

Tho Le-Ngoc

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.

272
papers

3,208
citations

27
h-index

45
g-index

360
ext. papers

4,106
ext. citations

5.2
avg, IF

6.03
L-index

#	Paper	IF	Citations
272	3-D Antenna Array Structures for Millimeter Wave Multi-User Massive MIMO Hybrid Precoder Design: A Performance Comparison. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	0
271	Intelligent Non-Orthogonal Beamforming with Large Self-Interference Cancellation Capability for Full-Duplex Multi-User Massive MIMO Systems. <i>IEEE Access</i> , 2022 , 1-1	3.5	1
270	Performance Tradeoff of MVNOs in OFDMA-Based Virtualized Wireless Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	
269	A Deep Learning and Geospatial Data-Based Channel Estimation Technique for Hybrid Massive MIMO Systems. <i>IEEE Access</i> , 2021 , 9, 145115-145132	3.5	3
268	Swarm Intelligence based Power Allocation in Hybrid Millimeter-Wave Massive MIMO Systems 2021 ,		2
267	Massive-MIMO Hybrid Precoder Design Using Few-Bit DACs for 2D Antenna Array Structures 2021 ,		1
266	User Association in Cloud RANs with Massive MIMO. <i>IEEE Transactions on Cloud Computing</i> , 2021 , 9, 821-833	3.3	5
265	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4892-4903	11.9	2
264	Full-Duplex mmWave Massive MIMO Systems: A Joint Hybrid Precoding/Combining and Self-Interference Cancellation Design. <i>IEEE Open Journal of the Communications Society</i> , 2021 , 2, 754-774	6.7	9
263	A Reconfigurable Access Scheme for Massive-MIMO MTC Networks. <i>IEEE Access</i> , 2021 , 9, 65547-65559	3.5	2
262	Energy-Efficient MU-Massive-MIMO Hybrid Precoder Design: Low-Resolution Phase Shifters and Digital-to-Analog Converters for 2D Antenna Array Structures. <i>IEEE Open Journal of the Communications Society</i> , 2021 , 2, 1842-1861	6.7	4
261	3D Angular-Based Hybrid Precoding for Multi-Cell MU-Massive-MIMO Systems in C-RAN Architecture 2020 ,		6
260	3D Angular-Based Hybrid Precoding and User Grouping for Uniform Rectangular Arrays in Massive MU-MIMO Systems. <i>IEEE Access</i> , 2020 , 8, 84689-84712	3.5	15
259	Reconfigurable and Traffic-Aware Access Schemes for Virtualized M2M Networks. <i>Wireless Networks</i> , 2020 , 73-93	0.6	
258	Learning-Based Reconfigurable Access Schemes for Virtualized M2M Networks. <i>Wireless Networks</i> , 2020 , 95-111	0.6	
257	Efficient and Fair Access Scheme for MTC: LTE/WiFi Coexistence Case. <i>Wireless Networks</i> , 2020 , 113-135	0.6	
256	User Grouping and Hybrid RF/Baseband Precoding for Multi-User Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 11308-11322	6.8	2

255	Pareto-Optimal Pilot Design for Cellular Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 13206-13215	6.8	4
254	Reconfigurable and Traffic-Aware MAC Design for Virtualized Wireless Networks via Reinforcement Learning. <i>IEEE Transactions on Communications</i> , 2019 , 67, 5490-5505	6.9	6
253	A Reconfigurable NOMA Scheme for Machine-to-Machine Networks 2019 ,		1
252	Full-Duplex Cell-Free Massive MIMO 2019 ,		14
251	Hybrid Beamforming for Uniform Circular Arrays in Multi-User Massive MIMO Systems 2019 ,		7
250	Self-Organizing TDMA: A Distributed Contention-Resolution MAC Protocol. <i>IEEE Access</i> , 2019 , 7, 144845-144860	3.5	14
249	Full-Duplex Device-to-Device Cellular Networks: Power Control and Performance Analysis. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 3952-3966	6.8	10
248	Angular-Based 3D Hybrid Precoding for URA in Multi-User Massive MIMO Systems 2019 ,		6
247	Performance Analysis of Underlaid Full-Duplex D2D Cellular Networks. <i>IEEE Access</i> , 2019 , 7, 176233-176347	3.5	3
246	Angular-based Massive-MIMO User Clustering and Precoding 2019 ,		3
245	Nonlinear Hybrid Precoding for Coordinated Multi-Cell Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 2459-2471	6.8	6
244	A Physical Layer Network Coding Based Modify-and-Forward with Opportunistic Secure Cooperative Transmission Protocol. <i>Mobile Networks and Applications</i> , 2019 , 24, 464-479	2.9	1
243	Self-Interference Channel Characterization for Wideband 2 \times 2 MIMO Full-Duplex Transceivers Using Dual-Polarized Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1967-1976	4.9	12
242	Efficient LTE/Wi-Fi Coexistence in Unlicensed Spectrum Using Virtual Network Entity: Optimization and Performance Analysis. <i>IEEE Transactions on Communications</i> , 2018 , 66, 2617-2629	6.9	20
241	QoS-Aware Utility-Based Resource Allocation in Mixed-Traffic Multi-User OFDM Systems. <i>IEEE Access</i> , 2018 , 6, 21646-21657	3.5	4
240	Two-Timescale Hybrid RF-Baseband Precoding With MMSE-VP for Multi-User Massive MIMO Broadcast Channels. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 4462-4476	9.6	15
239	Self-Interference Cancellation With Nonlinearity and Phase-Noise Suppression in Full-Duplex Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 2118-2129	6.8	36
238	Dynamic Resource Allocation for Uplink MIMO NOMA VWN with Imperfect SIC 2018 ,		14

237	Multi-Objective Resource Allocation in Density-Aware Design of C-RAN in 5G. <i>IEEE Access</i> , 2018 , 6, 45177-45190	3.5	10
236	AP-STA Association Control for Throughput Maximization in Virtualized WiFi Networks. <i>IEEE Access</i> , 2018 , 6, 45034-45050	3.5	10
235	Leveraging synergy of SDWN and multi-layer resource management for 5G networks. <i>IET Networks</i> , 2018 , 7, 336-345	2.8	9
234	Progressive Hybrid Precoding and Combining for Massive MIMO ARQ Systems. <i>IEEE Access</i> , 2018 , 6, 34503-34515	3.5	15
233	Channel estimation and self-interference cancelation in full-duplex communication systems. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 321-334	6.8	54
232	Dynamic Resource Allocation for Virtualized Wireless Networks in Massive-MIMO-Aided and Fronthaul-Limited C-RAN. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 9512-9520	6.8	24
231	RF/Analog self-interference canceller for 2 \times MIMO full-duplex transceiver 2017 ,		1
230	Hybrid MMSE-VP precoding for multi-user massive MIMO systems 2017 ,		2
229	Joint Hybrid Tx/Rx Design for Wireless Backhaul With Delay-Outage Constraint in Massive MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 6736-6750	9.6	4
228	Subspace-based self-interference cancellation for full-duplex MIMO transceivers. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017 , 2017, 55	3.2	4
227	Optimal Dynamic Point Selection for Power Minimization in Multiuser Downlink CoMP. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 619-633	9.6	9
226	Hybrid MMSE Precoding and Combining Designs for mmWave Multiuser Systems. <i>IEEE Access</i> , 2017 , 5, 19167-19181	3.5	76
225	Efficient LTE/WiFi Coexistence in Unlicensed Spectrum Using Virtual Network Entity 2017 ,		4
224	Dynamic resource allocation for MC-NOMA VWNs with imperfect SIC 2017 ,		8
223	Outage-Constrained Resource Allocation in Uplink NOMA for Critical Applications. <i>IEEE Access</i> , 2017 , 5, 27636-27648	3.5	20
222	A Maximum-Likelihood Channel Estimator for Self-Interference Cancelation in Full-Duplex Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 5122-5132	6.8	45
221	Optimal Power Allocation Schemes for the Single AF Relay and Jammer Wiretap Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 3042-3056	6.8	7
220	Energy-Efficient Adaptive Power Allocation for Incremental MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 2820-2827	6.8	12

219	eWV: An evolvable platform for versatile control in software-defined wireless networks 2016,		1
218	MMSE hybrid precoder design for millimeter-wave massive MIMO systems 2016,		9
217	HARQ with Chase-Combining (HARQ-CC) for Uplink Transmission in Large-Antenna-Array Multicell Systems 2016,		5
216	Equalization for MIMO-OFDM Systems with Insufficient Cyclic Prefix 2016,		6
215	Joint MSE-based hybrid precoder and equalizer design for full-duplex massive MIMO systems 2016,		8
214	Approximation of Achievable Rates in Additive Gaussian Mixture Noise Channels. <i>IEEE Transactions on Communications, 2016, 64, 5011-5024</i>	6.9	8
213	Joint User-Association and Resource-Allocation in Virtualized Wireless Networks. <i>IEEE Access, 2016, 4, 2738-2750</i>	3.5	63
212	Limited-Feedback Resource Allocation in Heterogeneous Cellular Networks. <i>IEEE Transactions on Vehicular Technology, 2016, 65, 2509-2521</i>	6.8	61
211	Optimal Resource Allocation for Buffer-Aided Relaying With Statistical QoS Constraint. <i>IEEE Transactions on Communications, 2016, 64, 959-972</i>	6.9	25
210	Vector Perturbation Precoding Under Quantized CSI. <i>IEEE Transactions on Vehicular Technology, 2016, 65, 420-427</i>	6.8	8
209	On the Sum Rate of BICM-ID Transmission Over Vector-Perturbation Precoding in Multiuser Downlink. <i>IEEE Transactions on Vehicular Technology, 2016, 65, 7769-7773</i>	6.8	1
208	MDP-Based MAC Design With Deterministic Backoffs in Virtualized 802.11 WLANs. <i>IEEE Transactions on Vehicular Technology, 2016, 65, 7754-7759</i>	6.8	7
207	Hybrid ARQ in Multicell MU-SIMO With Large-Scale Antenna Arrays. <i>IEEE Transactions on Wireless Communications, 2016, 15, 5861-5874</i>	9.6	6
206	Estimation of achievable rates in additive Gaussian mixture noise channels 2016,		1
205	Power-Efficient Resource Allocation in NOMA Virtualized Wireless Networks 2016,		12
204	Self-Interference Cancellation Limits in Full-Duplex Communication Systems 2016,		23
203	Self-Interference Mitigation Using Active Signal Injection for Full-Duplex MIMO-OFDM Systems 2016,		4
202	Efficient and Fair Hybrid TDMA-CSMA for Virtualized Green Wireless Networks 2016,		2

201	Optimal Stochastic Power Control for Energy Harvesting Systems With Delay Constraints. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 3512-3527	14.2	17
200	Resource Allocation for D2D Communication Underlaid Cellular Networks Using Graph-Based Approach. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 7099-7113	9.6	52
199	Delay-aware and power-efficient resource allocation in virtualized wireless networks 2016 ,		1
198	Power Allocation for Buffer-Aided Full-Duplex Relaying With Imperfect Self-Interference Cancellation and Statistical Delay Constraint. <i>IEEE Access</i> , 2016 , 4, 3961-3974	3.5	15
197	Linear Precoding Game for MIMO MAC With Dynamic Access Point Selection. <i>IEEE Wireless Communications Letters</i> , 2015 , 4, 153-156	5.9	2
196	Multiuser MISO precoding for sum-rate maximization under multiple power constraints 2015 ,		9
195	Rate Maximization Based Power Allocation and Relay Selection With IRI Consideration for Two-Path AF Relaying. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 6012-6027	9.6	13
194	Self-interference cancellation for full-duplex MIMO transceivers 2015 ,		8
193	Secrecy rate with friendly full-duplex relay 2015 ,		4
192	Variable-Length Feedback Codes Under a Strict Delay Constraint. <i>IEEE Communications Letters</i> , 2015 , 19, 513-516	3.8	1
191	A digital subspace-based self-interference cancellation in full-duplex MIMO transceivers 2015 ,		2
190	Vector Perturbation Precoding for Multi-User CoMP Downlink Transmission. <i>IEEE Access</i> , 2015 , 3, 1491-1502	3.9	7
189	Capacity-achieving distributions of impulsive ambient noise channels 2015 ,		6
188	Joint resource provisioning and admission control in wireless virtualized networks 2015 ,		42
187	Adaptive power allocation for chase combining HARQ based low-complexity MIMO systems 2015 ,		2
186	Robustness of the routing protocol for low-power and lossy networks (RPL) in smart grids neighbor-area networks 2015 ,		3
185	Multi-perspective virtualization and software-defined infrastructure framework for wireless access networks. <i>Mobile Networks and Applications</i> , 2015 , 20, 19-31	2.9	1
184	Self-Interference-Threshold-Based MIMO Full-Duplex Precoding. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 3803-3807	6.8	5

183	Optimal Signaling Scheme and Capacity Limit of PLC Under Bernoulli-Gaussian Impulsive Noise. <i>IEEE Transactions on Power Delivery</i> , 2015 , 30, 97-105	4.3	15
182	Dynamic resource provisioning with stable queue control for wireless virtualized networks 2015 ,		8
181	Learning-based hybrid TDMA-CSMA MAC protocol for virtualized 802.11 WLANs 2015 ,		3
180	Optimal Stochastic Power Control for Energy Harvesting Systems with Statistical Delay Constraint 2015 ,		1
179	Self-Organizing TDMA MAC Protocol for Effective Capacity Improvement in IEEE 802.11 WLANs 2015 ,		6
178	Power allocation for shared and frequency hopped transponder 2015 ,		2
177	Energy-Efficient Robust Resource Provisioning in Virtualized Wireless Networks 2015 ,		4
176	Airtime Usage Control in Virtualized Multi-Cell 802.11 Networks 2015 ,		10
175	Buffer-aided full-duplex relaying with residual self-interference and statistical delay provisioning 2015 ,		5
174	Energy-Efficient Resource Allocation in Multi-Cell Virtualized Wireless Networks 2015 ,		4
173	Stochastic user scheduling and power control for energy harvesting networks with statistical delay provisioning 2015 ,		3
172	Self-interference cancellation with phase-noise suppression in full-duplex systems 2015 ,		7
171	Multiuser Admission Control and Beamforming Optimization Algorithms for MISO Heterogeneous Networks. <i>IEEE Access</i> , 2015 , 3, 759-773	3.5	9
170	Joint access point selection and linear precoding game for MIMO multiple-access channels 2015 ,		1
169	Optimal Power Control and Error Performance for Full-Duplex Dual-Hop AF Relaying Under Residual Self-Interference. <i>IEEE Communications Letters</i> , 2015 , 19, 291-294	3.8	17
168	Resource Provisioning in Wireless Virtualized Networks via Massive-MIMO. <i>IEEE Wireless Communications Letters</i> , 2015 , 4, 237-240	5.9	41
167	MIMO Full-Duplex Precoding: A Joint Beamforming and Self-Interference Cancellation Structure. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 2205-2217	9.6	69
166	Block-Diagonalization Precoding in a Multiuser Multicell MIMO System: Competition and Coordination. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 968-981	9.6	20

165	On the Capacity of the Static Half-Duplex Non-Orthogonal AF Relay Channel. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 1034-1046	9.6	3
164	Energy-Efficient Power Allocation Over Nakagami- m Fading Channels Under Delay-Outage Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 4081-4091	9.6	26
163	Optimal Power Allocation and Capacity of Full-Duplex AF Relaying under Residual Self-Interference. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 233-236	5.9	130
162	Dual-Layer EBG-Based Miniaturized Multi-Element Antenna for MIMO Systems. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 3985-3997	4.9	70
161	Achievable Rate and Power Allocation for Single-Relay AF Systems Over Rayleigh Fading Channels at High and Low SNRs. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 1726-1739	6.8	10
160	Performance and applicability of candidate routing protocols for smart grid's wireless mesh neighbor area networks 2014 ,		6
159	Distributed Learning-Based Spectrum Allocation with Noisy Observations in Cognitive Radio Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 3715-3725	6.8	6
158	Random Linear Network Coding for converge-cast Smart Grid wireless networks 2014 ,		4
157	Optimal power allocation schemes for single-relay af wire-tap channels 2014 ,		3
156	Iterative interference cancellation in multiuser relaying with fast frequency-hopping modulation. <i>IET Communications</i> , 2014 , 8, 2693-2705	1.3	2
155	Evaluation of an efficient Smart Grid communication system at the neighbor area level 2014 ,		12
154	An efficient hybrid double-threshold based energy detection for cooperative spectrum sensing 2014 ,		2
153	Joint Subchannel Assignment and Power Allocation for OFDMA Femtocell Networks. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 342-355	9.6	181
152	Sum-Rate Maximization in the Multicell MIMO Broadcast Channel With Interference Coordination. <i>IEEE Transactions on Signal Processing</i> , 2014 , 62, 1501-1513	4.8	23
151	Joint subchannel and power allocation for D2D communications in cellular networks 2014 ,		20
150	A Maximum-Likelihood Channel Estimator in MIMO Full-Duplex Systems 2014 ,		12
149	Effective capacities of dual-hop networks with relay selection 2014 ,		4
148	Self-organizing channel assignment for high density 802.11 WLANs 2014 ,		8

147	Resource allocation for D2D communications under proportional fairness 2014 ,		27
146	Self-Interference Pricing-Based MIMO Full-Duplex Precoding. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 549-552	5.9	6
145	Sequential Convex Programming for Full-Duplex Single-User MIMO systems 2014 ,		13
144	Performance of Full-Duplex AF Relaying in the Presence of Residual Self-Interference. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 1752-1764	14.2	127
143	Performance evaluation of full-duplex AF relaying with direct link under residual self-interference 2014 ,		5
142	Residual self-interference after cancellation in full-duplex systems 2014 ,		12
141	Attainable throughput, delay and scalability for geographic routing on Smart Grid neighbor area networks 2013 ,		10
140	Optimal Scheduling over Time-Varying Channels with Traffic Admission Control: Structural Results and Online Learning Algorithms. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4434-4444	9.6	16
139	SIR Analysis for OFDM Transmission in the Presence of CFO, Phase Noise and Doubly Selective Fading. <i>IEEE Communications Letters</i> , 2013 , 17, 1810-1813	3.8	13
138	Sum-rate performance and impact of self-interference cancellation on full-duplex wireless systems 2013 ,		7
137	Energy-Efficient Power Adaptation over a Frequency-Selective Fading Channel with Delay and Power Constraints. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4529-4541	9.6	41
136	SpaceTime Trellis Codes for Two-Way Relay MIMO Channels With Single-Antenna Relay Nodes. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 4040-4045	6.8	2
135	Optimal Power Adaptation for Cooperative AF Relaying With Channel Side Information. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 3164-3174	6.8	12
134	Performance and applicability of geographic-based routing in smart grid's neighbor area networks 2013 ,		1
133	Current trends and perspectives in wireless virtualization 2013 ,		27
132	Miniaturized Four-Element Diversity PIFA. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 396-400	3.8	30
131	Vectored DSL: benefits and challenges for service providers 2013 , 51, 152-157		5
130	Dynamic Scheduling with Statistical Delay Guarantees and Traffic Dropping 2013 ,		1

129	Challenges of Power Line Communications for Advanced Distribution Automation in Smart Grid 2013,		5
128	Distributed Subchannel and Power Allocation for OFDMA-Based Femtocell Networks 2013,		4
127	Adaptive access control of CSMA/CA in wireless LANs for throughput improvement 2013,		4
126	Joint beamforming design and base-station assignment in a coordinated multicell system. <i>IET Communications, 2013, 7, 942-949</i>	1.3	13
125	Sum-rate maximization in the multicell MIMO broadcast channel with interference coordination 2013,		1
124	Energy-efficient power allocation for multicarrier systems with delay-outage probability constraints 2013,		9
123	Wireless Virtualization. <i>SpringerBriefs in Computer Science, 2013,</i>	0.4	39
122	Self-interference pricing for Full-Duplex MIMO systems 2013,		10
121	Aggregate Interference and Capacity-Outage Analysis in a Cognitive Radio Network. <i>IEEE Transactions on Vehicular Technology, 2012, 61, 196-207</i>	6.8	19
120	Multiple-Frame Precoding for NAF Relaying Over Rayleigh Fading Channels. <i>IEEE Transactions on Vehicular Technology, 2012, 61, 398-404</i>	6.8	3
119	Amplify-and-Forward Relaying with M-FSK Modulation and Coherent Detection. <i>IEEE Transactions on Communications, 2012, 60, 1555-1562</i>	6.9	5
118	Adaptive Opportunistic Multicast Scheduling Over Next-Generation Wireless Networks. <i>Wireless Personal Communications, 2012, 63, 483-500</i>	1.9	2
117	Learning-Based Opportunistic Spectrum Access with Adaptive Hopping Transmission Strategy. <i>IEEE Transactions on Wireless Communications, 2012, 11, 3957-3967</i>	9.6	7
116	Distributed Pareto-Optimal Power Control for Utility Maximization in Femtocell Networks. <i>IEEE Transactions on Wireless Communications, 2012, 11, 3434-3446</i>	9.6	35
115	A distributed and adaptive routing protocol designed for wireless sensor networks deployed in clinical environments 2012,		1
114	Rotated Multi-D Constellations in Rayleigh Fading: Mutual Information Improvement and Pragmatic Approach for Near-Capacity Performance in High-Rate Regions. <i>IEEE Transactions on Communications, 2012, 60, 3694-3704</i>	6.9	12
113	Miniaturized MIMO-PIFA with Pattern and Polarization Diversity 2012,		2
112	Dynamic Spectrum Management (DSM) Algorithms for Multi-User xDSL. <i>IEEE Communications Surveys and Tutorials, 2012, 14, 109-130</i>	37.1	31

111	Joint Utility Maximization in Two-Tier Networks by Distributed Pareto-Optimal Power Control 2012		4
110	Learning-based opportunistic spectrum access with hopping transmission strategy 2012 ,		4
109	Efficient Rank-Adaptive Least-Square Estimation and Multiple-Parameter Linear Regression Using Novel Dyadically Recursive Hermitian Matrix Inversion. <i>International Journal of Antennas and Propagation</i> , 2012 , 2012, 1-10	1.2	3
108	Performance Analysis of Smart Relaying with Equal Gain Combining. <i>Wireless Personal Communications</i> , 2012 , 65, 273-292	1.9	0
107	Impulse noise detection techniques for retransmission to reduce delay in DSL systems 2012 ,		3
106	Constant Offset Autonomous Spectrum Balancing Using Multiple Reference Lines for VDSL. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 6719-6723	4.8	5
105	Optimal power adaption for NAF relaying with channel side information 2012 ,		3
104	On optimal input distribution and capacity limit of Bernoulli-Gaussian impulsive noise channels 2012 ,		21
103	Capacity limit of cognitive radio with dynamic frequency hopping under imperfect spectrum sensing 2012 ,		6
102	Cascaded doubly-selective channel estimation in multi-relay AF OFDM transmissions 2012 ,		3
101	Intelligent CSMA-based opportunistic spectrum access: Competition and cooperation 2012 ,		2
100	Distributed Interference Management in Femtocell Networks 2011 ,		15
99	Distributed pareto-optimal power control in femtocell networks 2011 ,		5
98	Efficient Cooperative Cyclostationary Spectrum Sensing in Cognitive Radios at Low SNR Regimes. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 3754-3764	9.6	48
97	Bandwidth-Efficient Bit-Interleaved Coded Modulation Over NAF Relay Channels: Error Performance and Precoder Design. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 2086-2101	6.8	9
96	Distributed Resource Allocation for Cognitive Radio Networks With Spectrum-Sharing Constraints. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 3436-3449	6.8	58
95	Iterative Receiver Design With Joint Doubly Selective Channel and CFO Estimation for Coded MIMO-OFDM Transmissions. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 4052-4057	6.8	15
94	Diversity Analysis of Relay Selection Schemes for Two-Way Wireless Relay Networks. <i>Wireless Personal Communications</i> , 2011 , 59, 173-189	1.9	19

93	A List Sphere Decoding Algorithm with Improved Radius Setting Strategies. <i>Wireless Personal Communications</i> , 2011 , 61, 189-200	1.9	5
92	CSI-Based Resource Allocation for OFDM Downlink Broadband Multimedia Services in Cellular Systems. <i>Wireless Personal Communications</i> , 2011 , 61, 405-423	1.9	1
91	Multiple-frame precoding and multi-D mapping for BICM over ergodic NAF relay channels. <i>Wireless Communications and Mobile Computing</i> , 2011 , 11, 1564-1575	1.9	1
90	Adaptive Hopping Transmission Strategy for Opportunistic Spectrum Access 2011 ,		3
89	A Clustering Approach to Autonomous Spectrum Balancing Using Multiple Reference Lines for DSL 2011 ,		3
88	Game-Based Zero-Forcing Precoding for Multicell Multiuser Transmissions 2011 ,		5
87	Ergodic Capacity of a DSL Binder Channel 2011 ,		1
86	A dual-layer EBG-based miniaturized patch multi-antenna structure 2011 ,		4
85	Rotated multi-D constellations in Rayleigh fading: Mutual information improvement and a pragmatic approach for near-capacity performance in high-rate regions 2011 ,		2
84	Multiuser Downlink Beamforming in Multicell Wireless Systems: A Game Theoretical Approach. <i>IEEE Transactions on Signal Processing</i> , 2011 , 59, 3326-3338	4.8	74
83	Efficient Coordinated Multicell Beamforming with Per-Base-Station Power Constraints 2011 ,		4
82	Noncoherent Receiver for Amplify-and-Forward Relaying with M-FSK Modulation 2011 ,		2
81	Optimization of Linear Dispersion Codes for Two-Way Wireless Relay Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2010 , E93-A, 656-659	0.4	1
80	Competitive Downlink Beamforming Design in Multiuser Multicell Wireless Systems 2010 ,		1
79	Iterative Joint Source-Channel Decoding for H.264 video transmission using virtual checking method at source decoder 2010 ,		6
78	Distributed Resource Allocation for Cognitive Radio Ad-Hoc Networks with Spectrum-Sharing Constraints 2010 ,		3
77	Bayesian Joint Estimation of CFO and Doubly Selective Channels in MIMO-OFDM Transmissions 2010 ,		3
76	Interference and outage analysis in a cognitive radio network with beacon 2010 ,		4

75	Beacon Transmitter Placement Effect on Aggregate Interference and Capacity-Outage Performance in a Cognitive Radio Network 2010 ,		2
74	RS-Coded M-QAM Schemes Using Error-and-Erasure Decoding over Wireless Fading Channels 2010 ,		2
73	A Wireless Sensor Network Testbed 2010 ,		2
72	Heterogeneous multiuser transmission with BEM-based limited feedback over doubly selective MIMO downlink channels 2010 ,		1
71	Jointly optimal precoder and power allocation for an amplify-and-forward half-duplex relay system 2010 ,		3
70	Performance analysis of a decode-and-forward cooperative relaying scheme for MIMO systems 2010 ,		5
69	Joint iterative decoding for simple-encoding systematic irregular-LDPC-based coded cooperation in non-ideal relay channel. <i>Journal of Electronics</i> , 2010 , 27, 305-315		1
68	Signal Transmission With Unequal Error Protection in Wireless Relay Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 2166-2178	6.8	15
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- 3 Outage Probability with Correlated Lognormal Interferers using Log Shifted Gamma Approximation 2
- 2 Group-orthogonal OFDMA in fast time-varying frequency-selective fading environments 2
- 1 Traffic Prediction for Reconfigurable Access Scheme in Correlated Traffic MTC Networks 1