and Power Scheduling for Downlink NOMA Over Fading Channels. , 2021, , .		4
160	Quasi-Orthogonal Space-Frequency Block Codes for MIMO OFDM Channels. , 2006, , .		3
161	Layered Media Multicast Control (LMMC): Real-Time Error Control. IEEE Transactions on Multimedia, 2006, 8, 1219-1227.	7.2	3
162	Wireless Video Transmission: A Distortion-Optimal Approach. Proceedings of the Data Compression Conference, 2008, , .	0.0	3

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163	State-Selection in a Space-Time-State Block Coded MIMO Communication System Using Reconfigurable PIXEL Antennas. , 2008, , .		3
164	Global Optimal Routing, Scheduling and Power Control for Multi-Hop Wireless Networks with Interference. , 2008, , .		3
165	Full reference video quality estimation for videos with different spatial resolutions. , 2014, , .		3
166	Sensor Deployment in Heterogeneous Wireless Sensor Networks. , 2016, , .		3
167	Space-Time Super-Modulation and Its Application to Joint Medium Access and Rateless Transmission. , 2016, , .		3
168	Two-user downlink non-orthogonal multiple access with limited feedback. , 2017, , .		3
169	Millimeter Wave Communications with Reconfigurable Antennas. , 2018, , .		3
170	Hybrid Precoding/Combining Design in mmWave Amplify-and-Forward MIMO Relay Networks. , 2019, , .		3
171	Asynchronous Local Construction of Bounded-Degree Network Topologies Using Only Neighborhood Information. IEEE Transactions on Communications, 2019, 67, 2101-2113.	7.8	3
172	On the Deployment Problem in Cell-Free UAV Networks. , 2021, , .		3
173	Space-Time Coding and Beamforming Using Noisy Rate-Limited Feedback. , 2006, , .		2
174	Rate and Power Adaptation Over Slow Fading Channels With Noisy Quantized Feedback. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	2
175	Outage Behavior of Quasi-Static Fading Channels with Partial Power Control and Noisy Feedback. , 2007, , .		2
176	Improved Detection of Differential Space-Time Block Codes. , 2007, , .		2
177	Resource Allocation Algorithms with Reduced Complexity in MIMO Multi-Hop Fading Channels. , 2009, , .		2
178	Transmission Schemes for Two-User Linear Multi-Access Relay Networks. , 2010, , .		2
179	Dual Alamouti Codes. , 2011, , .		2
180	On the Structure of Limited-Feedback Beamforming Codebooks for Amplify-and-Forward Relay Networks. IEEE Transactions on Information Theory, 2012, 58, 2874-2895.	2.4	2

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181	Selection diversity for interference alignment systems. , 2013, , .		2
182	Distributed detection for wireless sensor networks with fusion center under correlated noise. , 2014, , .		2
183	Distributed channel quantization for two-user interference networks. , 2014, , .		2
184	Full-Reference Video Quality Estimation for Videos With Different Spatial Resolutions. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1988-2000.	8.3	2
185	Spaceâ€“Time Signal Design for Multilevel Polar Coding in Slow Fading Broadcast Channels. IEEE Transactions on Communications, 2019, 67, 5940-5952.	7.8	2
186	A Block-Based Non-Orthogonal Multicarrier Scheme. , 2019, , .		2
187	Downlink Asynchronous Non-Orthogonal Multiple Access Systems with Imperfect Channel Information. , 2019, , .		2
188	Prospect of artificial intelligence for the assessment of cardiac function and treatment of cardiovascular disease. Future Cardiology, 2021, 17, 183-187.	1.2	2
189	A Low Complexity Progressive Bitstream Transmission System for Hybrid Channels with Correlated Loss. , 2006, , .		1
190	A Performance Evaluation of H.264 FGS Sequences over Hybrid Networks. , 2008, , .		1
191	Beamforming in Wireless Relay-Interference Networks with Quantized Feedback. , 2009, , .		1
192	Linear decentralized estimation of correlated data for wireless sensor networks. , 2011, , .		1
193	Image quality estimation for different spatial resolutions. , 2013, , .		1
194	Variable-length channel quantizers for maximum diversity and array gains. , 2013, , .		1
195	Delay-limited capacity of MIMO channels with limited feedback. , 2014, , .		1
196	Outage-optimized distributed quantizers for multicast beamforming. , 2016, , .		1
197	Amplify-and-Forward Relay Networks With Variable-Length Limited Feedback. IEEE Transactions on Wireless Communications, 2016, 15, 7725-7737.	9.2	1
198	Local Construction of Bounded-Degree Network Topologies Using Only Neighborhood Information. , 2017, , .		1

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199	Robust Multi-User Analog Beamforming in mmWave MIMO Systems. , 2018, , .		1
200	Improved Cognitive Radio Receivers Using Timing Mismatch of Primary and Secondary Users. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 948-952.	3.0	1
201	mmWave Lens-Based MIMO System for Suppressing Small-Scale Fading and Shadowing. IEEE Transactions on Wireless Communications, 2020, 19, 5292-5306.	9.2	1
202	On the Duality of Layered Transmission for Fading and Packet Erasure Channels. , 2006, , .		0
203	An Exact Solution to an Approximated Model of RED. , 2007, , .		0
204	Punctured super-orthogonal space-time trellis codes. IEEE Transactions on Wireless Communications, 2007, 6, 4494-4503.	9.2	0
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206	Wireless video transmission: A single layer distortion optimal approach. , 2009, , .		0
207	On relay-interference networks with quantized feedback. , 2010, , .		0
208	How to Lower Congestion with Cross-Layer MPR-PHY/MAC Design?. , 2011, , .		0
209	The necessity of relay selection for beamforming in amplify-and-forward networks. , 2011, , .		0
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