

Hamid Jafarkhani

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185
papers

9,705
citations

29
h-index

97
g-index

221
ext. papers

13,479
ext. citations

6.4
avg, IF

6.67
L-index

#	Paper	IF	Citations
185	Low-Complexity Dynamic Resource Scheduling for Downlink MC-NOMA Over Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	3
184	Energy-Efficient Deployment in Static and Mobile Heterogeneous Multi-Hop Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	2
183	Low-Complexity Joint User and Power Scheduling for Downlink NOMA Over Fading Channels 2021 ,		3
182	Joint Beamwidth and Power Optimization in MmWave Hybrid Beamforming-NOMA Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 2442-2456	9.6	4
181	Reconfigurable Intelligent Surface Assisted mmWave UAV Wireless Cellular Networks 2021 ,		2
180	Asynchronous Transmission for Multiple Access Channels: Rate-Region Analysis and System Design for Uplink NOMA. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 4364-4378	9.6	6
179	Energy-Efficient Node Deployment in Heterogeneous Two-Tier Wireless Sensor Networks With Limited Communication Range. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 40-55	9.6	17
178	Distributed and Quantized Online Multi-kernel Learning. <i>IEEE Transactions on Signal Processing</i> , 2021 , 1-1	4.8	1
177	. <i>IEEE Transactions on Communications</i> , 2021 , 69, 5758-5772	6.9	
176	Optimal Deployments of UAVs With Directional Antennas for a Power-Efficient Coverage. <i>IEEE Transactions on Communications</i> , 2020 , 68, 5159-5174	6.9	9
175	mmWave Lens-Based MIMO System for Suppressing Small-Scale Fading and Shadowing. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 5292-5306	9.6	0
174	Downlink Asynchronous Non-Orthogonal Multiple Access With Quantizer Optimization. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 1606-1610	5.9	0
173	Repairing Reed-Solomon Codes Over $\mathbb{GF}(2^{\ell})$. <i>IEEE Communications Letters</i> , 2020 , 24, 34-37	3.8	4
172	Exploiting Time Asynchrony in Multi-User Transmit Beamforming. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 3156-3169	9.6	6
171	mmWave Amplify-and-Forward MIMO Relay Networks With Hybrid Precoding/Combining Design. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1333-1346	9.6	13
170	Trellis-Coded Non-Orthogonal Multiple Access. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 538-542	5.9	2
169	Cooperative Asynchronous Non-Orthogonal Multiple Access With Power Minimization Under QoS Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1503-1518	9.6	3

168	On the Capacity of Faster Than Nyquist Signaling. <i>IEEE Communications Letters</i> , 2020 , 24, 1197-1201	3.8	11
167	MOCZ for Blind Short-Packet Communication: Practical Aspects. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 6675-6692	9.6	4
166	Fully-automated deep-learning segmentation of pediatric cardiovascular magnetic resonance of patients with complex congenital heart diseases. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 80	6.9	10
165	Generalizable fully automated multi-label segmentation of four-chamber view echocardiograms based on deep convolutional adversarial networks. <i>Journal of the Royal Society Interface</i> , 2020 , 17, 20200267	4.1	7
164	Energy-Efficient Node Deployment in Wireless Ad-hoc Sensor Networks 2020 ,		5
163	Using Quantization to Deploy Heterogeneous Nodes in Two-Tier Wireless Sensor Networks 2019 ,		11
162	. <i>IEEE Transactions on Communications</i> , 2019 , 67, 5940-5952	6.9	2
161	An Analysis of Two-User Uplink Asynchronous Non-orthogonal Multiple Access Systems. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 1404-1418	9.6	17
160	Quantizers with Parameterized Distortion Measures 2019 ,		4
159	Asynchronous Local Construction of Bounded-Degree Network Topologies Using Only Neighborhood Information. <i>IEEE Transactions on Communications</i> , 2019 , 67, 2101-2113	6.9	3
158	Improving NOMA Multi-Carrier Systems With Intentional Frequency Offsets. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1060-1063	5.9	8
157	A High-Diversity Transceiver Design for MISO Broadcast Channels. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 2591-2606	9.6	4
156	On Analog QAM Demodulation for Millimeter-Wave Communications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 402-406	3.5	0
155	On the Sub-Packetization Size and the Repair Bandwidth of Reed-Solomon Codes. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 5484-5502	2.8	8
154	2019 ,		3
153	Movement-Efficient Sensor Deployment in Wireless Sensor Networks With Limited Communication Range. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 3469-3484	9.6	26
152	On the I/O Costs in Repairing Short-Length Reed-Solomon Codes 2019 ,		2
151	Downlink Asynchronous Non-Orthogonal Multiple Access Systems with Imperfect Channel Information 2019 ,		1

150	Artificial intelligence in pediatric and adult congenital cardiac MRI: an unmet clinical need. <i>Cardiovascular Diagnosis and Therapy</i> , 2019 , 9, S310-S325	2.6	19
149	Time Asynchronous NOMA for Downlink Transmission 2019 ,		5
148	Improved Cognitive Radio Receivers Using Timing Mismatch of Primary and Secondary Users. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 948-952	3.5	
147	Multi-User Analog Beamforming in Millimeter Wave MIMO Systems Based on Path Angle Information. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 608-619	9.6	16
146	Enhanced Spectrum Sharing and Cognitive Radio Using Asynchronous Primary and Secondary Users. <i>IEEE Communications Letters</i> , 2018 , 22, 832-835	3.8	9
145	Wireless Secure Communication With Beamforming and Jamming in Time-Varying Wiretap Channels. <i>IEEE Transactions on Information Forensics and Security</i> , 2018 , 13, 2087-2100	8	23
144	A Source Coding Perspective on Node Deployment in Two-Tier Networks. <i>IEEE Transactions on Communications</i> , 2018 , 66, 3035-3049	6.9	10
143	Low-Complexity Reconfigurable MIMO for Millimeter Wave Communications. <i>IEEE Transactions on Communications</i> , 2018 , 66, 5278-5291	6.9	9
142	Movement-Efficient Sensor Deployment in Wireless Sensor Networks 2018 ,		9
141	On Uplink Asynchronous Non-Orthogonal Multiple Access Systems with Timing Error 2018 ,		5
140	Covert Wireless Communication With a Poisson Field of Interferers. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6005-6017	9.6	49
139	A New Reconfigurable Antenna MIMO Architecture for mmWave Communication 2018 ,		12
138	Millimeter Wave Communications with Reconfigurable Antennas 2018 ,		2
137	Robust Multi-User Analog Beamforming in mmWave MIMO Systems 2018 ,		1
136	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6762-6774	9.6	3
135	On the Performance of MRC Receiver with Unknown Timing Mismatch-A Large Scale Analysis 2018 ,		3
134	A 3-D Active Contour Method for Automated Segmentation of the Left Ventricle From Magnetic Resonance Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2017 , 64, 134-144	5	32
133	Automatic segmentation of the right ventricle from cardiac MRI using a learning-based approach. <i>Magnetic Resonance in Medicine</i> , 2017 , 78, 2439-2448	4.4	80

132	. <i>IEEE Transactions on Signal Processing</i> , 2017 , 65, 4655-4669	4.8	11
131	Space-Time Super-Modulation: Concept, Design Rules, and Its Application to Joint Medium Access and Rateless Transmission. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 8275-8288	9.6	7
130	Asynchronous Network Coding for Multiuser Cooperative Communications. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 8250-8260	9.6	7
129	Joint routing, scheduling and power control for large interference wireless networks. <i>Journal of Communications and Networks</i> , 2017 , 19, 416-425	4.1	4
128	Energy efficiency in two-tiered wireless sensor networks 2017 ,		7
127	Exploiting Asynchronous Signaling for Multiuser Cooperative Networks with Analog Network Coding 2017 ,		8
126	Downlink Non-Orthogonal Multiple Access With Limited Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 6151-6164	9.6	13
125	Outage-Optimized Multicast Beamforming With Distributed Limited Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 2069-2082	9.6	3
124	A tradeoff between the sub-packetization size and the repair bandwidth for reed-solomon code 2017 ,		10
123	Full-Reference Video Quality Estimation for Videos With Different Spatial Resolutions. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2016 , 26, 1988-2000	6.4	2
122	Sensor Deployment With Limited Communication Range in Homogeneous and Heterogeneous Wireless Sensor Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 6771-6784	9.6	44
121	Delay-Limited and Ergodic Capacities of MIMO Channels With Limited Feedback. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3683-3696	6.9	4
120	Space-Time Super-Modulation and Its Application to Joint Medium Access and Rateless Transmission 2016 ,		3
119	A combined deep-learning and deformable-model approach to fully automatic segmentation of the left ventricle in cardiac MRI. <i>Medical Image Analysis</i> , 2016 , 30, 108-119	15.4	368
118	Interference Mitigation Using Asynchronous Transmission and Sampling Diversity 2016 ,		17
117	Sensor Deployment in Heterogeneous Wireless Sensor Networks 2016 ,		2
116	Asynchronous Channel Training in Massive MIMO Systems 2016 ,		6
115	On the Minimum Distortion of Quantizers with Heterogeneous Reproduction Points 2016 ,		5

114	Amplify-and-Forward Relay Networks With Variable-Length Limited Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 7725-7737	9.6	1
113	Differential Distributed Space-Time Coding With Imperfect Synchronization in Frequency-Selective Channels. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 1811-1822	9.6	18
112	Cooperative Quantization for Two-User Interference Channels. <i>IEEE Transactions on Communications</i> , 2015 , 63, 2698-2712	6.9	3
111	Exploiting Asynchronous Amplify-and-Forward Relays to Enhance the Performance of IEEE 802.11 Networks. <i>IEEE/ACM Transactions on Networking</i> , 2015 , 23, 479-490	3.8	8
110	Multicast Networks With Variable-Length Limited Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 252-264	9.6	7
109	2015 ,		6
108	Asynchronous Orthogonal Differential Decoding for Multiple Access Channels. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 481-493	9.6	11
107	Full-reference quality estimation for images with different spatial resolutions. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 2069-80	8.7	13
106	Variable-Length Limited Feedback Beamforming in Multiple-Antenna Fading Channels. <i>IEEE Transactions on Information Theory</i> , 2014 , 60, 7140-7165	2.8	10
105	Decentralized Estimation Under Correlated Noise. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 5603-5614	4.8	23
104	Relay Assignment in Multiple Source-Destination Cooperative Networks With Limited Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 5741-5751	9.6	5
103	Full reference video quality estimation for videos with different spatial resolutions 2014 ,		3
102	Differential distributed space-time coding with imperfect synchronization 2014 ,		2
101	High SNR Linear Estimation of Vector Sources. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 581-584	5.9	4
100	Maximum-Rate Transmission With Improved Diversity Gain for Interference Networks. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 5313-5330	2.8	10
99	Orthogonal Differential Modulation for MIMO Multiple Access Channels with Two Users. <i>IEEE Transactions on Communications</i> , 2013 , 61, 2374-2384	6.9	4
98	Space-Time Code Design for Multiple-Access Channels With Quantized Feedback. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 507-512	4.8	
97	Image quality estimation for different spatial resolutions 2013 ,		1

96	Very Low-Rate Variable-Length Channel Quantization for Minimum Outage Probability 2013 ,		2
95	A Statistical Study of Loss-Delay Tradeoff for RED Queues. <i>IEEE Transactions on Communications</i> , 2012 , 60, 1966-1974	6.9	5
94	On the Structure of Limited-Feedback Beamforming Codebooks for Amplify-and-Forward Relay Networks. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 2874-2895	2.8	2
93	Distributed Beamforming in Wireless Multiuser Relay-Interference Networks With Quantized Feedback. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 4538-4576	2.8	27
92	Multi-User Downlink System Design with Bright Transmitters and Blind Receivers. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 4074-4084	9.6	4
91	Linear Estimation of Correlated Vector Sources for Wireless Sensor Networks with Fusion Center. <i>IEEE Wireless Communications Letters</i> , 2012 , 1, 400-403	5.9	6
90	Linear Decentralized Estimation of Correlated Data for Power-Constrained Wireless Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 6003-6016	4.8	49
89	UAV-aided cross-layer routing for MANETs 2012 ,		12
88	Space-Time Processing for X Channels Using Precoders. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 1849-1861	4.8	14
87	Quality estimation for images and video with different spatial resolutions 2012 ,		4
86	Performance Evaluation of a MIMO-Assisted MPR-MAC over Lossy Channels. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 396-400	9.6	2
85	Cooperative Jamming and Power Allocation for Wireless Relay Networks in Presence of Eavesdropper 2011 ,		68
84	Multiple-Antenna Interference Cancellation and Detection for Two Users Using Quantized Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 154-163	9.6	52
83	Interference Cancellation and Detection for More than Two Users. <i>IEEE Transactions on Communications</i> , 2011 , 59, 901-910	6.9	9
82	Interference Cancellation at the Relay for Multi-User Wireless Cooperative Networks. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 930-939	9.6	16
81	Relay Power Allocation in Distributed Space-Time Coded Networks with Channel Statistical Information. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 443-449	9.6	12
80	. <i>IEEE/ACM Transactions on Networking</i> , 2011 , 19, 1652-1665	3.8	16
79	Performance of H.264 with isolated bit error: Packet decode or discard? 2011 ,		4

78	When Alamouti codes meet interference alignment: Transmission schemes for two-user X channel 2011,		13
77	Secure space-time block coding via artificial noise alignment 2011,		13
76	Linear decentralized estimation of correlated data for wireless sensor networks 2011,		1
75	Multisource Transmission for Wireless Relay Networks With Linear Complexity. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 2898-2912	4.8	6
74	A Systematic Distributed Quantizer Design Method with an Application to MIMO Broadcast Channels 2010,		2
73	Quasi-Orthogonal Space-Time-Frequency Trellis Codes for Two Transmit Antennas. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 2125-2129	9.6	3
72	Distortion optimal transmission of multi-layered FGS video over wireless channels. <i>IEEE Journal on Selected Areas in Communications</i> , 2010 , 28, 510-519	14.2	5
71	2010,		2
70	Differential Quasi-Orthogonal Space-Frequency Trellis Codes. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 3620-3624	9.6	2
69	An optimal power-throughput tradeoff study for MIMO fading ad-hoc networks. <i>Journal of Communications and Networks</i> , 2010 , 12, 334-345	4.1	6
68	Interference Cancellation at the Relay in Two User Wireless Relay Networks 2010,		4
67	Outage Behavior of Slow Fading Channels With Power Control Using Partial and Erroneous CSIT. <i>IEEE Transactions on Information Theory</i> , 2010 , 56, 6097-6102	2.8	8
66	Optimal Use of Antennas in Interference Networks: A Tradeoff between Rate, Diversity and Interference Alignment 2009,		9
65	Resource Allocation Algorithms with Reduced Complexity in MIMO Multi-Hop Fading Channels 2009,		1
64	Network Beamforming Using Relays With Perfect Channel Information. <i>IEEE Transactions on Information Theory</i> , 2009 , 55, 2499-2517	2.8	245
63	Combining Beamforming and Space-Time Coding Using Noisy Quantized Feedback. <i>IEEE Transactions on Communications</i> , 2009 , 57, 1280-1286	6.9	17
62	Throughput maximization over slowly fading channels using quantized and erroneous feedback. <i>IEEE Transactions on Communications</i> , 2009 , 57, 2528-2533	6.9	23
61	Multiple-Antenna Interference Cancellation and Detection for Two Users Using Precoders. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2009 , 3, 1066-1078	7.5	17

60	Single and multiple relay selection schemes and their achievable diversity orders. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 1414-1423	9.6	437
59	Performance analysis of multiple antenna multi-user detection 2009 ,		22
58	Space-time-state block coded mimo communication systems using reconfigurable antennas. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 6019-6029	9.6	17
57	Multuser Interference Cancellation and Detection for Users with More Than Two Transmit Antennas. <i>IEEE Transactions on Communications</i> , 2008 , 56, 574-583	6.9	58
56	A Unified Framework for Layered Transmission Over Fading and Packet Erasure Channels. <i>IEEE Transactions on Communications</i> , 2008 , 56, 565-573	6.9	3
55	Distributed differential space-time coding for wireless relay networks. <i>IEEE Transactions on Communications</i> , 2008 , 56, 1092-1100	6.9	88
54	Transmission of Progressive Images Over Noisy Channels: An End-to-End Statistical Optimization Framework. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2008 , 2, 220-231	7.5	4
53	Introduction to the Issue on MIMO-Optimized Transmission Systems for Delivering Data and Rich Content. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2008 , 2, 121-123	7.5	
52	Quasi-Orthogonal Space-Frequency and Space-Time-Frequency Block Codes for MIMO OFDM Channels. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 184-192	9.6	27
51	Distributed beamforming in wireless relay networks with quantized feedback. <i>IEEE Journal on Selected Areas in Communications</i> , 2008 , 26, 1429-1439	14.2	73
50	Combining Beamforming and Space-Time Coding Using Quantized Feedback. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 898-908	9.6	27
49	A reconfigurable multiple-input multiple-output communication system. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 1719-1733	9.6	53
48	Wireless Video Transmission: A Distortion-Optimal Approach. <i>Proceedings of the Data Compression Conference</i> , 2008 ,		2
47	Beamforming in wireless relay networks 2008 ,		8
46	Space-Time Block Coded Reconfigurable MIMO Communication System Using ORIOL Antennas 2008 ,		4
45	State-Selection in a Space-Time-State Block Coded MIMO Communication System Using Reconfigurable PIXEL Antennas 2008 ,		2
44	Global Optimal Routing, Scheduling and Power Control for Multi-Hop Wireless Networks with Interference 2008 ,		3
43	A multifunctional mems-reconfigurable pixel antenna for narrowband MIMO communications 2007 ,		15

42	Rate and Power Allocation for Layered Transmission With Superposition Coding. <i>IEEE Signal Processing Letters</i> , 2007 , 14, 773-776	3.2	15
41	Using Orthogonal and Quasi-Orthogonal Designs in Wireless Relay Networks. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 4106-4118	2.8	170
40	Optimal Rate and Power Allocation for Layered Transmission with Superposition Coding 2007 ,		3
39	Successive Transmit Beamforming Algorithms for Multiple-Antenna OFDM Systems. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 1512-1522	9.6	15
38	Joint Source-Channel Coding for Quasi-Static Fading Channels with Noisy Quantized Feedback 2007 ,		2
37	Outage Behavior of Quasi-Static Fading Channels with Partial Power Control and Noisy Feedback 2007 ,		2
36	Network Beamforming using Relays with Perfect Channel Information 2007 ,		74
35	Punctured super-orthogonal space-time trellis codes. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 4494-4503	9.6	
34	Transmission Over Slowly Fading Channels Using Unreliable Quantized Feedback 2007 ,		14
33	Computer design of super-orthogonal space-time trellis codes. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 463-467	9.6	3
32	Space-Time Trellis Codes Based on Channel-Phase Feedback. <i>IEEE Transactions on Communications</i> , 2006 , 54, 2186-2198	6.9	12
31	The impacts of physical layer parameters on the connectivity of ad-hoc networks 2006 ,		7
30	Novel Transmit Beamforming Schemes for Time-Varying Fading Channels 2006 ,		2
29	Novel Successive Transmit Beamforming Algorithms for MISO-OFDM Systems 2006 ,		1
28	Quasi-Orthogonal Space-Frequency Block Codes for MIMO OFDM Channels 2006 ,		3
27	. <i>IEEE Transactions on Multimedia</i> , 2006 , 8, 1219-1227	6.6	2
26	Space-Time Coding and Beamforming Using Noisy Rate-Limited Feedback 2006 ,		2
25	Multuser Interference Cancellation and Detection for Users with Four Transmit Antennas 2006 ,		7

24	Optimal Layered Transmission Over Quasi-Static Fading Channels 2006 ,		15
23	Differential Super-Orthogonal Space-Time Trellis Codes. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 3634-3643	9.6	8
22	CTH07-2: Design of Multi-Antenna Coded Modulators Using Noisy Quantized Channel State Information. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		3
21	CTH17-1: Using Orthogonal and Quasi-Orthogonal Designs in Wireless Relay Networks. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		17
20	A Low Complexity Progressive Bitstream Transmission System for Hybrid Channels with Correlated Loss 2006 ,		1
19	. <i>IEEE Transactions on Multimedia</i> , 2006 , 8, 1291-1298	6.6	9
18	Novel Transmit Beamforming Schemes for Time-Selective Fading Multiantenna Systems. <i>IEEE Transactions on Signal Processing</i> , 2006 , 54, 4767-4781	4.8	37
17	Layered media multicast control (LMMC): rate allocation and partitioning. <i>IEEE/ACM Transactions on Networking</i> , 2005 , 13, 540-553	3.8	14
16	Super-quasi-orthogonal space-time trellis codes for four transmit antennas. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 215-227	9.6	38
15	Space-Time Coding: Theory and Practice 2005 ,		402
14	Power optimization of wireless media systems with space-time block codes. <i>IEEE Transactions on Image Processing</i> , 2004 , 13, 873-84	8.7	25
13	Super-orthogonal space-time trellis codes. <i>IEEE Transactions on Information Theory</i> , 2003 , 49, 937-950	2.8	107
12	Performance evaluation of super-orthogonal space-time trellis codes using a moment generating function-based approach. <i>IEEE Transactions on Signal Processing</i> , 2003 , 51, 2739-2751	4.8	12
11	Multiple-description video coding using motion-compensated temporal prediction. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2002 , 12, 193-204	6.4	80
10	An improvement to multiple description transform coding. <i>IEEE Transactions on Signal Processing</i> , 2002 , 50, 2843-2854	4.8	29
9	Multiple transmit antenna differential detection from generalized orthogonal designs. <i>IEEE Transactions on Information Theory</i> , 2001 , 47, 2626-2631	2.8	149
8	A quasi-orthogonal space-time block code. <i>IEEE Transactions on Communications</i> , 2001 , 49, 1-4	6.9	685
7	On the computation and reduction of the peak-to-average power ratio in multicarrier communications. <i>IEEE Transactions on Communications</i> , 2000 , 48, 37-44	6.9	145

6	Design of channel-optimized vector quantizers in the presence of channel mismatch. <i>IEEE Transactions on Communications</i> , 2000 , 48, 118-124	6.9	14
5	A differential detection scheme for transmit diversity. <i>IEEE Journal on Selected Areas in Communications</i> , 2000 , 18, 1169-1174	14.2	413
4	Space-time block codes from orthogonal designs. <i>IEEE Transactions on Information Theory</i> , 1999 , 45, 1456-1467	8.4673517	
3	Design of successively refinable trellis-coded quantizers. <i>IEEE Transactions on Information Theory</i> , 1999 , 45, 1490-1497	2.8	16
2	Space-time block coding for wireless communications: performance results. <i>IEEE Journal on Selected Areas in Communications</i> , 1999 , 17, 451-460	14.2	871
1	Comparison of different methods of classification in subband coding of images. <i>IEEE Transactions on Image Processing</i> , 1997 , 6, 1473-86	8.7	95