

Gunes Karabulut Kurt

List of Publications by Year in descending order

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264
papers

2,631
citations

279487

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253896

43
g-index

264
all docs

264
docs citations

264
times ranked

2236
citing authors

#	ARTICLE	IF	CITATIONS
1	HAPS-Assisted Hybrid RF-FSO Multicast Communications: Error and Outage Analysis. IEEE Transactions on Aerospace and Electronic Systems, 2023, 59, 140-152.	2.6	7
2	Whispering Lies to the Eavesdropper: Physical Layer Spoofing Against Eavesdropping Attacks. IEEE Systems Journal, 2023, 17, 1581-1590.	2.9	0
3	Energy-Efficient RIS-Assisted Satellites for IoT Networks. IEEE Internet of Things Journal, 2022, 9, 14891-14899.	5.5	22
4	The Secrecy Comparison of RF and FSO Eavesdropping Attacks in Mixed RF-FSO Relay Networks. IEEE Photonics Journal, 2022, 14, 1-8.	1.0	13
5	Graph Attention Network-Based Single-Pixel Compressive Direction of Arrival Estimation. IEEE Communications Letters, 2022, 26, 562-566.	2.5	2
6	Wireless Network Reliability Analysis for Arbitrary Network Topologies. IEEE Transactions on Vehicular Technology, 2022, 71, 2788-2797.	3.9	3
7	A Weather-Dependent Hybrid RF/FSO Satellite Communication for Improved Power Efficiency. IEEE Wireless Communications Letters, 2022, 11, 573-577.	3.2	21
8	Unified Performance Analysis of Antenna Selection Schemes for Cooperative MIMO-NOMA With Practical Impairments. IEEE Transactions on Wireless Communications, 2022, 21, 4364-4378.	6.1	11
9	Cooperation in Space: HAPS-Aided Optical Inter-Satellite Connectivity With Opportunistic Scheduling. IEEE Communications Letters, 2022, 26, 882-886.	2.5	8
10	Authentication and Handover Challenges and Methods for Drone Swarms. IEEE Journal of Radio Frequency Identification, 2022, 6, 220-228.	1.5	9
11	LEO Satellites in 5G and Beyond Networks: A Review From a Standardization Perspective. IEEE Access, 2022, 10, 35040-35060.	2.6	29
12	Caching and Computation Offloading in High Altitude Platform Station (HAPS) Assisted Intelligent Transportation Systems. IEEE Transactions on Wireless Communications, 2022, 21, 9010-9024.	6.1	23
13	Physical Layer Authentication for LEO Satellite Constellations. , 2022, , .		10
14	Reconfigurable Intelligent Surfaces in Action for Nonterrestrial Networks. IEEE Vehicular Technology Magazine, 2022, 17, 45-53.	2.8	8
15	Location Management in Internet Protocol-Based Future LEO Satellite Networks: A Review. IEEE Open Journal of the Communications Society, 2022, 3, 1035-1062.	4.4	7
16	Wireless Power Transmission on Martian Surface for Zero-Energy Devices. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 3870-3880.	2.6	1
17	Cost-effective test-bed for secure visible-light communication. Optical Engineering, 2022, 61, .	0.5	0
18	An Application-Driven Nonorthogonal-Multiple-Access-Enabled Computation Offloading Scheme. IEEE Internet of Things Journal, 2021, 8, 1453-1466.	5.5	8

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19	Design and Implementation of Spatial Correlation-Based Clustering for Multiuser MISO-NOMA Systems. IEEE Communications Letters, 2021, 25, 254-258.	2.5	3
20	Convolutional Neural Network-Based Signal Classification in Real Time. IEEE Embedded Systems Letters, 2021, 13, 186-189.	1.3	1
21	A Vision and Framework for the High Altitude Platform Station (HAPS) Networks of the Future. IEEE Communications Surveys and Tutorials, 2021, 23, 729-779.	24.8	179
22	Spectrum Sensing and Signal Identification With Deep Learning Based on Spectral Correlation Function. IEEE Transactions on Vehicular Technology, 2021, 70, 10514-10527.	3.9	25
23	High Altitude Platform Station Based Super Macro Base Station Constellations. IEEE Communications Magazine, 2021, 59, 103-109.	4.9	74
24	Site Diversity in Downlink Optical Satellite Networks Through Ground Station Selection. IEEE Access, 2021, 9, 31179-31190.	2.6	35
25	NOMA Computation Over Multi-Access Channels for Multimodal Sensing. IEEE Wireless Communications Letters, 2021, , 1-1.	3.2	0
26	A Countermeasure for Traffic Analysis Attacks: Covert Communications With Digital Modulation. IEEE Wireless Communications Letters, 2021, 10, 441-445.	3.2	5
27	Reconfigurable Intelligent Surfaces for the Connectivity of Autonomous Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 2508-2513.	3.9	34
28	Improved physical layer security of visible light communications with focused light emitters. Optics Communications, 2021, 485, 126752.	1.0	2
29	Modeling and Analysis of Short Distance Sub-Terahertz Communication Channel via Mixture of Gamma Distribution. IEEE Transactions on Vehicular Technology, 2021, 70, 2945-2954.	3.9	21
30	Physical Layer Security Framework for Optical Non-Terrestrial Networks. , 2021, , .		7
31	Future Ultra-Dense LEO Satellite Networks: A Cell-Free Massive MIMO Approach. , 2021, , .		18
32	Intermittent Jamming against Telemetry and Telecommand of Satellite Systems and A Learning-driven Detection Strategy. , 2021, , .		6
33	Channel Estimation for Full-Duplex RIS-assisted HAPS Backhauling with Graph Attention Networks. , 2021, , .		11
34	Consensus Analysis of Wireless Multi-Agent Systems Over Fading Channels. IEEE Wireless Communications Letters, 2021, 10, 1528-1531.	3.2	3
35	A Vision of Self-Evolving Network Management for Future Intelligent Vertical HetNet. IEEE Wireless Communications, 2021, 28, 96-105.	6.6	19
36	Securing the Inter-Spacecraft Links: Physical Layer Key Generation From Doppler Frequency Shift. IEEE Journal of Radio Frequency Identification, 2021, 5, 232-243.	1.5	5

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37	Group Handover for Drone Base Stations. IEEE Internet of Things Journal, 2021, 8, 13876-13887.	5.5	13
38	Communication, Computing, Caching, and Sensing for Next-Generation Aerial Delivery Networks: Using a High-Altitude Platform Station as an Enabling Technology. IEEE Vehicular Technology Magazine, 2021, 16, 108-117.	2.8	18
39	Secure network coding for data encoded using subspace codes. Physical Communication, 2021, 48, 101408.	1.2	2
40	Physical layer authentication for extending battery life. Ad Hoc Networks, 2021, 123, 102683.	3.4	3
41	Harmonic Retrieval of CFO and Frame Misalignment for OFDM-based Inter-Satellite Links. , 2021, , .		2
42	Localization Threats in Next-Generation Wireless Networks. IEEE Communications Magazine, 2021, 59, 51-57.	4.9	4
43	Group Authentication for Drone Swarms. , 2021, , .		5
44	High Altitude Platform Station (HAPS) Assisted Computing for Intelligent Transportation Systems. , 2021, , .		5
45	Energy-Efficient Over-the-Air Computation Scheme for Densely Deployed IoT Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 3558-3565.	7.2	12
46	Transmit Antenna Selection for Large-Scale MIMO GSM With Machine Learning. IEEE Wireless Communications Letters, 2020, 9, 113-116.	3.2	21
47	A Hybrid Key Generation and a Verification Scheme. IEEE Transactions on Industrial Informatics, 2020, 16, 703-714.	7.2	8
48	On the Limitations of GPS Time-Spoofing Attacks. , 2020, , .		5
49	The effective capacity of two-unicast network coding STBC under retransmission schemes. , 2020, 106, 102819.		1
50	A Garden of Cyber Physical Systems: Requirements, Challenges, and Implementation Aspects. IEEE Internet of Things Magazine, 2020, 3, 84-89.	2.0	7
51	Authenticated Data Transmission Using Analog Function Computation. IEEE Communications Letters, 2020, 24, 2421-2425.	2.5	2
52	Effective capacity of two way relay channels under retransmission schemes. AEU - International Journal of Electronics and Communications, 2020, 124, 153321.	1.7	1
53	Robust and Fast Automatic Modulation Classification with CNN under Multipath Fading Channels. , 2020, , .		23
54	Efficient Physical Layer Spoofing Detection with an Autoregressive Model. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
55	A Prospective Look: Key Enabling Technologies, Applications and Open Research Topics in 6G Networks. IEEE Access, 2020, 8, 174792-174820.	2.6	192
56	Effects of Different Modulation Techniques on Charging Time in RF Energy-Harvesting System. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6904-6911.	2.4	8
57	Bit Error Rate for NOMA Network. IEEE Communications Letters, 2020, 24, 1188-1191.	2.5	53
58	A Flexible and Lightweight Group Authentication Scheme. IEEE Internet of Things Journal, 2020, 7, 10277-10287.	5.5	30
59	Identification of smart jammers: Learning-based approaches using wavelet preprocessing. Physical Communication, 2020, 39, 101029.	1.2	12
60	Effective capacity of multi-unicast flows using network coded ARQ. Electronics Letters, 2020, 56, 464-467.	0.5	1
61	Reputation Based Attacker Identification Policy for Multi-Access Edge Computing in Internet of Things. IEEE Transactions on Vehicular Technology, 2020, 69, 15346-15356.	3.9	12
62	A Countermeasure against Smart Jamming Attacks on LTE Synchronization Signals. Journal of Communications, 2020, , 626-632.	1.3	4
63	Physical Layer Security of Cognitive IoT Networks. Internet of Things, 2020, , 101-123.	1.3	3
64	LDPC Coded OFDM-IM Performance Evaluation Under Jamming Attack. , 2020, , .		2
65	Securing the Inter-Spacecraft Links: Doppler Frequency Shift based Physical Layer Key Generation. , 2020, , .		4
66	OFDM-IM Performance Evaluation Under Jamming Attack. , 2020, , .		2
67	A Holistic Investigation of Terahertz Propagation and Channel Modeling toward Vertical Heterogeneous Networks. IEEE Communications Magazine, 2020, 58, 14-20.	4.9	34
68	Jamming Resilience of LTE Networks: A Measurement Study. Lecture Notes in Electrical Engineering, 2019, , 151-162.	0.3	2
69	On the Decoding Failure Probability of Random Network Coded Cooperation. , 2019, , .		1
70	Physical Layer Spoofing Against Eavesdropping Attacks. , 2019, , .		3
71	Wireless Channel Induced Coding. IEEE Communications Letters, 2019, 23, 1688-1691.	2.5	2
72	Utility privacy trade-off in communication systems. , 2019, , 293-314.		0

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73	Secure multiuser MIMO communication systems with imperfect channel state information. Physical Communication, 2019, 37, 100863.	1.2	3
74	Modeling of Multiple Energy Sources for Hybrid Energy Harvesting IoT Systems. IEEE Internet of Things Journal, 2019, 6, 10846-10854.	5.5	39
75	Estimating Network Flow Length Distributions via Bayesian Nonnegative Tensor Factorization. Wireless Communications and Mobile Computing, 2019, 2019, 1-17.	0.8	1
76	A Key Verification Protocol for Quantum Key Distribution. IEEE Access, 2019, 7, 141386-141394.	2.6	4
77	The Effect of Jammers in Multi Agent Systems. , 2019, , .		0
78	Non-Orthogonal Multiple Access System Implementation in Software Defined Radios. , 2019, , .		2
79	Jammer Detection based on Artificial Neural Networks. , 2019, , .		28
80	Silver nanowire coated knitted wool fabrics for wearable electronic applications. Journal of Engineered Fibers and Fabrics, 2019, 14, 155892501985622.	0.5	21
81	Terahertz band communication systems: Challenges, novelties and standardization efforts. Physical Communication, 2019, 35, 100700.	1.2	98
82	Modeling of Hybrid Energy Harvesting Communication Systems. IEEE Transactions on Green Communications and Networking, 2019, 3, 523-534.	3.5	20
83	Efficiency in RF energy harvesting systems: A comprehensive review. Energy, 2019, 174, 292-309.	4.5	126
84	UAV Assisted Ground User Localization. , 2019, , .		6
85	A Testbed Implementation of Localization in Wireless Heterogeneous Networks. , 2019, , .		0
86	Multi-Dimensional Wireless Signal Identification Based on Support Vector Machines. IEEE Access, 2019, 7, 138890-138903.	2.6	24
87	On the Investigation of Wireless Signal Identification Using Spectral Correlation Function and SVMs. , 2019, , .		2
88	Statistical Channel Modeling for Short Range Line-of-Sight Terahertz Communication. , 2019, , .		9
89	Antenna Selection on Spatial Modulation: A Machine Learning Approach. , 2019, , .		2
90	Using Perfect Codes in Relay Aided Networks: A Security Analysis. , 2019, , .		0

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91	Inter-Network Localization Frameworks for Heterogeneous Networks With Multi-Connectivity. IEEE Transactions on Vehicular Technology, 2019, 68, 1839-1851.	3.9	4
92	The impact of out of band emissions: A measurement based performance comparison of UF-OFDM and CP-OFDM. Physical Communication, 2019, 33, 78-89.	1.2	5
93	Robust matching algorithms for carrier aggregated heterogeneous networks. Physical Communication, 2019, 33, 123-134.	1.2	0
94	Identification of Non-Conforming Cordless Phone Signals in Licensed Bands. Lecture Notes in Electrical Engineering, 2019, , 271-280.	0.3	0
95	Superposition Coded-Orthogonal Frequency Division Multiplexing. IEEE Access, 2018, 6, 14842-14856.	2.6	3
96	Finite-State Markov Channel Based Modeling of RF Energy Harvesting Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 1713-1725.	3.9	16
97	Secure multiuser MISO communication systems with limited feedback link. Annales Des Telecommunications/Annals of Telecommunications, 2018, 73, 381-390.	1.6	1
98	Spatial signature for secure MISO-OFDM systems. Electronics Letters, 2018, 54, 601-603.	0.5	1
99	A Joint Optimization Scheme for Artificial Noise and Transmit Filter for Half and Full Duplex Wireless Cyber Physical Systems. IEEE Transactions on Sustainable Computing, 2018, 3, 126-136.	2.2	5
100	Using of Wavelets for Secret Key Generation: A Measurement Based Study. , 2018, , .		2
101	Adaptation of Carrier Sensing Threshold to Increase Throughput in Dense 802.11ac Wireless Networks. , 2018, , .		1
102	Jamming Detection: A Multicarrier Approach. , 2018, , .		4
103	Learning-based indoor localization for industrial applications. , 2018, , .		3
104	On the Performance of NCC-OFDMA with Single Relay Selection. , 2018, , .		1
105	Trust-Based Stable Matching Approach for Carrier Aggregated Heterogeneous Networks. , 2018, , .		0
106	Joint Channel Coding and Cooperative Network Coding on PSK Constellations in Wireless Networks. , 2018, , .		4
107	Performance Evaluation of a Live Multi-Site LTE Network. IEEE Access, 2018, 6, 49690-49704.	2.6	4
108	Media-based modulation for secrecy communications. Electronics Letters, 2018, 54, 789-791.	0.5	13

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109	A Tutorial on Nonorthogonal Multiple Access for 5G and Beyond. Wireless Communications and Mobile Computing, 2018, 2018, 1-24.	0.8	196
110	Universal Filtered OFDM with Filter Shift Keying - Invited Paper. , 2018, , .		2
111	Effect of channel fading on reaching consensus in multi-agent systems. , 2018, , .		2
112	A filter selection based physical layer security system. , 2018, , .		0
113	Nonorthogonal Multiple Access for 5G and Beyond. Wireless Communications and Mobile Computing, 2018, 2018, 1-2.	0.8	17
114	Security analysis of hamming codes in relay aided networks. , 2018, , .		0
115	The Safety Analysis: Disagreement of Wireless Communication-Based Consensus. IEEE Wireless Communications Letters, 2018, 7, 998-1001.	3.2	3
116	Implementation of Network Coding in Wireless Systems. Signals and Communication Technology, 2018, , 295-317.	0.4	1
117	Error Performance Analysis of Random Network Coded Cooperation Systems. IEEE Transactions on Wireless Communications, 2017, 16, 5325-5337.	6.1	3
118	Finite-SNR Diversity-Multiplexing Tradeoff for Network Coded Cooperative OFDMA Systems. IEEE Transactions on Wireless Communications, 2017, 16, 1385-1396.	6.1	23
119	Performance of limited feedback secure MISO systems in temporally correlated channels. , 2017, , .		0
120	Blind recognition of OFDM signals based on cyclostationary signal analysis. , 2017, , .		1
121	RSS based localization by using lognormal mixture shadowing model. , 2017, , .		1
122	Impact of the communication channel on information theoretical privacy. , 2017, , .		2
123	A Bayesian Perspective on RSS Based Localization for Visible Light Communication With Heterogeneous Networks Extension. IEEE Access, 2017, 5, 17487-17500.	2.6	14
124	An encryption aware physical layer security system. , 2017, , .		5
125	Cognitive Radio Testbeds: State of the Art and an Implementation. Signals and Communication Technology, 2017, , 183-210.	0.4	5
126	Proposal and analysis of consecutive results maximum to minimum eigenvalue spectrum sensing algorithm. , 2017, , .		1

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127	Implementing cooperative communication protocols: Decode and forward case study. , 2017, , .		0
128	Key Error Rates in Physical Layer Key Generation: Theoretical Analysis and Measurement-Based Verification. IEEE Wireless Communications Letters, 2017, 6, 766-769.	3.2	22
129	Chirp subcarrier jamming attacks: an OFDM based smart jammer design. , 2017, , .		1
130	Inter-network cooperative localization in heterogeneous networks with unknown transmit power. , 2017, , .		0
131	Channel coded complex field network coding in two-way relay networks. , 2017, , .		1
132	Compressed sensing technique for synchronization and channel estimation in OFDMA uplink transmissions. , 2017, , .		1
133	An empirical study on gamma shadow fading based localization. , 2017, , .		0
134	On the performance of NCC-OFDMA systems in the presence of carrier frequency offset. , 2017, , .		0
135	How Effective is the Artificial Noise? Real-Time Analysis of a PHY Security Scenario. , 2017, , .		4
136	Space-frequency grouping based key extraction for MIMO-OFDM systems. , 2017, , .		3
137	Impact of retransmissions on the quality of experience with realistic channel model. , 2017, , .		1
138	Practical Implementation of Index Modulation-Based Waveforms. IEEE Access, 2017, 5, 25463-25473.	2.6	27
139	Diversity Combining for RF Energy Harvesting. , 2017, , .		10
140	A testbed based verification of joint communication and computation systems. , 2017, , .		4
141	PHY based Jamming attacks against OFDM systems: A measurement study. , 2017, , .		1
142	Resource allocation for NOMA downlink systems: Genetic algorithm approach. , 2017, , .		13
143	Utility Privacy Trade-Off for Noisy Channels in OFDM Systems. , 2017, , .		1
144	IoT in Action: Design and Implementation of a Building Evacuation Service. Journal of Computer Networks and Communications, 2017, 2017, 1-13.	1.2	32

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145	Adaptive Control in Cyber-Physical Systems. , 2017, , 15-30.		4
146	Dynamic load management for IMS networks using network function virtualization. , 2016, , .		4
147	Verification of channel reciprocity implementation in software defined radios. , 2016, , .		0
148	Universal filtered multicarrier systems: Testbed deployment of a 5G waveform candidate. , 2016, , .		11
149	CP and pilot jamming attacks on SC-FDMA: Performance tests with software defined radios. , 2016, , .		6
150	OFDMA system identification using cyclic autocorrelation function: A software defined radio testbed. , 2016, , .		1
151	Hybrid Intrusion Detection System for DDoS Attacks. Journal of Electrical and Computer Engineering, 2016, 2016, 1-8.	0.6	86
152	Frequency Switching for Simultaneous Wireless Information and Power Transfer. , 2016, , .		1
153	Network coded cooperation in delay tolerant networks. , 2016, , .		1
154	A testbed for image transmission over a network coded cooperation system. , 2016, , .		0
155	Performance of secure multiuser MISO systems with threshold based user selection. , 2016, , .		1
156	Backhaul infrastructures in building automation systems: Wired or wireless?. , 2016, , .		0
157	Channel coded complex field network coding with OFDM in wireless networks. , 2016, , .		0
158	Enhanced XOR network coding scheme with OFDM for two-way relay networks. , 2016, , .		2
159	A tutorial on network coded cooperation. IEEE Communications Surveys and Tutorials, 2016, 18, 2970-2990.	24.8	35
160	Joint Subcarrier and Power Allocation in OFDMA Systems for Outage Minimization. IEEE Communications Letters, 2016, 20, 2007-2010.	2.5	6
161	CONDENSE: A Reconfigurable Knowledge Acquisition Architecture for Future 5G IoT. IEEE Access, 2016, 4, 3360-3378.	2.6	28
162	Full-duplex transmission: A software defined radio implementation. , 2016, , .		1

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163	Received signal strength based localization in sectorized cellular networks. , 2016, , .		2
164	Angle of arrival (AoA) estimation by using software defined radios. , 2016, , .		4
165	A Network Monitoring System for High Speed Network Traffic. , 2016, , .		9
166	Complex field network coding with OFDM in distributed wireless networks. , 2016, , .		0
167	Secure multiuser MISO communication systems with quantized feedback. , 2016, , .		1
168	Finite-SNR DMT Analysis for Multisource Multirelay NCC Systems with Imperfect CSI. , 2016, , .		3
169	Comparison of modulation types in pilot-based sparse channel estimation for OFDM. , 2016, , .		0
170	OFDMA-based network-coded cooperation: design and implementation using software-defined radio nodes. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.0	13
171	Compressive sensing based joint frequency offset and channel estimation for OFDM. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	1.5	2
172	DDoS attack detection using matching pursuit algorithm. , 2016, , .		9
173	User behavior modeling of voice communications: an empirical study. Wireless Communications and Mobile Computing, 2016, 16, 29-46.	0.8	1
174	Energy Harvesting From Multiple RF Sources in Wireless Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 8854-8864.	3.9	37
175	On Reducing Power Consumption of Transmitting Stations in 802.11 MIMO Networks. IEEE Communications Letters, 2016, 20, 332-335.	2.5	1
176	Electromagnetic Imaging of Closely Spaced Objects Using Matching Pursuit Based Approaches. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1179-1182.	2.4	11
177	Implementation of an indoor localization algorithms on an FPGA. , 2015, , .		0
178	Implementation of pre-FFT beamforming in MIMO-OFDM. , 2015, , .		1
179	Performance of TCP over 802.11ac based WLANs via testbed measurements. , 2015, , .		6
180	A building automation system demonstration. , 2015, , .		3

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181	Secure Probability Map: Transmission Policy Design for Passive Eavesdroppers in Correlated Channels. , 2015, , .		4
182	Advanced approaches for wireless sensor network applications and cloud analytics. , 2015, , .		4
183	Different numbers of subcarrier allocation in OFDMA systems via random bipartite graphs. , 2015, , .		0
184	Filter hopping: Physical layer secrecy based on FBMC. , 2015, , .		4
185	Lognormal mixture Cramer-Rao lower bound for localization. , 2015, , .		2
186	Decoding failure probability of random network coding systems in fading channels. , 2015, , .		1
187	Joint power and subcarrier allocation in OFDMA systems. , 2015, , .		1
188	Design and implementation of a software defined radio based OFDMA network. , 2015, , .		2
189	Analysis for reducing power consumption of wireless local area network access points. , 2015, , .		0
190	Applications of stable matching algorithm in wireless communication systems. , 2015, , .		0
191	The impact of filters on the error vector magnitude in software defined radios. , 2015, , .		1
192	Implementation of real time channel based spectrum monitoring for 2.4 GHz ISM band. , 2015, , .		1
193	Lognormal Mixture Shadowing. IEEE Transactions on Vehicular Technology, 2015, 64, 4386-4398.	3.9	30
194	The Effect of Shadow Fading Distributions on Outage Probability and Coverage Area. , 2015, , .		2
195	The impact of MAC layer parameters in system performance of 802.11ac multi-hop networks. , 2015, , .		0
196	Adaptive Physical Layer Security Framework for Wireless Systems. , 2015, , .		1
197	Diversity-multiplexing tradeoff for network coded cooperative OFDMA systems. , 2015, , .		9
198	Application based energy consumption characterization of IEEE 802.11n/ac access points. , 2015, , .		2

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199	Comparison of sampling strategies for flow length estimation. , 2014, , .		0
200	Indoor localization applications. , 2014, , .		5
201	Practical full duplex physical layer network coding. , 2014, , .		18
202	Filter Optimization Aided Interference Management with Improved Secrecy. , 2014, , .		4
203	Statistical models for battery recharging time in RF energy harvesting systems. , 2014, , .		17
204	An energy consumption model for 802.11ac access points. , 2014, , .		6
205	A Probabilistic Framework for Estimating Call Holding Time Distributions. IEEE Transactions on Vehicular Technology, 2014, 63, 811-821.	3.9	8
206	Modelling of user behaviour in cellular networks. , 2014, , .		0
207	User behaviour modelling based DDoS attack detection. , 2014, , .		0
208	A High Data Rate Wireless Communication System With Improved Secrecy: Full Duplex Beamforming. IEEE Communications Letters, 2014, 18, 1075-1078.	2.5	20
209	Beamforming Aided Interference Management with Improved Secrecy for Correlated Channels. , 2014, , .		3
210	Physical Layer Security in Wireless Communication Networks. Advances in Information Security, Privacy, and Ethics Book Series, 2014, , 61-81.	0.4	2
211	On the performance of proximity-based services. Wireless Communications and Mobile Computing, 2013, 13, 1397-1405.	0.8	1
212	Data Rate Loss Due to Quantized SNR Estimates in Adaptive Bit Loading Algorithms. Wireless Personal Communications, 2013, 69, 1773-1781.	1.8	0
213	Effect of cooperative communications on power consumption in smart grid. , 2013, , .		0
214	Implementation and performance evaluation of dynamic spectrum access using software defined radios. , 2013, , .		0
215	Fractionally spaced self-interference canceler for full-duplex communication systems. , 2013, , .		0
216	An empirical study on call arrivals in cellular networks: Incoming and outgoing calls. , 2013, , .		2

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217	From adaptive to sufficient modulation and coding: Demand oriented mobile power optimization. , 2013, , .		0
218	Efficient PHY layer security in MIMO-OFDM: Spatiotemporal selective artificial noise. , 2013, , .		7
219	Physical layer security in cognitive radio networks: A beamforming approach. , 2013, , .		8
220	Effective capacity in multihop multi-rate adaptive cooperative networks under Nakagami-m fading. , 2013, , .		3
221	Mode selection rules for device-to-device communication: Design criteria and performance metrics. , 2013, , .		9
222	Digital-to-analog converter effects on orthogonal frequency division multiplexing performance. , 2013, , .		1
223	Full-duplex relaying communication. , 2013, , .		1
224	Speech quality estimation in MIMO-OFDM systems. , 2013, , .		0
225	Analog-to-digital converter effects on orthogonal frequency division multiplexing performance. , 2013, , .		1
226	Analysis of effective capacity under approximate composite fading. , 2013, , .		1
227	Analysis on the effects of artificial noise on physical layer security. , 2013, , .		7
228	Call holding time analysis in cellular networks. , 2013, , .		1
229	Effect of DDoS attacks on traffic features. , 2013, , .		4
230	Green communications via data demand foresight. , 2013, , .		0
231	The effect of sampling frequency offset on data transmission rates in OFDM systems. , 2012, , .		0
232	Spatial Correlation and MIMO Capacity at 2.4 GHz. Procedia Technology, 2012, 3, 9-17.	1.1	5
233	The effect of beamforming to service outage probability in femtocell deployments. , 2012, , .		0
234	Multi-antenna spectrum sensing for cognitive radio under Rayleigh channel. , 2012, , .		4

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235	Mimo channel capacity measurements. , 2012, , .		0
236	Voice over ZigBee wireless sensor network applications. , 2012, , .		3
237	Perceptual audio features for emotion detection. Eurasip Journal on Audio, Speech, and Music Processing, 2012, 2012, .	1.3	50
238	Analysis of cooperative MIMO transmission system with transmit antenna selection and selection combining. Wireless Communications and Mobile Computing, 2012, 12, 1266-1275.	0.8	3
239	Location estimation in multi-carrier systems using extended Kalman based interacting multiple model and data fusion. , 2011, , .		0
240	Effect of Nakagami-m fading on the QoE performance of VoIP in wireless mesh networks. , 2011, , .		5
241	A novel perceptual feature set for audio emotion recognition. , 2011, , .		10
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