

Walaa A Hamouda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/774548/publications.pdf>

Version: 2024-02-01

191
papers

3,597
citations

257450

24
h-index

161849

54
g-index

191
all docs

191
docs citations

191
times ranked

3206
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-Dense Networks: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 2522-2545.	39.4	747
2	Advances on Spectrum Sensing for Cognitive Radio Networks: Theory and Applications. IEEE Communications Surveys and Tutorials, 2017, 19, 1277-1304.	39.4	439
3	Resource Allocation for Underlay Cognitive Radio Networks: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 1249-1276.	39.4	190
4	A Critical Review of Practices and Challenges in Intrusion Detection Systems for IoT: Toward Universal and Resilient Systems. IEEE Communications Surveys and Tutorials, 2018, 20, 3496-3509.	39.4	143
5	Next generation M2M cellular networks: challenges and practical considerations. , 2015, 53, 18-24.		107
6	Blind Digital Modulation Identification for Spatially-Correlated MIMO Systems. IEEE Transactions on Wireless Communications, 2012, 11, 683-693.	9.2	104
7	Cell-Free Massive MIMO: A Survey. IEEE Communications Surveys and Tutorials, 2022, 24, 492-523.	39.4	102
8	Cellular LTE-A Technologies for the Future Internet-of-Things: Physical Layer Features and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 2544-2572.	39.4	86
9	NOMA-Assisted Machine-Type Communications in UDN: State-of-the-Art and Challenges. IEEE Communications Surveys and Tutorials, 2020, 22, 1276-1304.	39.4	85
10	A Water-Filling Based Scheduling Algorithm for the Smart Grid. IEEE Transactions on Smart Grid, 2012, 3, 710-719.	9.0	81
11	Performance Analysis of Multiple Association in Ultra-Dense Networks. IEEE Transactions on Communications, 2017, 65, 3818-3831.	7.8	70
12	A Convolutional-Based Distributed Coded Cooperation Scheme for Relay Channels. IEEE Transactions on Vehicular Technology, 2009, 58, 655-669.	6.3	56
13	Physical Layer Security in Ultra-Dense Networks. IEEE Wireless Communications Letters, 2017, 6, 690-693.	5.0	43
14	Spectrum Monitoring Using Energy Ratio Algorithm for OFDM-Based Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2015, 14, 2257-2268.	9.2	40
15	On the Cell Search and Initial Synchronization for NB-IoT LTE Systems. IEEE Communications Letters, 2017, 21, 1843-1846.	4.1	40
16	Transmit Antenna Selection in Secure MIMO Systems Over α - μ Fading Channels. IEEE Transactions on Communications, 2019, 67, 6483-6498.	7.8	40
17	Multiple association in ultra-dense networks. , 2016, , .		33
18	Performance of Distributed Massive MIMO and Small-Cell Systems Under Hardware and Channel Impairments. IEEE Transactions on Vehicular Technology, 2020, 69, 8627-8642.	6.3	33

#	ARTICLE	IF	CITATIONS
19	Physical-Layer Security Over α - κ - μ Fading Channels. IEEE Transactions on Vehicular Technology, 2019, 68, 1025-1029.	6.3	32
20	An Overview and Future Directions on Physical-Layer Security for Cognitive Radio Networks. IEEE Network, 2021, 35, 205-211.	6.9	32
21	On the Secrecy Performance Analysis of SIMO Systems Over κ - μ Fading Channels. IEEE Communications Letters, 2017, 21, 2544-2547.	4.1	30
22	Relay Selection for Coded Cooperative Networks with Outdated CSI over Nakagami-m Fading Channels. IEEE Transactions on Wireless Communications, 2014, 13, 2362-2373.	9.2	27
23	Uplink Coverage and Capacity Analysis of mMTC in Ultra-Dense Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 746-759.	6.3	27
24	Cross-Layer Antenna Selection and Channel Allocation for MIMO Cognitive Radios. IEEE Transactions on Wireless Communications, 2011, 10, 3666-3674.	9.2	26
25	Performance Analysis of Digital Communication Systems Over α - κ - μ Fading Channels. IEEE Communications Letters, 2019, 23, 192-195.	4.1	26
26	Large Intelligent Surface-Assisted Nonorthogonal Multiple Access for 6G Networks: Performance Analysis. IEEE Internet of Things Journal, 2021, 8, 5129-5140.	8.7	26
27	Decode-Compress-and-Forward with Selective-Cooperation for Relay Networks. IEEE Communications Letters, 2012, 16, 378-381.	4.1	22
28	Cross-layer based transmit antenna selection for decision-feedback detection in correlated Ricean MIMO channels. IEEE Transactions on Wireless Communications, 2009, 8, 1677-1682.	9.2	20
29	Machine-to-Machine Communications With Massive Access: Congestion Control. IEEE Internet of Things Journal, 2019, 6, 3545-3557.	8.7	20
30	Uplink Performance of NOMA-Based Combined HTC and MTC in Ultradense Networks. IEEE Internet of Things Journal, 2020, 7, 7319-7333.	8.7	20
31	Secrecy Analysis Over Cascaded κ - μ Fading Channels With Multiple Eavesdroppers. IEEE Transactions on Vehicular Technology, 2020, 69, 8433-8442.	6.3	18
32	Antenna/relay selection for coded cooperative networks with AF relaying. IEEE Transactions on Communications, 2009, 57, 2580-2584.	7.8	17
33	Multi-Relay Turbo-Coded Cooperative Diversity Networks Over Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 4458-4470.	6.3	17
34	Finite-SNR Diversity-Multiplexing Tradeoff for Rayleigh MIMO Channels. IEEE Communications Letters, 2013, 17, 753-756.	4.1	16
35	Low Power Wideband Sensing for One-Bit Quantized Cognitive Radio Systems. IEEE Wireless Communications Letters, 2016, 5, 16-19.	5.0	16
36	Intercept Probability Analysis of Wireless Networks in the Presence of Eavesdropping Attack With Co-Channel Interference. IEEE Access, 2018, 6, 41490-41503.	4.2	16

#	ARTICLE	IF	CITATIONS
37	Cognitive Coded Cooperation in Underlay Spectrum-Sharing Networks Under Interference Power Constraints. IEEE Transactions on Vehicular Technology, 2017, 66, 2099-2113.	6.3	15
38	Capacity Analysis of Downlink NOMA-Based Coexistent HTC/MTC in UDN. , 2019, , .		15
39	Learning-based relay selection for cooperative networks. , 2014, , .		14
40	Performance Analysis and Optimization of Multiselective Scheme for Cooperative Sensing in Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 358-366.	6.3	14
41	Spectral Efficiency of Multi-Hop Millimeter Wave Networks Using N^{th} Best Relay Routing Technique. IEEE Transactions on Vehicular Technology, 2020, 69, 9951-9959.	6.3	14
42	Physical-Layer Security on Maximal Ratio Combining for SIMO Cognitive Radio Networks Over Cascaded α - η Fading Channels. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 1244-1252.	7.9	14
43	Uplink Performance of MmWave-Fronthaul Cell-Free Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 1536-1548.	6.3	14
44	Wavelength and beam launching effects on silica optical fiber in local area networks. Optics Communications, 2010, 283, 4234-4241.	2.1	13
45	Physical-Layer Security of SIMO Communication Systems over Multipath Fading Conditions. IEEE Transactions on Sustainable Computing, 2021, 6, 105-118.	3.1	13
46	Towards High Data Rates in Dynamic Environments Using Hybrid Cell-Free Massive MIMO/Small-Cell System. IEEE Wireless Communications Letters, 2021, 10, 201-205.	5.0	13
47	An Overview of Uplink Access Techniques in Machine-Type Communications. IEEE Network, 2021, 35, 246-251.	6.9	13
48	An efficient MAC protocol for cooperative diversity in mobile ad hoc networks. Wireless Communications and Mobile Computing, 2008, 8, 771-782.	1.2	12
49	On the Performance of Interference-Aware Cognitive Ad-Hoc Networks. IEEE Communications Letters, 2013, 17, 1952-1955.	4.1	12
50	AF Cooperative CDMA Outage Probability Analysis in Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 1169-1176.	6.3	12
51	Antenna Selection for Dual-Hop Cognitive Radio Networks: A Multiple-Relay Scenario. IEEE Transactions on Vehicular Technology, 2017, 66, 6754-6763.	6.3	12
52	Improved Eigenfilter Design Method for Channel Shortening Equalizer in TH-UWB. IEEE Transactions on Vehicular Technology, 2018, 67, 7749-7753.	6.3	12
53	Multiple-Association Supporting HTC/MTC in Limited-Backhaul Capacity Ultra-Dense Networks. IEEE Transactions on Communications, 2021, 69, 4113-4127.	7.8	12
54	Physical-Layer Security for Cognitive Radio Networks over Cascaded Rayleigh Fading Channels. , 2020, , .		12

#	ARTICLE	IF	CITATIONS
55	Outage Analysis of Cooperative CDMA Systems in Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2012, 61, 618-623.	6.3	11
56	Power-Efficient Wideband Spectrum Sensing for Cognitive Radio Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 3269-3283.	6.3	11
57	Analysis of Equal Gain Combining Over Fluctuating Two-Ray Channels With Applications to Millimeter-Wave Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 1751-1765.	6.3	11
58	An efficient medium access control protocol for mobile ad hoc networks using antenna arrays. Canadian Journal of Electrical and Computer Engineering, 2007, 32, 19-25.	2.0	10
59	Transmit antenna selection for decision feedback detection in MIMO fading channels. IEEE Transactions on Wireless Communications, 2009, 8, 4440-4444.	9.2	10
60	A Power-Efficient Scheme for Wireless Sensor Networks Based on Transmission of Good Bits and Threshold Optimization. IEEE Transactions on Communications, 2016, 64, 3520-3533.	7.8	10
61	Downlink coverage and average cell load of M2M and H2H in ultra-dense networks. , 2017, , .		10
62	From Cognitive to Intelligent Secondary Cooperative Networks for the Future Internet: Design, Advances, and Challenges. IEEE Network, 2021, 35, 168-175.	6.9	10
63	Exploiting RIS for Limiting Information Leakage to Active Eavesdropper in Cell-Free Massive MIMO. IEEE Wireless Communications Letters, 2022, 11, 443-447.	5.0	10
64	On Securing Cognitive Radio Networks-Enabled SWIPT Over Cascaded κ - μ Fading Channels With Multiple Eavesdroppers. IEEE Transactions on Vehicular Technology, 2022, 71, 478-488.	6.3	10
65	Performance of a MANET directional MAC protocol with angle-of-arrival estimation. Wireless Communications and Mobile Computing, 2008, 8, 759-769.	1.2	9
66	Approach to Interference Cancellation in DS-CDMA Optical Networks. Journal of Optical Communications and Networking, 2009, 1, 204.	4.8	9
67	Energy-efficient cooperative spectrum sensing and transmission in multi-channel cognitive radio networks. , 2014, , .		9
68	Analysis of a Subset Selection Scheme for Wireless Sensor Networks in Time-Varying Fading Channels. IEEE Transactions on Signal Processing, 2016, 64, 2193-2208.	5.3	9
69	A Hybrid NOMA/OMA Scheme for MTC in Ultra-Dense Networks. , 2020, , .		9
70	Edge Computing and Multiple-Association in Ultra-Dense Networks: Performance Analysis. IEEE Transactions on Communications, 2022, 70, 5098-5112.	7.8	9
71	Performance Analysis of Non-Orthogonal AF Relaying in Cognitive Radio Networks. IEEE Wireless Communications Letters, 2015, 4, 373-376.	5.0	8
72	Performance Analysis of Cellular Downlink With Fluctuating Two-Ray Channels Under Inter-Cell Interference. IEEE Transactions on Vehicular Technology, 2020, 69, 13437-13449.	6.3	8

#	ARTICLE	IF	CITATIONS
73	Non-Orthogonal Multiple Access in the Presence of Additive Generalized Gaussian Noise. IEEE Communications Letters, 2020, 24, 2137-2141.	4.1	8
74	Limiting Doppler Shift Effect on Cell-Free Massive MIMO Systems: A Stochastic Geometry Approach. IEEE Transactions on Wireless Communications, 2021, 20, 5656-5671.	9.2	8
75	Nearest APs-Based Downlink Pilot Transmission for High Secrecy Rates in Cell-Free Massive MIMO. , 2020, , .		8
76	Relay Pre-Selection for Reducing CSI Transmission in Wireless Sensor Networks. IEEE Communications Letters, 2016, 20, 1828-1831.	4.1	7
77	Distributed opportunistic scheduling for MIMO underlay cognitive radio networks. Wireless Communications and Mobile Computing, 2016, 16, 2212-2224.	1.2	7
78	Joint Power Allocation and Subcarrier-Relay Assignment for OFDM-Based Decode-and-Forward Relay Networks. IEEE Communications Letters, 2016, 20, 2312-2315.	4.1	7
79	Optimal Solution for a Joint Power Allocation and Relay Assignment Problem. IEEE Transactions on Vehicular Technology, 2016, 65, 6497-6507.	6.3	7
80	The new enhancements in LTE-A Rel-13 for reliable machine type communications. , 2017, , .		7
81	Secrecy Performance of Generalized Selection Diversity Combining Scheme with Gaussian Errors. , 2018, , .		7
82	Generalized FFT-Based One-Bit Quantization System for Wideband Spectrum Sensing. IEEE Transactions on Communications, 2020, 68, 82-92.	7.8	7
83	Performance Analysis for H-CRANs Under Constrained Capacity Fronthaul. IEEE Networking Letters, 2020, 2, 62-66.	1.9	7
84	Advances in CRAN Performance Optimization. IEEE Network, 2021, 35, 140-146.	6.9	7
85	Performance Analysis of Minimum Hop Count-Based Routing Techniques in Millimeter Wave Networks: A Stochastic Geometry Approach. IEEE Transactions on Communications, 2021, 69, 8304-8318.	7.8	7
86	Downlink Performance of Limited-Fronthaul Cell-Free Massive MIMO. , 2021, , .		7
87	Edge-Aware Remote Radio Heads Cooperation for Interference Mitigation in Heterogeneous C-RAN. IEEE Transactions on Vehicular Technology, 2021, 70, 12142-12157.	6.3	7
88	Performance of Cooperative Ad-Hoc Networks in Rayleigh Fading Channels. , 2006, , .		6
89	Energy efficient relay selection scheme for cooperative uniformly distributed wireless sensor networks. , 2014, , .		6
90	Energy efficient design for non-orthogonal AF relaying in underlay spectrum sharing networks. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
91	Employing Broadcast Channel for Frequency Tracking in LTE-MTC Systems. IEEE Wireless Communications Letters, 2016, 5, 436-439.	5.0	6
92	Throughput maximization using cross-layer design in wireless sensor networks. , 2017, , .		6
93	A scalable overload control algorithm for massive access in machine-to-machine networks. , 2017, , .		6
94	Secrecy Analysis for Energy Harvesting-Enabled Cognitive Radio Networks in Cascaded Fading Channels. , 2021, , .		6
95	Reliable Millimeter Wave Communication for IoT Devices. , 2021, , .		6
96	Cascaded α - η Fading Channels with Colluding and Non-Colluding Eavesdroppers: Physical-Layer Security Analysis. Future Internet, 2021, 13, 205.	3.8	6
97	Efficient Resource Allocation in Fast-Uplink Grant for Machine-Type Communications With NOMA. IEEE Internet of Things Journal, 2022, 9, 18113-18129.	8.7	6
98	Performance of convolutionally-coded MIMO systems with antenna selection. Journal of Communications and Networks, 2005, 7, 307-312.	2.6	5
99	Outage Probability Analysis of Distributed Coded Cooperation for Relay Channels. , 2007, , .		5
100	Performance of Multiuser-Coded CDMA Systems With Transmit Diversity Over Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2009, 58, 2279-2287.	6.3	5
101	Performance of WiMAX for smart grid applications. , 2016, , .		5
102	Performance of smart grid communication in the presence of impulsive noise. , 2016, , .		5
103	Unsupervised Two-Stage Learning Framework for Cooperative Spectrum Sensing. , 2021, , .		5
104	Unsupervised Deep Learning Approach for Near Optimal Power Allocation in CRAN. IEEE Transactions on Vehicular Technology, 2021, 70, 7059-7070.	6.3	5
105	Impact of Limited Hop Count on Connectivity of Millimeter Wave Networks. , 2020, , .		5
106	Cell search evaluation: A step towards the next generation LTE-MTC systems. , 2016, , .		4
107	A novel one-bit quantization design for correlation-based low-power wideband sensing. , 2016, , .		4
108	Partial Variable-Gain AF Relay Selection with Outdated Channel Estimates in Spectrum-Sharing Networks. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
109	Coverage and Capacity Analysis with Stretched Exponential Path Loss in Ultra-Dense Networks. , 2017, , .		4
110	Performance Analysis of Turbo Codes and Distributed Turbo Codes in Buffer-Aided Relay Systems. IEEE Transactions on Communications, 2019, 67, 4620-4633.	7.8	4
111	Learning-Based Cooperative Spectrum Sensing in Hybrid Underlay-Interweave Secondary Networks. , 2020, , .		4
112	Secrecy Performance in Ultra-Dense Networks with Multiple Associations. , 2020, , .		4
113	Error control coding and space-time MMSE multiuser detection in DS-CDMA systems. Journal of Communications and Networks, 2003, 5, 187-196.	2.6	3
114	Performance Analysis of a New Transmission Scheme for Multi-Relay Channels. Signal Processing Systems Design and Implementation (siPS), IEEE Workshop on, 2006, , .	0.0	3
115	Multiuser Detection in MIMO DS-CDMA Systems Over Slow-Fading Channels. , 2006, , .		3
116	Analysis of a Distributed Coded Cooperation Scheme for Multi-Relay Channels. , 2007, , .		3
117	Multiuser decorrelator detectors in MIMO CDMA systems over Nakagami fading channels. IEEE Transactions on Wireless Communications, 2009, 8, 1944-1952.	9.2	3
118	Reduced Complexity MIMO Concatenated Code in Fading Channels. IEEE Communications Letters, 2011, 15, 746-748.	4.1	3
119	Finite-SNR diversity-multiplexing tradeoff for spatially correlated Rayleigh MIMO channels. , 2014, , .		3
120	A Novel Spectrum Monitoring Algorithm for OFDM-Based Cognitive Radio Networks. , 2015, , .		3
121	A relay subset selection scheme for Wireless Sensor Networks based on channel state information. , 2016, , .		3
122	Performance analysis of secure communications over $\hat{I}_{\pm}^{-\hat{I}^{1/4}}/\hat{I}^{\pm-\hat{I}^{1/4}}$ fading channels. , 2017, , .		3
123	Uplink Coverage of Machine-Type Communications in Ultra-Dense Networks. , 2018, , .		3
124	Compact Ultra-Wideband Printed Bandpass Filter Based on Coupled-Line Resonator Loading. , 2018, , .		3
125	Physical-Layer Security over Generalized SIMO Multipath Fading Channels. , 2019, , .		3
126	Cascaded $\hat{I}^{\pm-\hat{\mu}}$ Fading Channels with Colluding Eavesdroppers: Physical-Layer Security Analysis. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
127	Fast-Grant Learning-Based Approach for Machine-Type Communications With NOMA. , 2021, , .		3
128	USRP RIO-Based Testbed for Real-Time Blind Digital Modulation Recognition in MIMO Systems. IEEE Communications Letters, 2022, 26, 2500-2504.	4.1	3
129	Performance Analysis of Space-Time Diversity in Multiuser CDMA Systems over Fading Channels. , 2006, , .		2
130	WSN11-6: Throughput Performance of Cooperative Diversity in Mobile Ad Hoc Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
131	Performance of decorrelator detector in space-time CDMA systems over quasi-static and frequency non-selective Nakagami-m fading channels. , 2007, , .		2
132	BER Performance of MIMO-SM with Zero-Forcing in Spatially Correlated Ricean Fading. , 2009, , .		2
133	On Reducing Blocking Probability in Cooperative Ad-hoc Networks. , 2009, , .		2
134	MIMO Cross-Layer Design for Ad-Hoc Networks. , 2010, , .		2
135	Game theory for channel assignment of cognitive radios. , 2010, , .		2
136	Cross-Layer Design for Cognitive MIMO Ad-Hoc Networks. , 2011, , .		2
137	Power assignment in multi-relay adaptive DF cooperative networks. , 2012, , .		2
138	Throughput maximization approach for O-MIMO systems using MGDM technique. , 2012, , .		2
139	Cross-layer relay selection criterion for cooperative-diversity networks. , 2012, , .		2
140	Selection relaying in coded cooperation with delayed CSI over Rayleigh fading channels. , 2014, , .		2
141	AF turbo-coded selective relaying with imperfect channel state information. , 2014, , .		2
142	Throughput performance of MIMO cognitive networks. , 2014, , .		2
143	Enhancing the Performance of Amplify-and-Forward Cognitive Relay Networks: A Multiple-Relay Scenario. , 2015, , .		2
144	A proposed enhanced scheme for the dynamic frequency hopping performance in the IEEE 802.22 standard. Wireless Communications and Mobile Computing, 2016, 16, 2714-2729.	1.2	2

#	ARTICLE	IF	CITATIONS
145	Cooperative Low-Power Wideband Sensing Based on 1-bit Quantization. IEEE Communications Letters, 2018, 22, 368-371.	4.1	2
146	Secrecy performance analysis over mixed $\hat{\Gamma}_\pm$ and $\hat{\Gamma}^e$ fading channels. , 2018, , .		2
147	An integrated FEC coding scheme for ATM transmission over regenerative satellite networks. International Journal of Satellite Communications and Networking, 2005, 23, 33-46.	1.8	1
148	Performance Analysis of Transmit Diversity in Multiuser DS-CDMA Systems Over Quasi-Static Fading Channels. , 2006, , .		1
149	Lossless Source Coding using Tree Structured Random Binning. , 2006, , .		1
150	WLC31-6: Performance Analysis of Multiuser MIMO CDMA Systems in Fast-Fading Channels. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	1
151	A Directional Routing Protocol for Ad Hoc Networks with Angle-of-Arrival Estimation. , 2007, , .		1
152	Space-Time CDMA Systems over Nakagami-M Fast-Fading Channels. , 2007, , .		1
153	Lossless source coding using repeat-accumulate codes. , 2007, , .		1
154	An adaptive multiuser detector for DS-CDMA systems in multipath fading channels. International Journal of Communication Systems, 2007, 20, 1299-1313.	2.5	1
155	An Adaptive MMOE-PIC Detector for Asynchronous DS-CDMA Communications. Wireless Personal Communications, 2007, 42, 607-618.	2.7	1
156	Antenna selection approach for decision-feedback detectors over MIMO flat fading channels. , 2008, , .		1
157	Joint Decorrelating Channel and Data Estimation for Space-Time Spreading Systems. IEEE Vehicular Technology Conference, 2008, , .	0.4	1
158	Combined antenna selection and beamforming in cross-layer design for cognitive networks. , 2012, , .		1
159	Channel selection for heterogeneous nodes in cognitive networks. , 2013, , .		1
160	AF relaying in underlay spectrum-sharing systems with outdated CSI. , 2016, , .		1
161	Cooperative amplify-and-forward partial relay selection with outdated channel information in spectrum-sharing systems. Wireless Communications and Mobile Computing, 2016, 16, 2605-2618.	1.2	1
162	Incremental Relaying for Time-Varying Fading Channels With Thresholds at Relay and Destination. IEEE Transactions on Communications, 2018, 66, 1871-1882.	7.8	1

#	ARTICLE	IF	CITATIONS
163	Fast-Decoding Channel Estimation Technique for Downlink Control Channel in LTE-MTC Systems. , 2018, , .		1
164	Full Band Compact Power Arm Subsystem With High Directive Sample. IEEE Access, 2020, 8, 128683-128691.	4.2	1
165	Performance Analysis of Wireless Communication Systems Subject to $\hat{\rho}^{-1/4}$ Extreme Fading. , 2020, , .		1
166	Unsupervised Deep Learning for Power Allocation in CRAN. , 2021, , .		1
167	Ergodic Secrecy Rate Analysis of Ultra-Dense Networks with Multiple Antennas. , 2021, , .		1
168	A BLMS adaptive receiver for direct-sequence code division multiple access systems. Journal of Communications and Networks, 2005, 7, 243-247.	2.6	0
169	Fixed-to-Variable Length Source Coding Using Turbo Codes. Signal Processing Systems Design and Implementation (siPS), IEEE Workshop on, 2006, , .	0.0	0
170	Random Binning and Turbo Source Coding for Lossless Compression of Memoryless Sources. , 2006, , .		0
171	WSN07-5: Performance of Directional MAC Protocols in Ad-Hoc Networks over Fading Channels. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	0
172	Space-time spreading and diversity in asynchronous CDMA systems over frequency-selective fading channels. , 2007, , .		0
173	Performance of Cooperative Ad-Hoc Networks with Position Estimation Errors. , 2007, , .		0
174	Performance analysis of coded space-time adaptive detection in DS/CDMA systems over Rayleigh fading channels. Wireless Communications and Mobile Computing, 2007, 7, 341-353.	1.2	0
175	A convolutionally coded CDMA system with transmit diversity over Nakagami fading channels. , 2008, , .		0
176	Cross-Layer Criterion for MIMO Spatial Multiplexing Systems with Imperfect CSI. , 2009, , .		0
177	Joint Iterative Channel Estimation and Data Detection for MIMO-CDMA Systems over Frequency-Selective Fading Channels. , 2010, , .		0
178	EM Channel Estimation and Data Detection for MIMO-CDMA Systems over Slow-Fading Channels. , 2010, , .		0
179	Outage performance in cooperative CDMA systems over nakagami-m fading channels. , 2011, , .		0
180	Cooperative Diversity in Coded CDMA Systems over Frequency-Selective Fading Channels. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
181	Asymptotic Outage Probability for Amplify-and-Forward CDMA Systems over Nakagami-m Fading Channels. , 2012, , .		0
182	Performance of distributed turbo-coded cooperative networks with multiple dual-hop relays over Nakagami-m fading channels. , 2013, , .		0
183	Transmit antenna selection for coded multiple-input dual-output systems. , 2014, , .		0
184	Enhancing the Performance of Amplify-and-Forward Cognitive Relay Networks: A Multiple-Relay Scenario. , 2014, , .		0
185	A Novel Spectrum Monitoring Algorithm for OFDM-Based Cognitive Radio Networks. , 2014, , .		0
186	Performance of Enhanced Dynamic Frequency Hopping in IEEE 802.22 with MIMO Implementation. , 2016, , .		0
187	A cooperative sensing scheme for cognitive networks over fading channels. , 2016, , .		0
188	Average downlink rate in Ultra-Dense Networks. , 2017, , .		0
189	Performance analysis of turbo-coded cooperative relaying in spectrum-sharing systems. , 2017, , .		0
190	Performance of Overload Control in Machine- to-Machine Wireless Networks. , 2018, , .		0
191	A Delay-Efficient Deep Learning Approach for Lossless Turbo Source Coding. IEEE Transactions on Vehicular Technology, 2022, 71, 6704-6709.	6.3	0