

Zhi Ding

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3664150/publications.pdf>

Version: 2024-02-01

409
papers

9,330
citations

53794

45
h-index

69250

77
g-index

413
all docs

413
docs citations

413
times ranked

6186
citing authors

#	ARTICLE	IF	CITATIONS
1	A Markovian Model-Driven Deep Learning Framework for Massive MIMO CSI Feedback. IEEE Transactions on Wireless Communications, 2022, 21, 1214-1228.	9.2	17
2	Hash Access in Blockchain Radio Access Networks: Characterization and Optimization. IEEE Internet of Things Journal, 2022, 9, 8053-8066.	8.7	4
3	QoE Driven VR 360° Video Massive MIMO Transmission. IEEE Transactions on Wireless Communications, 2022, 21, 18-33.	9.2	16
4	Robust Precoding for 3D Massive MIMO Configuration With Matrix Manifold Optimization. IEEE Transactions on Wireless Communications, 2022, 21, 3423-3437.	9.2	10
5	An Efficient Hypergraph Approach to Robust Point Cloud Resampling. IEEE Transactions on Image Processing, 2022, 31, 1924-1937.	9.8	8
6	Optimization of Workload Balancing and Power Allocation for Wireless Distributed Computing. IEEE Transactions on Wireless Communications, 2022, 21, 7682-7695.	9.2	0
7	A Riemannian Geometric Approach to Blind Signal Recovery for Grant-Free Radio Network Access. IEEE Transactions on Signal Processing, 2022, 70, 1734-1748.	5.3	5
8	Robust Precoding for 3D Massive MIMO with Riemannian Manifold Optimization. , 2022, , .		0
9	Random Interleaving Pattern Identification From Interleaved Reed-Solomon Code Symbols. IEEE Transactions on Communications, 2022, 70, 5059-5070.	7.8	2
10	End-to-End Image Classification and Compression With Variational Autoencoders. IEEE Internet of Things Journal, 2022, 9, 21916-21931.	8.7	7
11	Analysis of Pooling Principle in Blockchain Radio Access Network. , 2022, , .		1
12	Iterative Algorithm Induced Deep-Unfolding Neural Networks: Precoding Design for Multiuser MIMO Systems. IEEE Transactions on Wireless Communications, 2021, 20, 1394-1410.	9.2	91
13	Hypergraph Spectral Analysis and Processing in 3D Point Cloud. IEEE Transactions on Image Processing, 2021, 30, 1193-1206.	9.8	19
14	Data Broker: Dynamic Multi-Hop Routing Protocol in Blockchain Radio Access Network. IEEE Communications Letters, 2021, 25, 4000-4004.	4.1	7
15	Wirtinger Flow Meets Constant Modulus Algorithm: Revisiting Signal Recovery for Grant-Free Access. IEEE Transactions on Signal Processing, 2021, 69, 6515-6529.	5.3	5
16	Fiber-Enabled Optical Wireless Communications With Full Beam Coverage. IEEE Transactions on Communications, 2021, 69, 3207-3221.	7.8	6
17	OTFS Signaling for Uplink NOMA of Heterogeneous Mobility Users. IEEE Transactions on Communications, 2021, 69, 3147-3161.	7.8	31
18	Receiver Design for OTFS with a Fractionally Spaced Sampling Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4072-4086.	9.2	50

#	ARTICLE	IF	CITATIONS
19	Joint Deep Reinforcement Learning and Unfolding: Beam Selection and Precoding for mmWave Multiuser MIMO With Lens Arrays. IEEE Journal on Selected Areas in Communications, 2021, 39, 2289-2304.	14.0	31
20	Deep Learning Phase Compression for MIMO CSI Feedback by Exploiting FDD Channel Reciprocity. IEEE Wireless Communications Letters, 2021, 10, 2200-2204.	5.0	5
21	Point Cloud Resampling via Hypergraph Signal Processing. IEEE Signal Processing Letters, 2021, 28, 2117-2121.	3.6	5
22	Deep Learning for Partial MIMO CSI Feedback by Exploiting Channel Temporal Correlation. , 2021, , .		1
23	Resource Management in LTE-U Systems: Past, Present, and Future. IEEE Open Journal of Vehicular Technology, 2020, 1, 1-17.	4.9	14
24	Federated Learning via Over-the-Air Computation. IEEE Transactions on Wireless Communications, 2020, 19, 2022-2035.	9.2	550
25	Joint Detection and Decoding of Polar Coded 5G Control Channels. IEEE Transactions on Wireless Communications, 2020, 19, 2066-2078.	9.2	23
26	Satellite-Aided Consensus Protocol for Scalable Blockchains. Sensors, 2020, 20, 5616.	3.8	11
27	Hypergraph-Based Image Processing. , 2020, , .		6
28	Spherical Normalization for Learned Compressive Feedback in Massive MIMO CSI Acquisition. , 2020, , .		10
29	Accommodating LAA Within IEEE 802.11ax WiFi Networks for Enhanced Coexistence. IEEE Transactions on Wireless Communications, 2020, 19, 7621-7636.	9.2	7
30	Blockchain Radio Access Network Beyond 5G. IEEE Wireless Communications, 2020, 27, 160-168.	9.0	31
31	Overcoming the Channel Estimation Barrier in Massive MIMO Communication via Deep Learning. IEEE Wireless Communications, 2020, 27, 104-111.	9.0	12
32	Low-Overhead Joint Beam-Selection and Random-Access Schemes for Massive Internet-of-Things with Non-Uniform Channel and Load. , 2020, , .		1
33	Hypergraph Spectral Clustering for Point Cloud Segmentation. IEEE Signal Processing Letters, 2020, 27, 1655-1659.	3.6	13
34	Target Localization With Jammer Removal Using Frequency Diverse Array. IEEE Transactions on Vehicular Technology, 2020, 69, 11685-11696.	6.3	38
35	Practical Modeling and Analysis of Blockchain Radio Access Network. IEEE Transactions on Communications, 2020, , 1-1.	7.8	27
36	Hash Access: Trustworthy Grant-Free IoT Access Enabled by Blockchain Radio Access Networks. IEEE Network, 2020, 34, 54-61.	6.9	25

#	ARTICLE	IF	CITATIONS
37	Networked Optical Massive MIMO Communications. IEEE Transactions on Wireless Communications, 2020, 19, 5575-5588.	9.2	5
38	Improving Deep Learning Classification of JPEG2000 Images Over Bandlimited Networks. , 2020, , .		6
39	An Efficient Deep Learning Framework for Low Rate Massive MIMO CSI Reporting. IEEE Transactions on Communications, 2020, 68, 4761-4772.	7.8	39
40	Joint PSK Data Detection and Channel Estimation Under Frequency Selective Sparse Multipath Channels. IEEE Transactions on Communications, 2020, 68, 2726-2739.	7.8	5
41	Optimal Linear Cooperation for Signal Classification in Cognitive Communication Networks. IEEE Transactions on Wireless Communications, 2020, 19, 3144-3155.	9.2	1
42	Introducing Hypergraph Signal Processing: Theoretical Foundation and Practical Applications. IEEE Internet of Things Journal, 2020, 7, 639-660.	8.7	41
43	Blind Over-the-Air Computation and Data Fusion via Provable Wirtinger Flow. IEEE Transactions on Signal Processing, 2020, 68, 1136-1151.	5.3	41
44	Energy-Efficient Processing and Robust Wireless Cooperative Transmission for Edge Inference. IEEE Internet of Things Journal, 2020, 7, 9456-9470.	8.7	27
45	Point Cloud Segmentation based on Hypergraph Spectral Clustering. , 2020, , .		1
46	On Non-Intrusive Coexistence of eLAA and Legacy WiFi Networks. , 2019, , .		2
47	Sparse Blind Demixing for Low-latency Signal Recovery in Massive IoT Connectivity. , 2019, , .		4
48	Enhanced Receiver Based on FEC Code Constraints for Uplink NOMA With Imperfect CSI. IEEE Transactions on Wireless Communications, 2019, 18, 4790-4802.	9.2	9
49	Prototype Design and Test of Blockchain Radio Access Network. , 2019, , .		22
50	Federated Learning Based on Over-the-Air Computation. , 2019, , .		38
51	Robust Online Social Network Inference. , 2019, , .		0
52	Quannet: Joint Image Compression and Classification Over Channels with Limited Bandwidth. , 2019, , .		13
53	Low Complexity Header Compression with Lower-Layer Awareness for Wireless Networks. , 2019, , .		3
54	PIS: Wearable Pedal Iontronic Sensing for Arterial Pulses and Muscular Activities. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
55	A Markovian Design of Bi-Directional Robust Header Compression for Efficient Packet Delivery in Wireless Networks. IEEE Transactions on Wireless Communications, 2019, 18, 20-33.	9.2	5
56	Data Shuffling in Wireless Distributed Computing via Low-Rank Optimization. IEEE Transactions on Signal Processing, 2019, 67, 3087-3099.	5.3	26
57	A Novel Spatial CCK Modulation Design for Underwater Acoustic Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 6192-6196.	6.3	3
58	Topology Inference of Unknown Networks Based on Robust Virtual Coordinate Systems. IEEE/ACM Transactions on Networking, 2019, 27, 405-418.	3.8	7
59	Engineering Radio Maps for Wireless Resource Management. IEEE Wireless Communications, 2019, 26, 133-141.	9.0	85
60	Generalized Low-Rank Optimization for Topological Cooperation in Ultra-Dense Networks. IEEE Transactions on Wireless Communications, 2019, 18, 2539-2552.	9.2	12
61	Cooperation in Cognitive Cellular Heterogeneous Networks. , 2019, , 1413-1444.		0
62	FeetBeat: A Flexible Iontronic Sensing Wearable Detects Pedal Pulses and Muscular Activities. IEEE Transactions on Biomedical Engineering, 2019, 66, 3072-3079.	4.2	29
63	Exploiting Bi-Directional Channel Reciprocity in Deep Learning for Low Rate Massive MIMO CSI Feedback. IEEE Wireless Communications Letters, 2019, 8, 889-892.	5.0	83
64	Low-Overhead Multi-Antenna-Enabled Random Access for Machine-Type Communications with Low Mobility. , 2019, , .		2
65	Access Control and Pilot Allocation for Machine-Type Communications in Crowded Massive MIMO Systems. Symmetry, 2019, 11, 1272.	2.2	1
66	Enhanced LAA for Unlicensed LTE Deployment Based on TXOP Contention. IEEE Transactions on Communications, 2019, 67, 417-429.	7.8	25
67	Blockchain Radio Access Network (B-RAN): Towards Decentralized Secure Radio Access Paradigm. IEEE Access, 2019, 7, 9714-9723.	4.2	109
68	Optical Filter Designs for Multi-Color Visible Light Communication. IEEE Transactions on Communications, 2019, 67, 2173-2187.	7.8	25
69	High Rate CCK Modulation Design for Bandwidth Efficient Link Adaptation. IEEE Wireless Communications Letters, 2019, 8, 496-499.	5.0	1
70	Beam Domain Massive MIMO for Optical Wireless Communications With Transmit Lens. IEEE Transactions on Communications, 2019, 67, 2188-2202.	7.8	25
71	Optimum sensor placement for localization of a hazardous source under log normal shadowing. Numerical Algebra, Control and Optimization, 2019, 9, 361-382.	1.6	1
72	LTE Multimedia Broadcast Multicast Service Provisioning Based on Robust Header Compression. IEEE Transactions on Wireless Communications, 2018, 17, 1161-1172.	9.2	5

#	ARTICLE	IF	CITATIONS
73	Efficient OFDMA for LiFi Downlink. Journal of Lightwave Technology, 2018, 36, 1928-1943.	4.6	31
74	Biased Multi-LED Beamforming for Multicarrier Visible Light Communications. IEEE Journal on Selected Areas in Communications, 2018, 36, 106-120.	14.0	21
75	Graph-Based Resource Sharing in Vehicular Communication. IEEE Transactions on Wireless Communications, 2018, 17, 4579-4592.	9.2	120
76	Cooperative coexistence and resource allocation for V2X communications in LTE-unlicensed. , 2018, , .		9
77	A Novel Waveform Optimization Scheme for Piezoelectric Sensors Wire-Free Charging in the Tightly Insulated Environment. IEEE Internet of Things Journal, 2018, 5, 1936-1946.	8.7	21
78	A Joint Detection and Decoding Receiver Design for Polar Coded MIMO Wireless Transmissions. , 2018, , .		9
79	The Design of Transport Block-Based ROHC U-Mode for LTE Multicast. , 2018, , .		1
80	Low-Rank Optimization for Data Shuffling in Wireless Distributed Computing. , 2018, , .		7
81	Joint Turbo Receiver for LDPC-Coded MIMO Systems Based on Semi-Definite Relaxation. , 2018, , .		1
82	A Markovian ROHC Control Mechanism Based on Transport Block Link Model in LTE Networks. , 2018, , .		2
83	Femtocell Scheduling as a Restless Multiarmed Bandit Problem Using Partial Channel State Observation. , 2018, , .		1
84	Wireless Resource Management in LTE-U Driven Heterogeneous V2X Communication Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 7508-7522.	6.3	44
85	A Survey on MIMO Transmission With Finite Input Signals: Technical Challenges, Advances, and Future Trends. Proceedings of the IEEE, 2018, 106, 1779-1833.	21.3	42
86	Graph-Based Radio Resource Management for Vehicular Networks. , 2018, , .		22
87	mmWave Beamforming using Photonic Signal Processing for Future 5G Mobile Systems. , 2018, , .		5
88	First Demonstration of FPGA-based Hitless Flexible Receiver with Blind Modulation Format Identification. , 2018, , .		1
89	Modulation Design for MIMO-CoMP HARQ. IEEE Communications Letters, 2017, 21, 290-293.	4.1	3
90	BDMA in Multicell Massive MIMO Communications: Power Allocation Algorithms. IEEE Transactions on Signal Processing, 2017, 65, 2962-2974.	5.3	40

#	ARTICLE	IF	CITATIONS
91	LTE Multimedia Broadcast Multicast Service Provisioning Based on Robust Header Compression. , 2017, , .		5
92	On Efficient Packet-Switched Wireless Networking: A Markovian Approach to Trans-Layer Design and Optimization of ROHC. IEEE Transactions on Wireless Communications, 2017, 16, 4232-4245.	9.2	8
93	Spatial CCK Modulation and Iterative Detection Over Frequency-Selective Fading Channels. IEEE Wireless Communications Letters, 2017, 6, 506-509.	5.0	2
94	Joint Channel Estimation and Detection of High Rate CCK Signaling in Underwater Communications. , 2017, , .		0
95	Embedding LTE-U within Wi-Fi Bands for Spectrum Efficiency Improvement. IEEE Network, 2017, 31, 72-79.	6.9	42
96	Scheduling and Power Allocation for Hybrid Access Cognitive Femtocells. IEEE Transactions on Wireless Communications, 2017, 16, 2520-2533.	9.2	7
97	IP packet header compression and user grouping for LTE Multimedia Broadcast Multicast Services. , 2017, , .		3
98	Transport Capacity Analysis of Wireless In-Band Full Duplex Ad Hoc Networks. IEEE Transactions on Communications, 2017, 65, 1303-1318.	7.8	6
99	Energy Management and Power Allocation for Underwater Acoustic Sensor Network. IEEE Sensors Journal, 2017, 17, 6451-6462.	4.7	34
100	Constellation Design Enhancement for Color-Shift Keying Modulation of Quadrichromatic LEDs in Visible Light Communications. Journal of Lightwave Technology, 2017, 35, 3650-3663.	4.6	51
101	Joint channel estimation and detection using Markov chain Monte Carlo method over sparse underwater acoustic channels. IET Communications, 2017, 11, 1789-1796.	2.2	13
102	Biased Beamforming for Multi-LED OFDM in Visible Light Communications. , 2017, , .		1
103	On Linear Precoding of Nonregenerative MIMO Relay Networks for Finite-Alphabet Source. IEEE Transactions on Vehicular Technology, 2017, 66, 9761-9775.	6.3	6
104	Finding Link Topology of Large Scale Networks from Anchored Hop Count Reports. , 2017, , .		3
105	Generalized matrix completion for low complexity transceiver processing in cache-aided Fog-RAN via the Burer-Monteiro approach. , 2017, , .		1
106	Low Complexity Node Clustering in Cloud-RAN for Service Provisioning and Resource Allocation. , 2017, , .		0
107	Cooperation in Cognitive Cellular Heterogeneous Networks. , 2017, , 1-32.		0
108	Power imbalance induced BER performance loss under limited-feedback CoMP techniques. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	0

#	ARTICLE	IF	CITATIONS
109	PAPR analysis for OFDM visible light communication. Optics Express, 2016, 24, 27457.	3.4	68
110	Robust receiver design based on FEC code diversity in pilot-contaminated multi-user massive MIMO systems. , 2016, , .		9
111	Low-Rank Matrix Completion for Mobile Edge Caching in Fog-RAN via Riemannian Optimization. , 2016, , .		7
112	FEC Code Anchored Robust Design of Massive MIMO Receivers. IEEE Transactions on Wireless Communications, 2016, 15, 8223-8235.	9.2	13
113	A Convex Relaxation Approach to Higher-Order Statistical Approaches to Signal Recovery. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	5
114	Monotonic optimization for power control of D2D underlay with partial CSI. , 2016, , .		5
115	Exploiting Multi-Antenna Non-Reciprocal Channels for Shared Secret Key Generation. IEEE Transactions on Information Forensics and Security, 2016, 11, 2693-2705.	6.9	26
116	Optimal linear cooperation for signal classification. , 2016, , .		4
117	Optimizing Unlicensed Spectrum Sharing for LTE-LI and WiFi Network Coexistence. IEEE Journal on Selected Areas in Communications, 2016, 34, 2562-2574.	14.0	67
118	Joint power and rate optimization for co-channel small cells using Frank-Wolfe algorithm. , 2016, , .		2
119	A low-rank approach for interference management in dense wireless networks. , 2016, , .		0
120	D2D Neighbor Discovery and Resource Scheduling through Demodulation Reference Signal. , 2016, , .		7
121	On the Sum Rate of Fair Resource Allocation With Selective Feedback. IEEE Transactions on Wireless Communications, 2016, 15, 5193-5205.	9.2	3
122	Diversity Integration in Hybrid-ARQ With Chase Combining Under Partial CSI. IEEE Transactions on Communications, 2016, 64, 2647-2659.	7.8	14
123	Modulation Design for Two-Way Amplify-and-Forward Relay HARQ. IEEE Wireless Communications Letters, 2016, 5, 244-247.	5.0	5
124	Mixed Mode Transmission and Resource Allocation for D2D Communication. IEEE Transactions on Wireless Communications, 2016, 15, 162-175.	9.2	75
125	Offset and Power Optimization for DCO-OFDM in Visible Light Communication Systems. IEEE Transactions on Signal Processing, 2016, 64, 349-363.	5.3	72
126	Femtocell Power Control for Interference Management Based on Macrolayer Feedback. IEEE Transactions on Vehicular Technology, 2016, 65, 5222-5236.	6.3	14

#	ARTICLE	IF	CITATIONS
127	Cognitive Femtocell Scheduling and Power Allocation Based on Channel Quality Report. , 2015, , .		2
128	Joint Offset and Power Optimization for Visible Light DCO-OFDM Systems. , 2015, , .		1
129	Joint Detection and Decoding in LDPC-Based Space-Time Coded MIMO-OFDM Systems via Linear Programming. IEEE Transactions on Signal Processing, 2015, 63, 3411-3424.	5.3	21
130	On Transport Capacity of Full Duplex Ad Hoc Networks. , 2015, , .		1
131	Wavelet transform processing for cellular traffic prediction in machine learning networks. , 2015, , .		35
132	Resource allocation in mixed mode Device-to-Device communications. , 2015, , .		1
133	Cooperative Multi-Cell MIMO Downlink Precoding With Finite-Alphabet Inputs. IEEE Transactions on Communications, 2015, 63, 766-779.	7.8	18
134	Adaptive Resource Allocation for Interference Management in Small Cell Networks. IEEE Transactions on Communications, 2015, 63, 2107-2125.	7.8	52
135	Beam Division Multiple Access Transmission for Massive MIMO Communications. IEEE Transactions on Communications, 2015, 63, 2170-2184.	7.8	315
136	Resource Allocation and Inter-Cell Interference Management for Dual-Access Small Cells. IEEE Journal on Selected Areas in Communications, 2015, 33, 1082-1096.	14.0	67
137	Diversity combining in wireless relay networks with partial channel state information. , 2015, , .		6
138	Downlink Scheduling and Power Allocation in Cognitive Femtocell Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 92-105.	0.3	5
139	On Performance Loss of Some CoMP Techniques Under Channel Power Imbalance and Limited Feedback. IEEE Transactions on Wireless Communications, 2015, 14, 4469-4481.	9.2	7
140	Distributed Power Control in a Two-Tier Heterogeneous Network. IEEE Transactions on Wireless Communications, 2015, 14, 6509-6523.	9.2	30
141	Wireless communications in the era of big data. , 2015, 53, 190-199.		205
142	Higher Rank Interference Effect on Weak Beamforming or OSTBC Terminals. IEEE Transactions on Wireless Communications, 2015, 14, 4948-4957.	9.2	1
143	Beam division multiple access for massive MIMO downlink transmission. , 2015, , .		5
144	Power Control and Resource Allocation for Outage Balancing in Femtocell Networks. IEEE Transactions on Wireless Communications, 2015, 14, 2043-2057.	9.2	23

#	ARTICLE	IF	CITATIONS
145	An exploratory study of stress wave communication in concrete structures. Smart Structures and Systems, 2015, 15, 135-150.	1.9	45
146	Bandwidth Efficient Variable Rate HARQ Under Orthogonal Space-Time Block Codes. IEEE Transactions on Signal Processing, 2014, 62, 3360-3370.	5.3	12
147	Stress wave communication in concrete: I. Characterization of a smart aggregate based concrete channel. Smart Materials and Structures, 2014, 23, 125030.	3.5	46
148	Stress wave communication in concrete: II. Evaluation of low voltage concrete stress wave communications utilizing spectrally efficient modulation schemes with PZT transducers. Smart Materials and Structures, 2014, 23, 125031.	3.5	25
149	A Resource Allocation Scheme for Heterogeneous Networks Using Dynamic Programming Approach. , 2014, , .		2
150	Power control and rate allocation for outage balancing in femtocell networks. , 2014, , .		3
151	CMOS Compatible Reconfigurable Silicon Photonic Lattice Filters Using Cascaded Unit Cells for RF-Photonic Processing. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 359-368.	2.9	29
152	On Forward Channel Estimation for MIMO Precoding in Cooperative Relay Wireless Transmission Systems. IEEE Transactions on Signal Processing, 2014, 62, 1265-1278.	5.3	12
153	Cooperative Self-Navigation in a Mixed LOS and NLOS Environment. IEEE Transactions on Mobile Computing, 2014, 13, 350-363.	5.8	23
154	Guest Editorial Spectrum and Energy Efficient Design of Wireless Communication Networks: Part II. IEEE Journal on Selected Areas in Communications, 2014, 32, 193-196.	14.0	2
155	Dynamic MIMO Precoding for Femtocell Interference Mitigation. IEEE Transactions on Communications, 2014, 62, 648-666.	7.8	13
156	Joint detection and decoding of LDPC coded distributed space-time signaling in wireless relay networks via linear programming. , 2014, , .		7
157	Cooperative multi-cell MIMO downlink precoding for finite-alphabet inputs. , 2014, , .		1
158	Macrocell-Queue-Stabilization-Based Power Control of Femtocell Networks. IEEE Transactions on Wireless Communications, 2014, 13, 5223-5236.	9.2	11
159	Enabling D2D Communications Through Neighbor Discovery in LTE Cellular Networks. IEEE Transactions on Signal Processing, 2014, 62, 5157-5170.	5.3	126
160	Multiple Source Localization in Wireless Sensor Networks Based on Time of Arrival Measurement. IEEE Transactions on Signal Processing, 2014, 62, 1938-1949.	5.3	118
161	Opportunistic interference avoidance scheduling for underlay cognitive radio networks. , 2014, , .		2
162	On Transport Capacity of Full Duplex Ad Hoc Networks. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
163	Joint Offset and Power Optimization for Visible Light DCO-OFDM Systems. , 2014, , .		0
164	Cognitive Femtocell Scheduling and Power Allocation Based on Channel Quality Report. , 2014, , .		0
165	Joint optimization of source and relay precoding in non-regenerative MIMO relay systems. Wireless Communications and Mobile Computing, 2013, 13, 1571-1585.	1.2	4
166	An Integrated Linear Programming Receiver for LDPC Coded MIMO-OFDM Signals. IEEE Transactions on Communications, 2013, 61, 2816-2827.	7.8	7
167	Distributed Control of Multiple Cognitive Radio Overlay for Primary Queue Stability. IEEE Transactions on Wireless Communications, 2013, 12, 112-122.	9.2	15
168	Piggyback Retransmissions over Wireless MIMO Channels: Shared Hybrid-ARQ (SHARQ) for Bandwidth Efficiency. IEEE Transactions on Wireless Communications, 2013, 12, 3770-3782.	9.2	7
169	A Bayesian Algorithm for Joint Symbol Timing Synchronization and Channel Estimation in Two-Way Relay Networks. IEEE Transactions on Communications, 2013, 61, 4271-4283.	7.8	14
170	Impact of Base Station Time Synchronization Mismatch on Almost Blank Subframes. IEEE Communications Letters, 2013, 17, 2092-2095.	4.1	3
171	On Efficient Utilization of Training Pilots for Linear Equalization of QAM Transmissions. IEEE Transactions on Communications, 2013, 61, 4984-4996.	7.8	4
172	A Low-Complexity Algorithm for Worst-Case Utility Maximization in Multiuser MISO Downlink. , 2013, , .		0
173	Resource Allocation in Two-Tier Heterogeneous Networks through Enhanced Shadow Chasing. IEEE Transactions on Wireless Communications, 2013, 12, 6439-6453.	9.2	8
174	Linear Precoder Design for MIMO Interference Channels with Finite-Alphabet Signaling. IEEE Transactions on Communications, 2013, 61, 3766-3780.	7.8	47
175	A Linear Programming Based Tone Injection Algorithm for PAPR Reduction of OFDM and Linearly Precoded Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 1937-1945.	5.4	25
176	Target Tracking and Mobile Sensor Navigation in Wireless Sensor Networks. IEEE Transactions on Mobile Computing, 2013, 12, 177-186.	5.8	125
177	Robust {MISO Transmit} Optimization under Outage-Based QoS Constraints in Two-Tier Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1883-1897.	9.2	43
178	On Number of Almost Blank Subframes in Heterogeneous Cellular Networks. IEEE Transactions on Wireless Communications, 2013, 12, 5061-5073.	9.2	85
179	Outage constrained joint precoding for D2D underlay cellular networks. , 2013, , .		3
180	Time domain bi-level downlink power control for cross-tier interference mitigation in HetNet. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
181	Inference-driven dynamic access scheme for interference management in heterogeneous networks. , 2013, , .		2
182	Cooperative MIMO precoding for D2D underlay in cellular networks. , 2013, , .		39
183	Outage constrained transmission optimization for MISO two-tier femtocell networks. , 2013, , .		0
184	Design of dual-access-technology femtocells in enterprise environments. , 2013, , .		5
185	On efficient use of pilot symbols for multi-path channel equalization of QAM signals. , 2013, , .		2
186	Adaptive small cell access of licensed and unlicensed bands. , 2013, , .		31
187	Outage Constrained Robust Transmit Beamforming for Limited Feedback Multiuser MIMO Downlinks. , 2013, , .		0
188	Guest Editorial Spectrum and Energy Efficient Design of Wireless Communication Networks: Part I. IEEE Journal on Selected Areas in Communications, 2013, 31, 825-828.	14.0	7
189	Linear precoder designs over MIMO interference channels with finite-alphabet inputs. , 2013, , .		0
190	On linear precoding of non-regenerative MIMO relays for QAM inputs. , 2012, , .		6
191	Joint transmission using global codeword and codebook design for coordinated multipoint processing (CoMP). , 2012, , .		2
192	Shadow chasing enhancement in resource allocation for heterogeneous networks. , 2012, , .		3
193	Joint Symbol Timing and Channel Estimation in Two-Way Multiple Antenna Relay Networks. , 2012, , .		1
194	Adaptive precoding for femtocell interference mitigation. , 2012, , .		7
195	Maximizing lifetime in multi-source multi-relay non-regenerative OFDM networks. , 2012, , .		4
196	Linear MIMO precoding in multi-antenna wiretap channels for finite-alphabet data. , 2012, , .		0
197	Linear precoding of finite alphabet signals in multi-antenna broadcast channels. , 2012, , .		0
198	Urban source localization based on time of arrival measurement and street information. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
199	Optimum sensor placement for localization in three dimensional under log normal shadowing. , 2012, , .		8
200	Shadow Chasing : A Resource Allocation Scheme For Heterogeneous Networks. , 2012, , .		7
201	On TDD cross-tier in-band interference mitigation: a practical example. , 2012, , .		3
202	Noniterative Convex Optimization Methods for Network Component Analysis. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 1472-1481.	3.0	10
203	Linear Precoding for MIMO Broadcast Channels With Finite-Alphabet Constraints. IEEE Transactions on Wireless Communications, 2012, , 1-15.	9.2	47
204	On Secrecy Rate Analysis of MIMO Wiretap Channels Driven by Finite-Alphabet Input. IEEE Transactions on Communications, 2012, 60, 3816-3825.	7.8	55
205	Linear programming based joint detection of LDPC coded MIMO systems. , 2012, , .		3
206	Power control and resource allocation for capacity improvement in picocell downlinks. , 2012, , .		5
207	Subcarrier Nulling Algorithms for Channel Shortening in Uplink OFDMA Systems. IEEE Transactions on Signal Processing, 2012, 60, 2374-2385.	5.3	10
208	Linear Precoding for Finite-Alphabet Signaling Over MIMOME Wiretap Channels. IEEE Transactions on Vehicular Technology, 2012, 61, 2599-2612.	6.3	162
209	Optimized Power Allocation for Packet Retransmissions of Non-Gaussian Inputs Through Sequential AWGN Channels. IEEE Transactions on Communications, 2012, 60, 1889-1902.	7.8	7
210	On Secrecy of Codebook-Based Transmission Beamforming under Receiver Limited Feedback. IEEE Transactions on Wireless Communications, 2011, 10, 1212-1223.	9.2	56
211	Fully Reconfigurable Silicon Photonic Lattice Filters With Four Cascaded Unit Cells. IEEE Photonics Technology Letters, 2011, 23, 42-44.	2.5	31
212	Multi-Channel Opportunistic Access Based on Primary ARQ Messages Overhearing. , 2011, , .		7
213	Source Localization in Wireless Sensor Networks From Signal Time-of-Arrival Measurements. IEEE Transactions on Signal Processing, 2011, 59, 2887-2897.	5.3	217
214	A convex optimization approach to reducing peak-to-average-power ratio in OFDM. , 2011, , .		6
215	Demonstration of a fast-reconfigurable silicon CMOS optical lattice filter. Optics Express, 2011, 19, 13245.	3.4	43
216	Reduced Complexity Semidefinite Relaxation Algorithms for Source Localization Based on Time Difference of Arrival. IEEE Transactions on Mobile Computing, 2011, 10, 1276-1282.	5.8	44

#	ARTICLE	IF	CITATIONS
217	On the Secrecy Rate of Multi-Antenna Wiretap Channel under Finite-Alphabet Input. IEEE Communications Letters, 2011, 15, 527-529.	4.1	37
218	Sequential Linear MIMO Precoder Optimization for Hybrid ARQ Retransmission of QAM Signals. IEEE Communications Letters, 2011, 15, 913-915.	4.1	15
219	Decentralized Cognitive Radio Control Based on Inference from Primary Link Control Information. IEEE Journal on Selected Areas in Communications, 2011, 29, 394-406.	14.0	71
220	Quasi-Cyclic LDPC Codes on Cyclic Subgroups of Finite Fields. IEEE Transactions on Communications, 2011, 59, 2330-2336.	7.8	32
221	Iterative InterCarrier Interference mitigation for mobile MIMO-OFDM systems. , 2011, , .		0
222	Best-Effort Interference Alignment in OFDM Systems with Finite SNR. , 2011, , .		11
223	Blind Multiuser Detection for Synchronous High Rate Space-Time Block Coded Transmission. IEEE Transactions on Wireless Communications, 2011, 10, 2171-2185.	9.2	7
224	On Precoder Design for Amplify-and-Forward MIMO Relay Systems. , 2011, , .		4
225	Design optimization of linear precoders for complex vector gaussian channels with finite alphabet inputs. , 2011, , .		0
226	Globally Optimal Linear Precoders for Finite Alphabet Signals Over Complex Vector Gaussian Channels. IEEE Transactions on Signal Processing, 2011, 59, 3301-3314.	5.3	254
227	Burst Decoding of Cyclic Codes Based on Circulant Parity-Check Matrices. IEEE Transactions on Information Theory, 2010, 56, 1038-1047.	2.4	8
228	On Wireless Downlink Scheduling of MIMO Systems With Homogeneous Users. IEEE Transactions on Information Theory, 2010, 56, 3369-3377.	2.4	7
229	Distributed Power Control for Cognitive User Access based on Primary Link Control Feedback. , 2010, , .		73
230	Wireless source localization based on time of arrival measurement. , 2010, , .		8
231	A blind channel shortening criterion based on high-order cumulants. , 2010, , .		5
232	Robust and Low Complexity Source Localization in Wireless Sensor Networks Using Time Difference of Arrival Measurement. , 2010, , .		6
233	Optimum sensor placement for localization under log-normal shadowing. , 2010, , .		5
234	On carrier nulling approaches for channel shortening in OFDMA systems. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
235	Fully reconfigurable silicon CMOS photonic lattice filters. , 2010, , .		1
236	On Steepest Descent Adaptation: A Novel Batch Implementation of Blind Equalization Algorithms. , 2010, , .		3
237	A Linear Programming Receiver for Blind Detection of Full Rate Space-Time Block Codes. IEEE Transactions on Signal Processing, 2010, 58, 5819-5834.	5.3	7
238	High bandwidth on-chip silicon photonic interleaver. Optics Express, 2010, 18, 23079.	3.4	75
239	Optimum Power Allocation against Information Leakage in Wireless Network. , 2009, , .		9
240	Silicon microring resonator-based reconfigurable optical lattice filter for on-chip optical signal processing. , 2009, , .		3
241	Precoder design for MIMO broadcast channels with power leakage constraints. , 2009, , .		0
242	Source Localization from Received Signal Strength Under Log-Normal Shadowing: Bias and Variance. , 2009, , .		4
243	Blind detection of high rate orthogonal space-time block codes. , 2009, , .		4
244	Downlink wireless channel estimation for linear MIMO transmission precoding. IEEE Transactions on Communications, 2009, 57, 1151-1161.	7.8	3
245	High Performance Non-Binary Quasi-Cyclic LDPC Codes on Euclidean Geometries LDPC Codes on Euclidean Geometries. IEEE Transactions on Communications, 2009, 57, 1298-1311.	7.8	41
246	Limited Feedback Multiuser Scheduling of Spatially Correlated Broadcast Channels. IEEE Transactions on Vehicular Technology, 2009, 58, 4406-4418.	6.3	10
247	Optimal Transmission Strategies for Dynamic Spectrum Access in Cognitive Radio Networks. IEEE Transactions on Mobile Computing, 2009, 8, 1636-1648.	5.8	114
248	Optimum routing protection against cumulative eavesdropping in multihop wireless networks. , 2009, , .		3
249	A Quadratic Programming Approach to Blind Equalization and Signal Separation. IEEE Transactions on Signal Processing, 2009, 57, 2232-2244.	5.3	18
250	Feedback-based access and power control for distributed multiuser cognitive networks. , 2009, , .		18
251	Distance Estimation From Received Signal Strength Under Log-Normal Shadowing: Bias and Variance. IEEE Signal Processing Letters, 2009, 16, 216-218.	3.6	80
252	A new optimization algorithm for network component analysis based on convex programming. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
253	Admission control and resource allocation in a heterogeneous OFDMA wireless network. IEEE Transactions on Wireless Communications, 2009, 8, 4200-4210.	9.2	43
254	Limited feedback design for MIMO broadcast channels with ARQ mechanism. IEEE Transactions on Wireless Communications, 2009, 8, 2132-2141.	9.2	7
255	Optimum sensor placement for source monitoring under log-normal shadowing in three dimensions. , 2009, , .		8
256	A Convex Optimization Approach to Blind Channel Shortening in Multicarrier Modulations. , 2009, , .		1
257	A Variable-Rate Spread-Spectrum System for Underwater Acoustic Communications. IEEE Journal of Oceanic Engineering, 2009, 34, 624-633.	3.8	24
258	Nonnegative Network Component Analysis by Linear Programming for Gene Regulatory Network Reconstruction. Lecture Notes in Computer Science, 2009, , 395-402.	1.3	1
259	The quadratic three-dimensional assignment problem: Exact and approximate solution methods. European Journal of Operational Research, 2008, 184, 416-428.	5.7	35
260	Progressive Linear Precoder Optimization for MIMO Packet Retransmissions Exploiting Channel Covariance Information. IEEE Transactions on Communications, 2008, 56, 818-827.	7.8	8
261	Short Paper: On Optimal Sensing and Transmission Strategies for Dynamic Spectrum Access. , 2008, , .		27
262	LDPC coding schemes for error control in a multicast network. , 2008, , .		7
263	A Two-Stage Iterative Decoding of LDPC Codes for Lowering Error Floors. , 2008, , .		12
264	Performance Analysis of a Forward Link Channel Estimation Method for Wireless Multicarrier Systems. IEEE Transactions on Wireless Communications, 2008, 7, 3026-3035.	9.2	1
265	Efficient Algorithms for Resource Allocation in Heterogeneous OFDMA Networks. , 2008, , .		6
266	Joint ARQ Receiver Design for Bandwidth Efficient MIMO Systems. , 2008, , .		8
267	Fast network component analysis (FastNCA) for gene regulatory network reconstruction from microarray data. Bioinformatics, 2008, 24, 1349-1358.	4.1	77
268	Source localization using a maximum likelihood/semidefinite programming hybrid. , 2008, , .		1
269	A Semidefinite Programming Approach to Source Localization in Wireless Sensor Networks. IEEE Signal Processing Letters, 2008, 15, 253-256.	3.6	72
270	Perfect Blind-Channel Shortening for Multicarrier Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 851-860.	5.4	9

#	ARTICLE	IF	CITATIONS
271	Linear precoder optimization for ARQ packet retransmissions in centralized multiuser MIMO uplinks. IEEE Transactions on Wireless Communications, 2008, 7, 736-745.	9.2	13
272	Transmit Delay Structure Design for Blind Channel Estimation over Multipath Channels. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, 1.	2.4	2
273	Channel Estimation and Equalization Techniques in Downsampled ARQ Systems. IEEE Transactions on Signal Processing, 2007, 55, 2251-2262.	5.3	10
274	Scalable MIMO ARQ Retransmission using Differential Space-Time Block Codes. , 2007, , .		1
275	Priority Collision Resolution - Distributed Coordination Function for Distributed Wireless Networks. , 2007, , .		0
276	A 320-Gb/s Capacity (32-User \times 10 Gb/s) SPECTS O-CDMA Network Testbed With Enhanced Spectral Efficiency Through Forward Error Correction. Journal of Lightwave Technology, 2007, 25, 79-86.	4.6	44
277	Security Enhancement of SPECTS O-CDMA Through Concealment Against Upstream DPSK Eavesdropping. Journal of Lightwave Technology, 2007, 25, 2799-2806.	4.6	11
278	Iterative Transceiver Design for MIMO ARQ Retransmissions With Decision Feedback Detection. IEEE Transactions on Signal Processing, 2007, 55, 3405-3416.	5.3	15
279	Fast Network Component Analysis for Gene Regulation Networks. IEEE International Workshop on Machine Learning for Signal Processing, 2007, , .	0.0	4
280	Non-Intrusive Cognitive Radio Networks Based on Smart Antenna Technology. , 2007, , .		28
281	Blind Channel Identifiability for Generic Linear Space-Time Block Codes. IEEE Transactions on Signal Processing, 2007, 55, 202-217.	5.3	25
282	Two-User 150-km Field Fiber Security Enhanced SPECTS O-CDMA Transmission. IEEE Photonics Technology Letters, 2007, 19, 852-854.	2.5	3
283	CTH02-2: Cyclic Codes for Correcting Bursts of Errors or Erasures With Iterative Decoding. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
284	Iterative Design of MIMO ARQ Transceiver for Decision Feedback Detection. , 2006, , .		0
285	Integration of Hybrid ARQ and Space-Time Coding through Embedded Quasi-Orthogonal Block Codes. , 2006, , .		1
286	Channel identifiability under orthogonal space-time coded modulations without training. IEEE Transactions on Wireless Communications, 2006, 5, 1003-1013.	9.2	18
287	Retransmission diversity schemes for multicarrier modulations. IEEE Transactions on Wireless Communications, 2006, 5, 1142-1147.	9.2	5
288	Progressive linear precoder optimization for MIMO packet retransmissions. IEEE Journal on Selected Areas in Communications, 2006, 24, 448-456.	14.0	36

#	ARTICLE	IF	CITATIONS
289	Nonuniform Spectral Phase Encoding in Optical CDMA Networks. IEEE Photonics Technology Letters, 2006, 18, 2505-2507.	2.5	9
290	New MIMO ARQ protocols and joint detection via sphere decoding. IEEE Transactions on Signal Processing, 2006, 54, 473-482.	5.3	16
291	QAM constellation classification based on statistical sampling for linear distortive channels. IEEE Transactions on Signal Processing, 2006, 54, 1575-1586.	5.3	16
292	Robust Precoder Design for Mimo Packet Retransmissions Over Imperfectly Known Flat-Fading Channels. , 2006, , .		3
293	A Low Complexity Maximum Likelihood Algorithm for Targets DOA Tracking. , 2006, , .		4
294	Channel Estimation and Bit-loading in Wireless Multicarrier Systems Based on Decimated Signal Feedback. , 2006, , .		0
295	Semi-Coherent Detection for Differential Space-Time Codes. , 2006, , .		1
296	CTH07-3: Optimal Linear Transceiver Design for Mimo Flat Fading Channels Exploiting Channel Mean Feedback. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	1
297	Fundamental Principles and Applications of Particle Filters. , 2006, , .		4
298	OPN04-4: Space-Time Coded Modulation and Detection in Coherent Freespace Optical Communications. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
299	Security issues on spectral-phase-encoded optical CDMA with phase-masking scheme. , 2006, , .		8
300	WLC11-3: Downlink MIMO Channel Estimation for Transmission Precoding. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	3
301	Performance evaluation of optical CDMA networks with random media access schemes. , 2005, , .		4
302	Blind Multiuser Detection for Long-Code CDMA Systems with Transmission-Induced Cyclostationarity. Eurasip Journal on Wireless Communications and Networking, 2005, 2005, 1.	2.4	6
303	Symbol Mapping Diversity Design for Multiple Packet Transmissions. IEEE Transactions on Communications, 2005, 53, 810-817.	7.8	68
304	A Hybrid ARQ Protocol Using Integrated Channel Equalization. IEEE Transactions on Communications, 2005, 53, 1996-2001.	7.8	14
305	Low-complexity iterative equalization for EDGE with bidirectional processing. IEEE Transactions on Wireless Communications, 2005, 4, 1963-1968.	9.2	2
306	Design and analysis of coordinated access schemes for code-limited optical-CDMA networks. , 2005, , .		3

#	ARTICLE	IF	CITATIONS
307	MIMO channel estimation based on ambiguity resistant filtering and decimated feedback. , 2005, , .		2
308	Performance analysis of a spectrally compliant ultra-wideband pulse design. IEEE Transactions on Wireless Communications, 2005, 4, 2172-2181.	9.2	13
309	Forward link channel estimation and precoding based on decimated feedback. IEEE Signal Processing Letters, 2005, 12, 445-448.	3.6	6
310	Robust blind multiuser detection against signature waveform mismatch based on second-order cone programming. IEEE Transactions on Wireless Communications, 2005, 4, 1285-1291.	9.2	9
311	Joint channel identification in punctured hybrid ARQ retransmissions. , 2004, , .		5
312	Flat fading channel estimation under generic linear space-time block coded transmissions. , 2004, , .		3
313	Channel identification and signal separation for long-code CDMA systems using multistep linear prediction method. , 2004, , .		0
314	A Novel Channel-Identification Method for Wireless Communication Systems. IEEE Transactions on Communications, 2004, 52, 1767-1776.	7.8	6
315	Second-Order Statistical Approaches to Channel Shortening in Multicarrier Systems. IEEE Transactions on Signal Processing, 2004, 52, 3253-3264.	5.3	49
316	Spectral Phase-Encoded Time-Spreading (SPECTS) Optical Code-Division Multiple Access for Terabit Optical Access Networks. Journal of Lightwave Technology, 2004, 22, 2671-2679.	4.6	69
317	A novel ultra-wideband pulse design algorithm. IEEE Communications Letters, 2003, 7, 219-221.	4.1	271
318	Blind source separation of signals with known alphabets using ϵ -approximation algorithms. IEEE Transactions on Signal Processing, 2003, 51, 1-10.	5.3	20
319	Blind MIMO channel identification from second order statistics using rank deficient channel convolution matrix. IEEE Transactions on Signal Processing, 2003, 51, 535-544.	5.3	72
320	Blind MIMO system identification based on cumulant subspace decomposition. IEEE Transactions on Signal Processing, 2003, 51, 1457-1468.	5.3	36
321	Nonminimum-phase fir channel estimation using cumulant matrix pencils. IEEE Transactions on Signal Processing, 2003, 51, 2310-2320.	5.3	5
322	Multiuser Channel Estimation from Higher-Order Statistical Matrix Pencil. Eurasip Journal on Advances in Signal Processing, 2003, 2002, 1.	1.7	0
323	Integrated iterative equalization for ARQ systems. , 2002, , .		8
324	Error propagation in blind sequence estimation. IEEE Communications Letters, 2002, 6, 265-267.	4.1	1

#	ARTICLE	IF	CITATIONS
325	A cumulant matrix subspace algorithm for blind single FIR channel identification. IEEE Transactions on Signal Processing, 2001, 49, 325-333.	5.3	17
326	Blind decision feedback equalization of time-varying channels with DPSK inputs. IEEE Transactions on Signal Processing, 2001, 49, 1533-1542.	5.3	14
327	Performance analysis of a GLRT automated target discrimination scheme. IEEE Transactions on Antennas and Propagation, 2001, 49, 1827-1835.	5.1	16
328	Receiver design for type-I hybrid ARQ scheme in frequency-selective fading channels. , 2001, , .		1
329	Turbo equalization for EDGE system with DDF-SOVA. , 2001, , .		5
330	Zero-forcing blind equalization based on subspace estimation for multiuser systems. IEEE Transactions on Communications, 2001, 49, 262-271.	7.8	14
331	Equalization and interference cancellation in linear multiuser systems based on second-order statistics. IEEE Transactions on Signal Processing, 2001, 49, 2042-2049.	5.3	7
332	Zeros of sampled data systems represented by FIR models. Automatica, 2000, 36, 121-123.	5.0	9
333	Semi-blind channel identification for individual data bursts in GSM wireless systems. Signal Processing, 2000, 80, 2017-2031.	3.7	8
334	Zero-forcing equalizability of FIR and IIR multichannel systems with and without perfect measurements. IEEE Transactions on Communications, 2000, 48, 17-22.	7.8	5
335	A fast linear programming algorithm for blind equalization. IEEE Transactions on Communications, 2000, 48, 1432-1436.	7.8	42
336	Invertibility of sampled data systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2000, 47, 279-289.	0.1	4
337	A matrix-pencil approach to blind separation of colored nonstationary signals. IEEE Transactions on Signal Processing, 2000, 48, 900-907.	5.3	74
338	Direct blind MMSE channel equalization based on second-order statistics. IEEE Transactions on Signal Processing, 2000, 48, 1015-1022.	5.3	56
339	A two-stage algorithm for MIMO blind deconvolution of nonstationary colored signals. IEEE Transactions on Signal Processing, 2000, 48, 1187-1192.	5.3	42
340	Stationary points of a kurtosis maximization algorithm for blind signal separation and antenna beamforming. IEEE Transactions on Signal Processing, 2000, 48, 1587-1596.	5.3	63
341	Performance analysis of an automated E-pulse target discrimination scheme. IEEE Transactions on Antennas and Propagation, 2000, 48, 619-628.	5.1	18
342	Single-user channel estimation and equalization. IEEE Signal Processing Magazine, 2000, 17, 17-28.	5.6	136

#	ARTICLE	IF	CITATIONS
343	An algebraic principle for blind separation of white non-Gaussian sources. Signal Processing, 1999, 76, 105-115.	3.7	11
344	Edge decision assisted decorrelators for asynchronous CDMA channels. IEEE Transactions on Communications, 1999, 47, 438-445.	7.8	15
345	Joint transmitter-receiver optimization for partial response channels based on nonmaximally decimated filterbank precoding technique. IEEE Transactions on Signal Processing, 1999, 47, 2407-2414.	5.3	24
346	Column-anchored zeroforcing blind equalization for multiuser wireless FIR channels. IEEE Journal on Selected Areas in Communications, 1999, 17, 411-423.	14.0	15
347	A nonparametric phase estimation method for SIMO systems based on second-order and higher order statistics. IEEE Transactions on Signal Processing, 1999, 47, 843-847.	5.3	1
348	Blind CMA beamforming for narrowband signals with multipath arrivals. International Journal of Adaptive Control and Signal Processing, 1998, 12, 157-172.	4.1	6
349	Blind adaptive decision feedback equalization: a class of channels resulting in ill-convergence from a zero initialization. International Journal of Adaptive Control and Signal Processing, 1998, 12, 173-193.	4.1	6
350	Robust target identification in white Gaussian noise for ultra wide-band radar systems. IEEE Transactions on Antennas and Propagation, 1998, 46, 1817-1823.	5.1	33
351	Single-channel blind equalization for GSM cellular systems. IEEE Journal on Selected Areas in Communications, 1998, 16, 1493-1505.	14.0	52
352	Broadband DOA estimation using frequency invariant beamforming. IEEE Transactions on Signal Processing, 1998, 46, 1463-1469.	5.3	92
353	Multipath channel identification based on partial system information. IEEE Transactions on Signal Processing, 1997, 45, 235-240.	5.3	36
354	On convergence analysis of fractionally spaced adaptive blind equalizers. IEEE Transactions on Signal Processing, 1997, 45, 650-657.	5.3	37
355	Matrix outer-product decomposition method for blind multiple channel identification. IEEE Transactions on Signal Processing, 1997, 45, 3053-3061.	5.3	124
356	Global convergence of fractionally spaced Godard (CMA) adaptive equalizers. IEEE Transactions on Signal Processing, 1996, 44, 818-826.	5.3	150
357	Length- and cost-dependent local minima of unconstrained blind channel equalizers. IEEE Transactions on Signal Processing, 1996, 44, 2726-2735.	5.3	26
358	Characteristics of band-limited channels unidentifiable from second-order cyclostationary statistics. IEEE Signal Processing Letters, 1996, 3, 150-152.	3.6	46
359	Convergence analysis of finite length blind adaptive equalizers. IEEE Transactions on Signal Processing, 1995, 43, 2120-2129.	5.3	62
360	On channel identification based on second-order cyclic spectra. IEEE Transactions on Signal Processing, 1994, 42, 1260-1264.	5.3	50

#	ARTICLE	IF	CITATIONS
361	ARMA system identification based on second-order cyclostationarity. IEEE Transactions on Signal Processing, 1994, 42, 3483-3494.	5.3	48
362	Local convergence of the Sato blind equalizer and generalizations under practical constraints. IEEE Transactions on Information Theory, 1993, 39, 129-144.	2.4	30
363	On the (non)existence of undesirable equilibria of Godard blind equalizers. IEEE Transactions on Signal Processing, 1992, 40, 2425-2432.	5.3	63
364	Array beamforming for long code CDMA under carrier drift. , 0, , .		0
365	A simple cumulant based approach for multiuser channel identification. , 0, , .		3
366	CMA beamforming for multipath correlated sources. , 0, , .		6
367	A matrix-pencil approach to blind separation of non-white sources in white noise. , 0, , .		20
368	Linear blind channel equalization for GSM systems. , 0, , .		0
369	Blind linear equalization for GSM signals in a mobile environment. , 0, , .		0
370	A reduced-state Viterbi algorithm for blind sequence estimation of DPSK sources. , 0, , .		1
371	Cumulant matrix subspace algorithms for blind single FIR channel identification. , 0, , .		1
372	New blind/semi-blind equalization algorithms for GSM systems. , 0, , .		4
373	Blind MMSE CDMA detection in multipath channels. , 0, , .		1
374	Decision feedback equalization using fractionally spaced feedback filtering and vector quantization. , 0, , .		3
375	Zero-forcing equalizability of FIR and IIR multi-channel systems with and without perfect measurements. , 0, , .		0
376	Blind ISI cancellation by anchoring an arbitrary impulse response coefficient of channels. , 0, , .		0
377	Interference cancellation and blind equalization for linear multi-user systems. , 0, , .		3
378	A cumulant subspace approach to FIR multiuser channel estimation. , 0, , .		3

#	ARTICLE	IF	CITATIONS
379	FIR multichannel identification using weighted cumulant matrix. , 0, , .		1
380	Robust CDMA signal detection in the presence of user and interference signature mismatch. , 0, , .		0
381	Robust blind multiuser detection against CDMA signature mismatch. , 0, , .		12
382	Channel estimation under space-time block-coded transmission. , 0, , .		5
383	Precoded integrated equalization for packet retransmissions. , 0, , .		8
384	On blind channel identifiability under space-time coded transmission. , 0, , .		14
385	A simple iterative bi-directional equalization for EDGE wireless systems. , 0, , .		0
386	Integrated iterative equalization for ARQ systems. , 0, , .		7
387	A new algorithm for QAM signal classification in AWGN channels. , 0, , .		6
388	Higher order statistical approach for channel estimation using matrix pencils. , 0, , .		2
389	Contradictory block arbitration for bi-directional decision feedback equalizers. , 0, , .		3
390	Multicarrier channel shortening based on second-order output statistics. , 0, , .		5
391	Symbol mapping diversity design for packet retransmissions through fading channels. , 0, , .		9
392	Symbol mapping diversity in iterative decoding/demodulation of ARQ systems. , 0, , .		9
393	Effective ARQ protocols using adaptive modulation and symbol mapping diversity. , 0, , .		0
394	A novel channel identification method for fast wireless communication systems with transmitter and receiver diversity. , 0, , .		0
395	Channel estimation of long-code CDMA systems utilizing transmission induced cyclostationarity. , 0, , .		4
396	Joint data compression and error protection for collaborative transmission. , 0, , .		1

#	ARTICLE	IF	CITATIONS
397	Fractional spaced dual channel estimation based on decimated feedback. , 0, , .		7
398	Joint data compression and error protection over wireless fading channels using LDPC codes. , 0, , .		0
399	Joint semi-blind channel identification in punctured ARQ retransmissions. , 0, , .		0
400	Blind SIMO channel estimation for CPM using the Laurent approximation. , 0, , .		2
401	Performance analysis for optical CDMA networks with random access schemes. , 0, , .		7
402	Simple ARQ mapping diversity and sphere decoding in MIMO wireless communications. , 0, , .		0
403	Simple ARQ mapping diversity and sphere decoding in MIMO wireless communications. , 0, , .		0
404	Space-Time Diversity Design for Blind Estimation and Equalization over Frequency Selective Channels. , 0, , .		3
405	Joint Data Detection for Punctured ARQ Diversity Systems. , 0, , .		0
406	Constrained Capacity of Linear Precoded ARQ in MIMO Wireless Systems. , 0, , .		13
407	Capacity and Linear Precoding for Packet Retransmissions. , 0, , .		5
408	Blind Channel Equalization Based on Second Order Statistics. , 0, , .		4
409	A BICM Approach to Type-II Hybrid ARQ. , 0, , .		5