

# Tho Le-Ngoc

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6849643/tho-le-ngoc-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Joint Subchannel Assignment and Power Allocation for OFDMA Femtocell Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 342-355	9.6	181
271	Optimal Power Allocation and Capacity of Full-Duplex AF Relaying under Residual Self-Interference. <i>IEEE Wireless Communications Letters</i> , <b>2014</b> , 3, 233-236	5.9	130
270	Performance of Full-Duplex AF Relaying in the Presence of Residual Self-Interference. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2014</b> , 32, 1752-1764	14.2	127
269	. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 2535-2545	9.6	108
268	Hybrid MMSE Precoding and Combining Designs for mmWave Multiuser Systems. <i>IEEE Access</i> , <b>2017</b> , 5, 19167-19181	3.5	76
267	Multiuser Downlink Beamforming in Multicell Wireless Systems: A Game Theoretical Approach. <i>IEEE Transactions on Signal Processing</i> , <b>2011</b> , 59, 3326-3338	4.8	74
266	Dual-Layer EBG-Based Miniaturized Multi-Element Antenna for MIMO Systems. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 3985-3997	4.9	70
265	MIMO Full-Duplex Precoding: A Joint Beamforming and Self-Interference Cancellation Structure. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 2205-2217	9.6	69
264	Joint User-Association and Resource-Allocation in Virtualized Wireless Networks. <i>IEEE Access</i> , <b>2016</b> , 4, 2738-2750	3.5	63
263	Limited-Feedback Resource Allocation in Heterogeneous Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 2509-2521	6.8	61
262	Distributed Resource Allocation for Cognitive Radio Networks With Spectrum-Sharing Constraints. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 3436-3449	6.8	58
261	Channel estimation and self-interference cancelation in full-duplex communication systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 321-334	6.8	54
260	Resource Allocation for D2D Communication Underlaid Cellular Networks Using Graph-Based Approach. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 7099-7113	9.6	52
259	Efficient Cooperative Cyclostationary Spectrum Sensing in Cognitive Radios at Low SNR Regimes. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 3754-3764	9.6	48
258	A Maximum-Likelihood Channel Estimator for Self-Interference Cancelation in Full-Duplex Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 5122-5132	6.8	45
257	Global Concave Minimization for Optimal Spectrum Balancing in Multi-User DSL Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2008</b> , 56, 2875-2885	4.8	45
256	Performance of BICM-ID with Signal Space Diversity. <i>IEEE Transactions on Wireless Communications</i> , <b>2007</b> , 6, 1732-1742	9.6	43

255	Joint resource provisioning and admission control in wireless virtualized networks <b>2015</b> ,		42
254	Energy-Efficient Power Adaptation over a Frequency-Selective Fading Channel with Delay and Power Constraints. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 4529-4541	9.6	41
253	Resource Provisioning in Wireless Virtualized Networks via Massive-MIMO. <i>IEEE Wireless Communications Letters</i> , <b>2015</b> , 4, 237-240	5.9	41
252	Wireless Virtualization. <i>SpringerBriefs in Computer Science</i> , <b>2013</b> ,	0.4	39
251	RLS-Based Joint Estimation and Tracking of Channel Response, Sampling, and Carrier Frequency Offsets for OFDM. <i>IEEE Transactions on Broadcasting</i> , <b>2009</b> , 55, 84-94	4.7	39
250	Self-Interference Cancellation With Nonlinearity and Phase-Noise Suppression in Full-Duplex Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 2118-2129	6.8	36
249	Distributed Pareto-Optimal Power Control for Utility Maximization in Femtocell Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 3434-3446	9.6	35
248	Dynamic Spectrum Management (DSM) Algorithms for Multi-User xDSL. <i>IEEE Communications Surveys and Tutorials</i> , <b>2012</b> , 14, 109-130	37.1	31
247	Miniaturized Four-Element Diversity PIFA. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2013</b> , 12, 396-400	3.0	30
246	Current trends and perspectives in wireless virtualization <b>2013</b> ,		27
245	Resource allocation for D2D communications under proportional fairness <b>2014</b> ,		27
244	Energy-Efficient Power Allocation Over Nakagami- $m$ Fading Channels Under Delay-Outage Constraints. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 4081-4091	9.6	26
243	Pilot-Aided Joint CFO and Doubly-Selective Channel Estimation for OFDM Transmissions. <i>IEEE Transactions on Broadcasting</i> , <b>2010</b> , 56, 514-522	4.7	26
242	Optimal Resource Allocation for Buffer-Aided Relaying With Statistical QoS Constraint. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 959-972	6.9	25
241	Dynamic Resource Allocation for Virtualized Wireless Networks in Massive-MIMO-Aided and Fronthaul-Limited C-RAN. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 9512-9520	6.8	24
240	Sum-Rate Maximization in the Multicell MIMO Broadcast Channel With Interference Coordination. <i>IEEE Transactions on Signal Processing</i> , <b>2014</b> , 62, 1501-1513	4.8	23
239	Log-Shifted Gamma Approximation to Lognormal Sum Distributions. <i>IEEE Transactions on Vehicular Technology</i> , <b>2007</b> , 56, 2121-2129	6.8	23
238	Self-Interference Cancellation Limits in Full-Duplex Communication Systems <b>2016</b> ,		23

237	Joint Power Allocation and Relay Selection in Cooperative Networks <b>2009</b> ,		22
236	Subcarrier Grouping for OFDM With Linear Constellation Precoding Over Multipath Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , <b>2007</b> , 56, 3607-3613	6.8	22
235	On optimal input distribution and capacity limit of Bernoulli-Gaussian impulsive noise channels <b>2012</b> ,		21
234	Efficient LTE/Wi-Fi Coexistence in Unlicensed Spectrum Using Virtual Network Entity: Optimization and Performance Analysis. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 2617-2629	6.9	20
233	Block-Diagonalization Precoding in a Multiuser Multicell MIMO System: Competition and Coordination. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 968-981	9.6	20
232	Outage-Constrained Resource Allocation in Uplink NOMA for Critical Applications. <i>IEEE Access</i> , <b>2017</b> , 5, 27636-27648	3.5	20
231	Joint subchannel and power allocation for D2D communications in cellular networks <b>2014</b> ,		20
230	Aggregate Interference and Capacity-Outage Analysis in a Cognitive Radio Network. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 196-207	6.8	19
229	Diversity Analysis of Relay Selection Schemes for Two-Way Wireless Relay Networks. <i>Wireless Personal Communications</i> , <b>2011</b> , 59, 173-189	1.9	19
228	Turbo product codes for FH-SS with partial-band interference. <i>IEEE Transactions on Wireless Communications</i> , <b>2002</b> , 1, 513-520	9.6	19
227	Optimal Power Control and Error Performance for Full-Duplex Dual-Hop AF Relaying Under Residual Self-Interference. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 291-294	3.8	17
226	Coded Unitary Space-Time Modulation With Iterative Decoding: Error Performance and Mapping Design. <i>IEEE Transactions on Communications</i> , <b>2007</b> , 55, 703-716	6.9	17
225	Optimal Stochastic Power Control for Energy Harvesting Systems With Delay Constraints. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 3512-3527	14.2	17
224	Optimal Scheduling over Time-Varying Channels with Traffic Admission Control: Structural Results and Online Learning Algorithms. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 4434-4444	9.6	16
223	Bit-Interleaved Coded OFDM With Signal Space Diversity: Subcarrier Grouping and Rotation Matrix Design. <i>IEEE Transactions on Signal Processing</i> , <b>2007</b> , 55, 1137-1149	4.8	16
222	Optimal Signaling Scheme and Capacity Limit of PLC Under Bernoulli-Gaussian Impulsive Noise. <i>IEEE Transactions on Power Delivery</i> , <b>2015</b> , 30, 97-105	4.3	15
221	3D Angular-Based Hybrid Precoding and User Grouping for Uniform Rectangular Arrays in Massive MU-MIMO Systems. <i>IEEE Access</i> , <b>2020</b> , 8, 84689-84712	3.5	15
220	Two-Timescale Hybrid RF-Baseband Precoding With MMSE-VP for Multi-User Massive MIMO Broadcast Channels. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 4462-4476	9.6	15

219	Distributed Interference Management in Femtocell Networks <b>2011,</b>		15
218	Iterative Receiver Design With Joint Doubly Selective Channel and CFO Estimation for Coded MIMO-OFDM Transmissions. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 4052-4057	6.8	15
217	Signal Transmission With Unequal Error Protection in Wireless Relay Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2010</b> , 59, 2166-2178	6.8	15
216	Power Allocation for Buffer-Aided Full-Duplex Relaying With Imperfect Self-Interference Cancellation and Statistical Delay Constraint. <i>IEEE Access</i> , <b>2016</b> , 4, 3961-3974	3.5	15
215	Dynamic Resource Allocation for Uplink MIMO NOMA VWN with Imperfect SIC <b>2018,</b>		14
214	Full-Duplex Cell-Free Massive MIMO <b>2019,</b>		14
213	Rate Maximization Based Power Allocation and Relay Selection With IRI Consideration for Two-Path AF Relaying. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 6012-6027	9.6	13
212	SIR Analysis for OFDM Transmission in the Presence of CFO, Phase Noise and Doubly Selective Fading. <i>IEEE Communications Letters</i> , <b>2013</b> , 17, 1810-1813	3.8	13
211	Sequential Convex Programming for Full-Duplex Single-User MIMO systems <b>2014,</b>		13
210	Joint beamforming design and base-station assignment in a coordinated multicell system. <i>IET Communications</i> , <b>2013</b> , 7, 942-949	1.3	13
209	Energy-Efficient Adaptive Power Allocation for Incremental MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 2820-2827	6.8	12
208	Self-Interference Channel Characterization for Wideband 2-D MIMO Full-Duplex Transceivers Using Dual-Polarized Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 1967-1976	4.9	12
207	Evaluation of an efficient Smart Grid communication system at the neighbor area level <b>2014,</b>		12
206	Optimal Power Adaptation for Cooperative AF Relaying With Channel Side Information. <i>IEEE Transactions on Vehicular Technology</i> , <b>2013</b> , 62, 3164-3174	6.8	12
205	A Maximum-Likelihood Channel Estimator in MIMO Full-Duplex Systems <b>2014,</b>		12
204	Residual self-interference after cancellation in full-duplex systems <b>2014,</b>		12
203	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</i> , <b>2012</b> , 60, 3694-3704	6.9	12
202	Power-Efficient Resource Allocation in NOMA Virtualized Wireless Networks <b>2016,</b>		12

201	Performance Analysis and Design Criteria of BICM-ID With Signal Space Diversity for Keyhole Nakagami- $m$ Fading Channels. <i>IEEE Transactions on Information Theory</i> , <b>2009</b> , 55, 1592-1602	2.8	11
200	AP-STA Association Control for Throughput Maximization in Virtualized WiFi Networks. <i>IEEE Access</i> , <b>2018</b> , 6, 45034-45050	3.5	10
199	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> , <b>2014</b> , 63, 1726-1739	6.8	10
198	Attainable throughput, delay and scalability for geographic routing on Smart Grid neighbor area networks <b>2013</b> ,		10
197	Airtime Usage Control in Virtualized Multi-Cell 802.11 Networks <b>2015</b> ,		10
196	Self-interference pricing for Full-Duplex MIMO systems <b>2013</b> ,		10
195	Full-Duplex Device-to-Device Cellular Networks: Power Control and Performance Analysis. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 3952-3966	6.8	10
194	Multiuser MISO precoding for sum-rate maximization under multiple power constraints <b>2015</b> ,		9
193	MMSE hybrid precoder design for millimeter-wave massive MIMO systems <b>2016</b> ,		9
192	Multi-Objective Resource Allocation in Density-Aware Design of C-RAN in 5G. <i>IEEE Access</i> , <b>2018</b> , 6, 45177-45190	3.5	9
191	Leveraging synergy of SDWN and multi-layer resource management for 5G networks. <i>IET Networks</i> , <b>2018</b> , 7, 336-345	2.8	9
190	Optimal Dynamic Point Selection for Power Minimization in Multiuser Downlink CoMP. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 619-633	9.6	9
189	Multiuser Admission Control and Beamforming Optimization Algorithms for MISO Heterogeneous Networks. <i>IEEE Access</i> , <b>2015</b> , 3, 759-773	3.5	9
188	Energy-efficient power allocation for multicarrier systems with delay-outage probability constraints <b>2013</b> ,		9
187	Bandwidth-Efficient Bit-Interleaved Coded Modulation Over NAF Relay Channels: Error Performance and Precoder Design. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 2086-2101	6.8	9
186	A Concave Minimization Approach to Dynamic Spectrum Management for Digital Subscriber Lines <b>2006</b> ,		9
185	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> , <b>2021</b> , 2, 754-774	6.7	9
184	Self-interference cancellation for full-duplex MIMO transceivers <b>2015</b> ,		8

183	Joint MSE-based hybrid precoder and equalizer design for full-duplex massive MIMO systems <b>2016,</b>		8
182	Approximation of Achievable Rates in Additive Gaussian Mixture Noise Channels. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 5011-5024	6.9	8
181	Vector Perturbation Precoding Under Quantized CSI. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 420-427	6.8	8
180	Dynamic resource allocation for MC-NOMA VWNs with imperfect SIC <b>2017,</b>		8
179	Dynamic resource provisioning with stable queue control for wireless virtualized networks <b>2015,</b>		8
178	Self-organizing channel assignment for high density 802.11 WLANs <b>2014,</b>		8
177	Power Control for Wireless Cellular Systems via D.C. Programming <b>2007,</b>		8
176	2-D optical CDMA networks using MWPM, double hard limiters and modified carrier-hopping prime sequences. <i>Journal of Lightwave Technology</i> , <b>2005</b> , 23, 2902-2913	4	8
175	Optimal Power Allocation Schemes for the Single AF Relay and Jammer Wiretap Channels. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 3042-3056	6.8	7
174	Vector Perturbation Precoding for Multi-User CoMP Downlink Transmission. <i>IEEE Access</i> , <b>2015</b> , 3, 1491-1502	5.92	7
173	MDP-Based MAC Design With Deterministic Backoffs in Virtualized 802.11 WLANs. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 7754-7759	6.8	7
172	Hybrid Beamforming for Uniform Circular Arrays in Multi-User Massive MIMO Systems <b>2019,</b>		7
171	Sum-rate performance and impact of self-interference cancellation on full-duplex wireless systems <b>2013,</b>		7
170	Self-interference cancellation with phase-noise suppression in full-duplex systems <b>2015,</b>		7
169	Learning-Based Opportunistic Spectrum Access with Adaptive Hopping Transmission Strategy. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 3957-3967	9.6	7
168	Diversity Analysis of Smart Relaying. <i>IEEE Transactions on Vehicular Technology</i> , <b>2009</b> , 58, 2849-2862	6.8	7
167	MIMO Precoder Designs for Frequency-Selective Fading Channels Using Spatial and Path Correlation. <i>IEEE Transactions on Vehicular Technology</i> , <b>2008</b> , 57, 3441-3452	6.8	7
166	Reconfigurable and Traffic-Aware MAC Design for Virtualized Wireless Networks via Reinforcement Learning. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 5490-5505	6.9	6

165	Capacity-achieving distributions of impulsive ambient noise channels <b>2015</b> ,		6
164	3D Angular-Based Hybrid Precoding for Multi-Cell MU-Massive-MIMO Systems in C-RAN Architecture <b>2020</b> ,		6
163	Equalization for MIMO-OFDM Systems with Insufficient Cyclic Prefix <b>2016</b> ,		6
162	Performance and applicability of candidate routing protocols for smart grids wireless mesh neighbor area networks <b>2014</b> ,		6
161	Distributed Learning-Based Spectrum Allocation with Noisy Observations in Cognitive Radio Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 3715-3725	6.8	6
160	Self-Organizing TDMA MAC Protocol for Effective Capacity Improvement in IEEE 802.11 WLANs <b>2015</b> ,		6
159	Self-Interference Pricing-Based MIMO Full-Duplex Precoding. <i>IEEE Wireless Communications Letters</i> , <b>2014</b> , 3, 549-552	5.9	6
158	Iterative Joint Source-Channel Decoding for H.264 video transmission using virtual checking method at source decoder <b>2010</b> ,		6
157	Capacity limit of cognitive radio with dynamic frequency hopping under imperfect spectrum sensing <b>2012</b> ,		6
156	Maximum Likelihood (ML) Symbol Timing Recovery (STR) Techniques for Reconfigurable PAM and QAM Modems. <i>Wireless Personal Communications</i> , <b>2007</b> , 41, 379-391	1.9	6
155	Iterative Joint Source-Channel Decoding of H.264 Compressed Video <b>2007</b> ,		6
154	Channel-estimate-based frequency-domain equalization (CE-FDE) for broadband single-carrier transmission. <i>Wireless Communications and Mobile Computing</i> , <b>2004</b> , 4, 449-461	1.9	6
153	Hybrid ARQ in Multicell MU-SIMO With Large-Scale Antenna Arrays. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 5861-5874	9.6	6
152	Angular-Based 3D Hybrid Precoding for URA in Multi-User Massive MIMO Systems <b>2019</b> ,		6
151	Nonlinear Hybrid Precoding for Coordinated Multi-Cell Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 2459-2471	6.8	6
150	Self-Interference-Threshold-Based MIMO Full-Duplex Precoding. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 3803-3807	6.8	5
149	HARQ with Chase-Combining (HARQ-CC) for Uplink Transmission in Large-Antenna-Array Multicell Systems <b>2016</b> ,		5
148	Self-Organizing TDMA: A Distributed Contention-Resolution MAC Protocol. <i>IEEE Access</i> , <b>2019</b> , 7, 144845-144869	3.4	6



147	Amplify-and-Forward Relaying with M-FSK Modulation and Coherent Detection. <i>IEEE Transactions on Communications</i> , <b>2012</b> , 60, 1555-1562	6.9	5
146	Buffer-aided full-duplex relaying with residual self-interference and statistical delay provisioning <b>2015</b> ,		5
145	Performance evaluation of full-duplex AF relaying with direct link under residual self-interference <b>2014</b> ,		5
144	Vectored DSL: benefits and challenges for service providers <b>2013</b> , 51, 152-157		5
143	Challenges of Power Line Communications for Advanced Distribution Automation in Smart Grid <b>2013</b> ,		5
142	Distributed pareto-optimal power control in femtocell networks <b>2011</b> ,		5
141	A List Sphere Decoding Algorithm with Improved Radius Setting Strategies. <i>Wireless Personal Communications</i> , <b>2011</b> , 61, 189-200	1.9	5
140	Performance analysis of a decode-and-forward cooperative relaying scheme for MIMO systems <b>2010</b> ,		5
139	Game-Based Zero-Forcing Precoding for Multicell Multiuser Transmissions <b>2011</b> ,		5
138	Constant Offset Autonomous Spectrum Balancing Using Multiple Reference Lines for VDSL. <i>IEEE Transactions on Signal Processing</i> , <b>2012</b> , 60, 6719-6723	4.8	5
137	Subsidiary maximum likelihood iterative decoding based on extrinsic information. <i>Journal of Communications and Networks</i> , <b>2007</b> , 9, 1-10	4.1	5
136	User Association in Cloud RANs with Massive MIMO. <i>IEEE Transactions on Cloud Computing</i> , <b>2021</b> , 9, 821-833	8.33	5
135	Secrecy rate with friendly full-duplex relay <b>2015</b> ,		4
134	QoS-Aware Utility-Based Resource Allocation in Mixed-Traffic Multi-User OFDM Systems. <i>IEEE Access</i> , <b>2018</b> , 6, 21646-21657	3.5	4
133	Random Linear Network Coding for converge-cast Smart Grid wireless networks <b>2014</b> ,		4
132	Joint Hybrid TxRx Design for Wireless Backhaul With Delay-Outage Constraint in Massive MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 6736-6750	9.6	4
131	Subspace-based self-interference cancellation for full-duplex MIMO transceivers. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2017</b> , 2017, 55	3.2	4
130	Efficient LTE/WiFi Coexistence in Unlicensed Spectrum Using Virtual Network Entity <b>2017</b> ,		4

129	Energy-Efficient Robust Resource Provisioning in Virtualized Wireless Networks <b>2015</b> ,		4
128	Energy-Efficient Resource Allocation in Multi-Cell Virtualized Wireless Networks <b>2015</b> ,		4
127	Effective capacities of dual-hop networks with relay selection <b>2014</b> ,		4
126	Joint Utility Maximization in Two-Tier Networks by Distributed Pareto-Optimal Power Control <b>2012</b>		4
125	Learning-based opportunistic spectrum access with hopping transmission strategy <b>2012</b> ,		4
124	Distributed Subchannel and Power Allocation for OFDMA-Based Femtocell Networks <b>2013</b> ,		4
123	Adaptive access control of CSMA/CA in wireless LANs for throughput improvement <b>2013</b> ,		4
122	Interference and outage analysis in a cognitive radio network with beacon <b>2010</b> ,		4
121	Application of Signal Space Diversity Over Multiplicative Fading Channels. <i>IEEE Signal Processing Letters</i> , <b>2009</b> , 16, 204-207	3.2	4
120	A dual-layer EBG-based miniaturized patch multi-antenna structure <b>2011</b> ,		4
119	Efficient Coordinated Multicell Beamforming with Per-Base-Station Power Constraints <b>2011</b> ,		4
118	Capacity Impact of Location-Aware Cognitive Sensing <b>2009</b> ,		4
117	BICM-ID with signal space diversity over cascaded rayleigh fading channels [transactions letters]. <i>IEEE Transactions on Communications</i> , <b>2008</b> , 56, 1561-1568	6.9	4
116	Symbol and bit error probabilities of orthogonal space-time block codes with antenna selection over keyhole fading channels. <i>IEEE Transactions on Wireless Communications</i> , <b>2008</b> , 7, 4818-4824	9.6	4
115	Performance Bounds of Orthogonal Space-Time Block Codes Over Keyhole Nakagami- $m$ Channels. <i>IEEE Signal Processing Letters</i> , <b>2007</b> , 14, 605-608	3.2	4
114	A Bandwidth-Efficient Coded Cooperative Communications System <b>2006</b> ,		4
113	A Capacity-Achieving Precoding Scheme Based on Channel Inversion Regularization with Optimal Power Allocation for MIMO Broadcast Channels <b>2007</b> ,		4
112	Fine-granularity loading schemes using adaptive Reed-Solomon coding for discrete multitone modulation systems		4

111	Switching for IP-based multimedia satellite communications. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2004</b> , 22, 462-471	14.2	4
110	Pareto-Optimal Pilot Design for Cellular Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 13206-13215	6.8	4
109	Self-Interference Mitigation Using Active Signal Injection for Full-Duplex MIMO-OFDM Systems <b>2016</b> ,		4
108	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> , <b>2021</b> , 2, 1842-1861	6.7	4
107	Robustness of the routing protocol for low-power and lossy networks (RPL) in smart grid& neighbor-area networks <b>2015</b> ,		3
106	On the Capacity of the Static Half-Duplex Non-Orthogonal AF Relay Channel. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 1034-1046	9.6	3
105	Optimal power allocation schemes for single-relay af wire-tap channels <b>2014</b> ,		3
104	Multiple-Frame Precoding for NAF Relaying Over Rayleigh Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 398-404	6.8	3
103	Learning-based hybrid TDMA-CSMA MAC protocol for virtualized 802.11 WLANs <b>2015</b> ,		3
102	Stochastic user scheduling and power control for energy harvesting networks with statistical delay provisioning <b>2015</b> ,		3
101	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> , <b>2012</b> , 2012, 1-10	1.2	3
100	Distributed Resource Allocation for Cognitive Radio Ad-Hoc Networks with Spectrum-Sharing Constraints <b>2010</b> ,		3
99	Bayesian Joint Estimation of CFO and Doubly Selective Channels in MIMO-OFDM Transmissions <b>2010</b> ,		3
98	Jointly optimal precoder and power allocation for an amplify-and-forward half-duplex relay system <b>2010</b> ,		3
97	Adaptive Hopping Transmission Strategy for Opportunistic Spectrum Access <b>2011</b> ,		3
96	A Clustering Approach to Autonomous Spectrum Balancing Using Multiple Reference Lines for DSL <b>2011</b> ,		3
95	Impulse noise detection techniques for retransmission to reduce delay in DSL systems <b>2012</b> ,		3
94	Optimal power adaption for NAF relaying with channel side information <b>2012</b> ,		3

93	Cascaded doubly-selective channel estimation in multi-relay AF OFDM transmissions <b>2012</b> ,		3
92	High-rate groupwise STBC using low-complexity SIC based receiver. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 4677-4687	9.6	3
91	Optimization of Linear Dispersion Codes for Wireless Relay Networks. <i>IEEE Signal Processing Letters</i> , <b>2009</b> , 16, 366-369	3.2	3
90	Performance of BICM-ID with Signal Space Diversity <b>2006</b> ,		3
89	Localization <b>2006</b> , 279-304		3
88	Performance analysis of M-PAM signaling with Tomlinson-Harashima precoding over ISI channels. <i>IEEE Communications Letters</i> , <b>2004</b> , 8, 311-313	3.8	3
87	A Deep Learning and Geospatial Data-Based Channel Estimation Technique for Hybrid Massive MIMO Systems. <i>IEEE Access</i> , <b>2021</b> , 9, 145115-145132	3.5	3
86	Performance Analysis of Underlaid Full-Duplex D2D Cellular Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 176233-176247	3.4	3
85	Angular-based Massive-MIMO User Clustering and Precoding <b>2019</b> ,		3
84	Linear Precoding Game for MIMO MAC With Dynamic Access Point Selection. <i>IEEE Wireless Communications Letters</i> , <b>2015</b> , 4, 153-156	5.9	2
83	A digital subspace-based self-interference cancellation in full-duplex MIMO transceivers <b>2015</b> ,		2
82	Adaptive power allocation for chase combining HARQ based low-complexity MIMO systems <b>2015</b> ,		2
81	Iterative interference cancellation in multiuser relaying with fast frequency-hopping modulation. <i>IET Communications</i> , <b>2014</b> , 8, 2693-2705	1.3	2
80	An efficient hybrid double-threshold based energy detection for cooperative spectrum sensing <b>2014</b> ,		2
79	Adaptive Opportunistic Multicast Scheduling Over Next-Generation Wireless Networks. <i>Wireless Personal Communications</i> , <b>2012</b> , 63, 483-500	1.9	2
78	Space-time Trellis Codes for Two-Way Relay MIMO Channels With Single-Antenna Relay Nodes. <i>IEEE Transactions on Vehicular Technology</i> , <b>2013</b> , 62, 4040-4045	6.8	2
77	Hybrid MMSE-VP precoding for multi-user massive MIMO systems <b>2017</b> ,		2
76	Power allocation for shared and frequency hopped transponder <b>2015</b> ,		2

75	Miniaturized MIMO-PIFA with Pattern and Polarization Diversity <b>2012,</b>		2
74	Beacon Transmitter Placement Effect on Aggregate Interference and Capacity-Outage Performance in a Cognitive Radio Network <b>2010,</b>		2
73	RS-Coded M-QAM Schemes Using Error-and-Erasure Decoding over Wireless Fading Channels <b>2010,</b>		2
72	A Wireless Sensor Network Testbed <b>2010,</b>		2
71	Rotated multi-D constellations in Rayleigh fading: Mutual information improvement and a pragmatic approach for near-capacity performance in high-rate regions <b>2011,</b>		2
70	Noncoherent Receiver for Amplify-and-Forward Relaying with M-FSK Modulation <b>2011,</b>		2
69	Intelligent CSMA-based opportunistic spectrum access: Competition and cooperation <b>2012,</b>		2
68	Diversity Analysis of Smart Relaying over Nakagami and Hoyt Generalized Fading Channels <b>2009,</b>		2
67	Efficient Rank-Adaptive Least-Square Estimation and Multiple-Parameter Linear Regression Using Novel Dyadically Recursive Hermitian Matrix Inversion <b>2008,</b>		2
66	Channel and Delay Margin Aware Bandwidth Allocation for Future Generation Wireless Networks <b>2008,</b>		2
65	A Joint Network-Channel Coding Scheme for Relay-Based Communications <b>2007,</b>		2
64	Multidimensional Subcarrier Mapping for Bit-Interleaved Coded OFDM With Iterative Decoding. <i>IEEE Transactions on Signal Processing</i> , <b>2007</b> , 55, 5772-5781	4.8	2
63	Observations on error detection in H.264. <i>Midwest Symposium on Circuits and Systems</i> , <b>2007,</b>	1	2
62	Global D.C. Optimization for Multi-User Interference Systems <b>2007,</b>		2
61	Outage Probability with Correlated Lognormal Interferers using Log Shifted Gamma Approximation		2
60	Timing Synchronization for UWB Impulse Radios <b>2006,</b> 53-81		2
59	Group-orthogonal OFDMA in fast time-varying frequency-selective fading environments		2
58	Performance evaluation of a switch using priority-based dynamic capacity allocation scheme. <i>IEEE Transactions on Communications</i> , <b>2003</b> , 51, 1399-1408	6.9	2

57	User Grouping and Hybrid RF/Baseband Precoding for Multi-User Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 11308-11322	6.8	2
56	Swarm Intelligence based Power Allocation in Hybrid Millimeter-Wave Massive MIMO Systems <b>2021</b> ,		2
55	Efficient and Fair Hybrid TDMA-CSMA for Virtualized Green Wireless Networks <b>2016</b> ,		2
54	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4892-4903	11.9	2
53	A Reconfigurable Access Scheme for Massive-MIMO MTC Networks. <i>IEEE Access</i> , <b>2021</b> , 9, 65547-65559	3.5	2
52	Progressive Hybrid Precoding and Combining for Massive MIMO ARQ Systems. <i>IEEE Access</i> , <b>2018</b> , 6, 34503-34515	3.5	2
51	Variable-Length Feedback Codes Under a Strict Delay Constraint. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 513-516	3.8	1
50	Multi-perspective virtualization and software-defined infrastructure framework for wireless access networks. <i>Mobile Networks and Applications</i> , <b>2015</b> , 20, 19-31	2.9	1
49	eWV: An evolvable platform for versatile control in software-defined wireless networks <b>2016</b> ,		1
48	On the Sum Rate of BICM-ID Transmission Over Vector-Perturbation Precoding in Multiuser Downlink. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 7769-7773	6.8	1
47	A Reconfigurable NOMA Scheme for Machine-to-Machine Networks <b>2019</b> ,		1
46	Performance and applicability of geographic-based routing in smart grid neighbor area networks <b>2013</b> ,		1
45	RF/Analog self-interference canceller for 2 $\times$ MIMO full-duplex transceiver <b>2017</b> ,		1
44	Optimal Stochastic Power Control for Energy Harvesting Systems with Statistical Delay Constraint <b>2015</b> ,		1
43	Joint access point selection and linear precoding game for MIMO multiple-access channels <b>2015</b> ,		1
42	A distributed and adaptive routing protocol designed for wireless sensor networks deployed in clinical environments <b>2012</b> ,		1
41	Dynamic Scheduling with Statistical Delay Guarantees and Traffic Dropping <b>2013</b> ,		1
40	Sum-rate maximization in the multicell MIMO broadcast channel with interference coordination <b>2013</b> ,		1

39	CSI-Based Resource Allocation for OFDM Downlink Broadband Multimedia Services in Cellular Systems. <i>Wireless Personal Communications</i> , <b>2011</b> , 61, 405-423	1.9	1
38	Multiple-frame precoding and multi-D mapping for BICM over ergodic NAF relay channels. <i>Wireless Communications and Mobile Computing</i> , <b>2011</b> , 11, 1564-1575	1.9	1
37	Optimization of Linear Dispersion Codes for Two-Way Wireless Relay Networks. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , <b>2010</b> , E93-A, 656-659	0.4	1
36	Competitive Downlink Beamforming Design in Multiuser Multicell Wireless Systems <b>2010</b> ,		1
35	Heterogeneous multiuser transmission with BEM-based limited feedback over doubly selective MIMO downlink channels <b>2010</b> ,		1
34	Signal Transmission with Unequal Error Protection in Wireless Relay Networks <b>2009</b> ,		1
33	ML-Based Joint Estimation of Carrier Frequency Offset and Doubly Selective Channels for OFDM Transmissions <b>2009</b> ,		1
32	Ergodic Capacity of a DSL Binder Channel <b>2011</b> ,		1
31	Location-aware cognitive sensing for maximizing network capacity <b>2009</b> ,		1
30	Joint iterative decoding for simple-encoding systematic irregular-LDPC-based coded cooperation in non-ideal relay channel. <i>Journal of Electronics</i> , <b>2010</b> , 27, 305-315		1
29	Tone diversity for OFDMA in broadband wireless communications. <i>Wireless Communications and Mobile Computing</i> , <b>2007</b> , 7, 717-728	1.9	1
28	Tight error bound for coded unitary space-time modulation <b>2006</b> ,		1
27	Trends in Ultra-wideband Transceiver Design <b>2006</b> , 127-153		1
26	Radio Resource Management for Ultra-wideband Communications <b>2006</b> , 189-209		1
25	UWB MAC and Ad Hoc Networks <b>2006</b> , 155-188		1
24	Modulation and Signal Detection in UWB <b>2006</b> , 15-35		1
23	Traffic Prediction for Reconfigurable Access Scheme in Correlated Traffic MTC Networks		1
22	Massive-MIMO Hybrid Precoder Design Using Few-Bit DACs for 2D Antenna Array Structures <b>2021</b> ,		1

21	Estimation of achievable rates in additive Gaussian mixture noise channels <b>2016</b> ,		1
20	Delay-aware and power-efficient resource allocation in virtualized wireless networks <b>2016</b> ,		1
19	A Physical Layer Network Coding Based Modify-and-Forward with Opportunistic Secure Cooperative Transmission Protocol. <i>Mobile Networks and Applications</i> , <b>2019</b> , 24, 464-479	2.9	1
18	Intelligent Non-Orthogonal Beamforming with Large Self-Interference Cancellation Capability for Full-Duplex Multi-User Massive MIMO Systems. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	1
17	Performance Analysis of Smart Relaying with Equal Gain Combining. <i>Wireless Personal Communications</i> , <b>2012</b> , 65, 273-292	1.9	0
16	Bandwidth-efficient Bit-interleaved Coded Cooperative Communications. <i>Wireless Personal Communications</i> , <b>2008</b> , 46, 247-268	1.9	0
15	UWB Pulse Propagation and Detection <b>2006</b> , 37-52		0
14	Impact of Imperfect Power Control and Channel Estimation on the Performance of Multiuser Detectors in Synchronous DS-CDMA System. <i>Wireless Personal Communications</i> , <b>2001</b> , 19, 163-177	1.9	0
13	3-D Antenna Array Structures for Millimeter Wave Multi-User Massive MIMO Hybrid Precoder Design: A Performance Comparison. <i>IEEE Communications Letters</i> , <b>2022</b> , 1-1	3.8	0
12	Outage-based Decision Strategies for Coded Cooperative Relaying Schemes. <i>Wireless Personal Communications</i> , <b>2009</b> , 51, 245-256	1.9	
11	Mixed-Signal Ultra-wideband Communications Receivers <b>2006</b> , 103-126		
10	Digital-Carrier Spreading Codes for Baseband UWB Multiaccess <b>2006</b> , 251-277		
9	Pulsed UWB Interference to Narrowband Receivers <b>2006</b> , 211-250		
8	Error Performance of Pulsed Ultra-wideband Systems in Indoor Environments <b>2006</b> , 83-101		
7	Turbo decoding for precoded systems over multipath fading channels. <i>Journal of Communications and Networks</i> , <b>2004</b> , 6, 203-208	4.1	
6	A Decoding Algorithm for Turbo Product Codes Using Optimality Test and Amplitude Clipping. <i>Wireless Personal Communications</i> , <b>2003</b> , 24, 419-428	1.9	
5	Multilevel quantized soft-limiting detector for an FH-SSMA system. <i>Journal of Communications and Networks</i> , <b>2000</b> , 2, 379-388	4.1	
4	Reconfigurable and Traffic-Aware Access Schemes for Virtualized M2M Networks. <i>Wireless Networks</i> , <b>2020</b> , 73-93	0.6	



- 3 Learning-Based Reconfigurable Access Schemes for Virtualized M2M Networks. *Wireless Networks*, **2020**, 95-111 0.6
- 2 Efficient and Fair Access Scheme for MTC: LTE/WiFi Coexistence Case. *Wireless Networks*, **2020**, 113-135 0.6
- 1 Performance Tradeoff of MVNOs in OFDMA-Based Virtualized Wireless Networks. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1 6.8