

Georges Kaddoum

List of Publications by Year in descending order

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202
papers

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citations

81900

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g-index

202
all docs

202
docs citations

202
times ranked

4912
citing authors

#	ARTICLE	IF	CITATIONS
1	A Secure Multilayer Architecture for Software-Defined Space Information Networks. IEEE Consumer Electronics Magazine, 2023, 12, 64-72.	2.3	1
2	Deep Learning-Enabled Deceptive Jammer Detection for Low Probability of Intercept Communications. IEEE Systems Journal, 2023, 17, 2166-2177.	4.6	3
3	Energy Efficiency Optimization in LoRa Networksâ€™A Deep Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15435-15447.	8.0	8
4	Mobility Management in 5G and Beyond: A Novel Smart Handover With Adaptive Time-to-Trigger and Hysteresis Margin. IEEE Transactions on Mobile Computing, 2023, 22, 5995-6010.	5.8	11
5	A Secure Data Aggregation Strategy in Edge Computing and Blockchain-Empowered Internet of Things. IEEE Internet of Things Journal, 2022, 9, 14237-14246.	8.7	26
6	Analytical Guarantees for Hyperparameter Free RFF Based Deep Learning in the Low-Data Regime. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 634-638.	3.0	3
7	Designing a Pseudorandom Bit Generator With a Novel Five-Dimensional-Hyperchaotic System. IEEE Transactions on Industrial Electronics, 2022, 69, 6101-6110.	7.9	19
8	Toward Accurate Anomaly Detection in Industrial Internet of Things Using Hierarchical Federated Learning. IEEE Internet of Things Journal, 2022, 9, 7110-7119.	8.7	65
9	Partially Cooperative Scalable Spectrum Sensing in Cognitive Radio Networks Under SDF Attacks. IEEE Internet of Things Journal, 2022, 9, 8901-8912.	8.7	4
10	QoS and Privacy-Aware Routing for 5G-Enabled Industrial Internet of Things: A Federated Reinforcement Learning Approach. IEEE Transactions on Industrial Informatics, 2022, 18, 4189-4197.	11.3	22
11	Online Partial Offloading and Task Scheduling in SDN-Fog Networks With Deep Recurrent Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 11578-11589.	8.7	18
12	URLLC-Enabled by Laser Powered UAV Relay: A Quasi-Optimal Design of Resource Allocation, Trajectory Planning and Energy Harvesting. IEEE Transactions on Vehicular Technology, 2022, 71, 753-765.	6.3	36
13	SmartCon: Deep Probabilistic Learning-Based Intelligent Link-Configuration in Narrowband-IoT Toward 5G and B5G. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1147-1158.	7.9	4
14	Facilitating URLLC in UAV-Assisted Relay Systems With Multiple-Mobile Robots for 6G Networks: A Prospective of Agriculture 4.0. IEEE Transactions on Industrial Informatics, 2022, 18, 4954-4965.	11.3	33
15	ML-Based IDPS Enhancement With Complementary Features for Home IoT Networks. IEEE Transactions on Network and Service Management, 2022, 19, 772-783.	4.9	13
16	Design of a SIMO Deep Learning-Based Chaos Shift Keying (DLCSK) Communication System. Sensors, 2022, 22, 333.	3.8	6
17	Hyperparameter Free MEEF-Based Learning for Next Generation Communication Systems. IEEE Transactions on Communications, 2022, 70, 1682-1696.	7.8	3
18	Edge YOLO: Real-Time Intelligent Object Detection System Based on Edge-Cloud Cooperation in Autonomous Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25345-25360.	8.0	47

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19	Random Fourier Feature-Based Deep Learning for Wireless Communications. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 468-479.	7.9	9
20	Interference Management in Cellular-Connected Internet of Drones Networks With Drone-Pairing and Uplink Rate-Splitting Multiple Access. IEEE Internet of Things Journal, 2022, 9, 16060-16079.	8.7	9
21	Signal Space Diversity-Based Distributed RIS-Aided Dual-Hop Mixed RF-FSO Systems. IEEE Communications Letters, 2022, 26, 1066-1070.	4.1	9
22	A Survey of VANET/V2X Routing From the Perspective of Non-Learning- and Learning-Based Approaches. IEEE Access, 2022, 10, 23022-23050.	4.2	21
23	Spectrum Access Allocation in Vehicular Networks With Intermittently Interrupted Channels. IEEE Wireless Communications Letters, 2022, 11, 1151-1155.	5.0	0
24	URLLC in UAV-enabled multicasting systems: A dual time and energy minimization problem using UAV speed, altitude and beamwidth. Computer Communications, 2022, 187, 125-133.	5.1	18
25	Multi-Objective GAN-Based Adversarial Attack Technique for Modulation Classifiers. IEEE Communications Letters, 2022, 26, 1583-1587.	4.1	6
26	Joint Energy and Correlation Detection Assisted Non-Coherent OFDM-DCSK System for Underwater Acoustic Communications. IEEE Transactions on Communications, 2022, 70, 3742-3759.	7.8	18
27	Dual-Hop Mixed FSO-VLC Underwater Wireless Communication Link. IEEE Transactions on Network and Service Management, 2022, 19, 3105-3120.	4.9	8
28	Intelligent Virtual Resource Allocation of QoS-Guaranteed Slices in 5G-Enabled VANETs for Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19704-19713.	8.0	9
29	Channel Characterization for RIS-Aided Terahertz Communications: A Stochastic Approach. IEEE Wireless Communications Letters, 2022, 11, 1890-1894.	5.0	5
30	A federated calibration scheme for convolutional neural networks: Models, applications and challenges. Computer Communications, 2022, 192, 144-162.	5.1	28
31	Joint Impact of Phase Error, Transceiver Hardware Impairments, and Mobile Interferers on RIS-Aided Wireless System Over α - μ Fading Channels. IEEE Communications Letters, 2022, 26, 2312-2316.	4.1	8
32	Decision-Making Model for Securing IoT Devices in Smart Industries. IEEE Transactions on Industrial Informatics, 2021, 17, 4270-4278.	11.3	35
33	An Intelligent UAV based Data Aggregation Algorithm for 5G-enabled Internet of Things. Computer Networks, 2021, 185, 107628.	5.1	13
34	Heterogeneous Task Offloading and Resource Allocations via Deep Recurrent Reinforcement Learning in Partial Observable Multifog Networks. IEEE Internet of Things Journal, 2021, 8, 1041-1056.	8.7	67
35	URLLC Facilitated by Mobile UAV Relay and RIS: A Joint Design of Passive Beamforming, Blocklength, and UAV Positioning. IEEE Internet of Things Journal, 2021, 8, 4618-4627.	8.7	127
36	Kalman Filtering for Posture-Adaptive in-Bed Breathing Rate Monitoring Using Bed-Sheet Pressure Sensors. IEEE Sensors Journal, 2021, 21, 14339-14351.	4.7	4

#	ARTICLE	IF	CITATIONS
37	Blockchain and Deep Reinforcement Learning Empowered Spatial Crowdsourcing in Software-Defined Internet of Vehicles. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3755-3764.	8.0	27
38	PPCS: An Intelligent Privacy-Preserving Mobile-Edge Crowdsensing Strategy for Industrial IoT. IEEE Internet of Things Journal, 2021, 8, 10288-10298.	8.7	15
39	Quasi-Optimization of Uplink Power for Enabling Green URLLC in Mobile UAV-Assisted IoT Networks: A Perturbation-Based Approach. IEEE Internet of Things Journal, 2021, 8, 1674-1686.	8.7	22
40	Intrusion Detection for Cyber-Physical Systems Using Generative Adversarial Networks in Fog Environment. IEEE Internet of Things Journal, 2021, 8, 6247-6256.	8.7	70
41	Color-Domain SCMA NOMA for Visible Light Communication. IEEE Communications Letters, 2021, 25, 200-204.	4.1	8
42	Hyperparameter Free MEE-FP Based Localization. IEEE Signal Processing Letters, 2021, 28, 1938-1942.	3.6	5
43	Evolution Strategies for Lightwave Power Transfer Networks. IEEE Wireless Communications Letters, 2021, 10, 2572-2576.	5.0	5
44	ANN Assisted-IoT Enabled COVID-19 Patient Monitoring. IEEE Access, 2021, 9, 42483-42492.	4.2	24
45	A Novel Distributed Multi-Agent Reinforcement Learning Algorithm Against Jamming Attacks. IEEE Communications Letters, 2021, 25, 3204-3208.	4.1	8
46	Energy and SLA-driven MapReduce Job Scheduling Framework for Cloud-based Cyber-Physical Systems. ACM Transactions on Internet Technology, 2021, 21, 1-24.	4.4	1
47	Error Analysis of Localization Based on Minimum-Error Entropy With Fiducial Points. IEEE Communications Letters, 2021, 25, 1187-1191.	4.1	7
48	Performance Analysis of Maximum-Correntropy Based Detection for SCMA. IEEE Communications Letters, 2021, 25, 1114-1118.	4.1	9
49	Artificial Noise Injection-Based Secrecy Improvement for FSO Systems. IEEE Photonics Journal, 2021, 13, 1-12.	2.0	11
50	Deep Learning for MMSE Estimation of a Gaussian Source in the Presence of Bursty Impulsive Noise. IEEE Communications Letters, 2021, 25, 1211-1215.	4.1	5
51	Hyperparameter-Free Transmit-Nonlinearity Mitigation Using a Kernel-Width Sampling Technique. IEEE Transactions on Communications, 2021, 69, 2613-2627.	7.8	14
52	Reconfigurable Intelligent Surface for Mixed FSO-RF Systems With Co-Channel Interference. IEEE Communications Letters, 2021, 25, 1605-1609.	4.1	37
53	Reinforcement Learning for Deceiving Reactive Jammers in Wireless Networks. IEEE Transactions on Communications, 2021, 69, 3682-3697.	7.8	16
54	Next generation stock exchange: Recurrent neural learning model for distributed ledger transactions. Computer Networks, 2021, 193, 107998.	5.1	2

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55	Performance Analysis of Information Theoretic Learning-Based Cooperative Localization. IEEE Communications Letters, 2021, 25, 2196-2200.	4.1	4
56	Blockchain-Based Cyber-Physical Security for Electrical Vehicle Aided Smart Grid Ecosystem. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5178-5189.	8.0	37
57	Task Allocation Framework For Software-Defined Fog v-RAN. IEEE Internet of Things Journal, 2021, 8, 14187-14201.	8.7	4
58	Bursty Impulsive Noise Mitigation in NOMA: A MAP Receiver-Based Approach. IEEE Communications Letters, 2021, 25, 2790-2794.	4.1	2
59	LSTM-Based Channel Access Scheme for Vehicles in Cognitive Vehicular Networks With Multi-Agent Settings. IEEE Transactions on Vehicular Technology, 2021, 70, 9132-9143.	6.3	9
60	Joint Radio Resource Management and Link Adaptation for Multicasting 802.11ax-Based WLAN Systems. IEEE Transactions on Wireless Communications, 2021, 20, 6122-6138.	9.2	7
61	A Blockchain-Based Secure Data Aggregation Strategy Using Sixth Generation Enabled Network-in-Box for Industrial Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 7204-7212.	11.3	16
62	A Trusted Social Network Using Hypothetical Mathematical Model and Decision- Based Scheme. IEEE Access, 2021, 9, 4223-4232.	4.2	12
63	Smart Homes: How Much Will They Support Us? A Research on Recent Trends and Advances. IEEE Access, 2021, 9, 26388-26419.	4.2	28
64	Multi-RIS-Aided Wireless Systems: Statistical Characterization and Performance Analysis. IEEE Transactions on Communications, 2021, 69, 8641-8658.	7.8	76
65	Aerial Reconfigurable Intelligent Surface-Aided Wireless Communication Systems. , 2021, , .		16
66	Heterogeneous Blockchain and AI-Driven Hierarchical Trust Evaluation for 5G-Enabled Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, , 1-10.	8.0	16
67	An overview of generic tools for information-theoretic secrecy performance analysis over wiretap fading channels. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, 194.	2.4	3
68	An Efficient Intrusion Prevention System for CAN: Hindering Cyber-Attacks With a Low-Cost Platform. IEEE Access, 2021, 9, 166855-166869.	4.2	15
69	Distributed RIS-based Dual-hop Mixed FSO-RF Systems With RIS-Aided Jammer. , 2021, , .		7
70	Optimal Multi-Stage Clipping for Impulsive Noise Mitigation in OFDM-NOMA Systems. , 2021, , .		0
71	Impulsive Noise Parameter Estimation: A Deep CNN-LSTM Network Approach. , 2021, , .		1
72	Jamming Pattern Recognition over Multi-Channel Networks: A Deep Learning Approach. , 2021, , .		4

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73	Comparative Analytical Study of SCMA Detection Methods for PA Nonlinearity Mitigation. <i>Sensors</i> , 2021, 21, 8408.	3.8	2
74	Artificial Neural Network for in-Bed Posture Classification Using Bed-Sheet Pressure Sensors. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 101-110.	6.3	74
75	Secure Transmit Antenna Selection Protocol for MIMO NOMA Networks Over Nakagami- m Channels. <i>IEEE Systems Journal</i> , 2020, 14, 253-264.	4.6	23
76	Toward Secure and Provable Authentication for Internet of Things: Realizing Industry 4.0. <i>IEEE Internet of Things Journal</i> , 2020, 7, 4598-4606.	8.7	78
77	A multi-stage anomaly detection scheme for augmenting the security in IoT-enabled applications. <i>Future Generation Computer Systems</i> , 2020, 104, 105-118.	7.5	76
78	Secure and Lightweight Authentication Scheme for Smart Metering Infrastructure in Smart Grid. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 3548-3557.	11.3	90
79	A Big Data-Enabled Consolidated Framework for Energy Efficient Software Defined Data Centers in IoT Setups. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 2687-2697.	11.3	75
80	KEIDS: Kubernetes-Based Energy and Interference Driven Scheduler for Industrial IoT in Edge-Cloud Ecosystem. <i>IEEE Internet of Things Journal</i> , 2020, 7, 4228-4237.	8.7	96
81	A Framework for the Lower Bound on the BER of DCSK Systems Over Multi-Path Nakagami- m Fading Channels. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 1859-1863.	3.0	13
82	Quasi-Optimization of Distance and Blocklength in URLLC Aided Multi-Hop UAV Relay Links. <i>IEEE Wireless Communications Letters</i> , 2020, 9, 306-310.	5.0	42
83	Ergodic Capacity Analysis of Full Duplex Relaying in the Presence of Co-Channel Interference in V2V Communications. <i>Sensors</i> , 2020, 20, 261.	3.8	7
84	Antenna Array Gain and Capacity Improvements of Ultra-Wideband Millimeter Wave Systems Using a Novel Analog Architecture Design. <i>IEEE Wireless Communications Letters</i> , 2020, 9, 289-293.	5.0	4
85	Deep-Learning-Based SDN Model for Internet of Things: An Incremental Tensor Train Approach. <i>IEEE Internet of Things Journal</i> , 2020, 7, 6302-6311.	8.7	38
86	Full-Duplex Two-Tier Heterogeneous Network With Decoupled Access: Cell Association, Coverage, and Spectral Efficiency Analysis. <i>IEEE Access</i> , 2020, 8, 172982-172995.	4.2	5
87	RFF Based Detection for SCMA in Presence of PA Nonlinearity. <i>IEEE Communications Letters</i> , 2020, 24, 2604-2608.	4.1	9
88	A Deep learning approach for the Estimation of Middleton Class-A Impulsive Noise Parameters. , 2020, , .		9
89	Deep Chaos Synchronization. <i>IEEE Open Journal of the Communications Society</i> , 2020, 1, 1571-1582.	6.9	8
90	Trusted Orchestration for Smart Decision-Making in Internet of Vehicles. <i>IEEE Access</i> , 2020, 8, 157427-157436.	4.2	2

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91	Collaborative Spectrum Sensing in Tactical Wireless Networks. , 2020, , .		7
92	A fully CMOS true random number generator based on hidden attractor hyperchaotic system. Nonlinear Dynamics, 2020, 102, 2887-2904.	5.2	14
93	Lightwave Power Transfer for Federated Learning-Based Wireless Networks. IEEE Communications Letters, 2020, 24, 1472-1476.	4.1	24
94	Joint Relay Selection, Full-Duplex and Device-to-Device Transmission in Wireless Powered NOMA Networks. IEEE Access, 2020, 8, 82442-82460.	4.2	33
95	Mitigation Techniques for Impulsive Noise With Memory Modeled by a Two State Markov-Gaussian Process. IEEE Systems Journal, 2020, 14, 4079-4088.	4.6	15
96	Impact of Co-Channel Interference and Vehicles as Obstacles on Full-Duplex V2V Cooperative Wireless Network. IEEE Transactions on Vehicular Technology, 2020, 69, 7503-7517.	6.3	29
97	A Spatial Time-Frequency Hopping Index Modulated Scheme in Turbulence-free Optical Wireless Communication Channels. IEEE Transactions on Communications, 2020, 68, 4437-4450.	7.8	6
98	A Low Power Circuit Design for Chaos-Key Based Data Encryption. IEEE Access, 2020, 8, 104432-104444.	4.2	19
99	Average Vector-Symbol Error Rate Closed-Form Expression for ML Group Detection Receivers in Large MU-MIMO Channels With Transmit Correlation. IEEE Access, 2020, 8, 45653-45663.	4.2	2
100	Free Space Optical Cooperative Communications via an Energy Harvesting Harvest-Store-Use Relay. IEEE Transactions on Wireless Communications, 2020, 19, 6564-6577.	9.2	13
101	A Novel Distributed Algorithm for Phase Synchronization in Unmanned Aerial Vehicles. IEEE Communications Letters, 2020, 24, 2260-2264.	4.1	6
102	A Collaborative Security Framework for Software-Defined Wireless Sensor Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 2602-2615.	6.9	57
103	A Distributed Channel Access Scheme for Vehicles in Multi-Agent V2I Systems. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 1297-1307.	7.9	7
104	Effect of Impulsive Noise on Uplink NOMA Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 3454-3458.	6.3	13
105	A Blockchain-Based Framework for Lightweight Data Sharing and Energy Trading in V2G Network. IEEE Transactions on Vehicular Technology, 2020, 69, 5799-5812.	6.3	142
106	NOMA-Based IoT Networks: Impulsive Noise Effects and Mitigation. IEEE Communications Magazine, 2020, 58, 69-75.	6.1	26
107	Trusted Computation Using ABM and PBM Decision Models for ITS. IEEE Access, 2020, 8, 195788-195798.	4.2	2
108	A Comprehensive Survey on Cooperative Relaying and Jamming Strategies for Physical Layer Security. IEEE Communications Surveys and Tutorials, 2019, 21, 2734-2771.	39.4	181

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109	A Hybrid Deep Learning-Based Model for Anomaly Detection in Cloud Datacenter Networks. IEEE Transactions on Network and Service Management, 2019, 16, 924-935.	4.9	187
110	Blockchain-Based Lightweight Authentication Mechanism for Vehicular Fog Infrastructure. , 2019, , .		63
111	Optical Spatial Modulation for FSO IM/DD Communications With Photon-Counting Receivers: Performance Analysis, Transmit Diversity Order and Aperture Selection. IEEE Journal on Selected Areas in Communications, 2019, 37, 2053-2068.	14.0	14
112	Secrecy analysis of wireless sensor network in smart grid with destination assisted jamming. IET Communications, 2019, 13, 1748-1752.	2.2	1
113	Design and Performance Analysis of Secure Multicasting Cooperative Protocol for Wireless Sensor Network Applications. IEEE Wireless Communications Letters, 2019, 8, 1468-1472.	5.0	12
114	Demand-Response Management Using a Fleet of Electric Vehicles: An Opportunistic-SDN-Based Edge-Cloud Framework for Smart Grids. IEEE Network, 2019, 33, 46-53.	6.9	36
115	A Novel Relay Selection Strategy of Cooperative Network Impaired by Bursty Impulsive Noise. IEEE Transactions on Vehicular Technology, 2019, 68, 6622-6635.	6.3	8
116	Ultra-Small Cell Networks With Collaborative RF and Lightwave Power Transfer. IEEE Transactions on Communications, 2019, 67, 6243-6255.	7.8	28
117	Joint Code-Frequency Index Modulation for IoT and Multi-User Communications. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1223-1236.	10.8	28
118	An Efficient Blockchain-Based Hierarchical Authentication Mechanism for Energy Trading in V2G Environment. , 2019, , .		39
119	Toward Overcoming a Hidden Terminal Problem Arising in MIMO Cognitive Radio Networks: A Tensor-Based Spectrum Sensing Algorithm. IEEE Transactions on Vehicular Technology, 2019, 68, 9833-9847.	6.3	3
120	Fairness and Sum-Rate Maximization via Joint Subcarrier and Power Allocation in Uplink SCMA Transmission. IEEE Transactions on Wireless Communications, 2019, 18, 5855-5867.	9.2	25
121	Robust Design of AC Computing-Enabled Receiver Architecture for SWIPT Networks. IEEE Wireless Communications Letters, 2019, 8, 801-804.	5.0	13
122	Design and Performance Analysis of an Index Time-Frequency Modulation Scheme for Optical Communications. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1403-1416.	10.8	11
123	Secrecy Performance of Correlated α - μ Fading Channels. IEEE Communications Letters, 2019, 23, 1323-1327.	4.1	27
124	SDN-Based Secure and Privacy-Preserving Scheme for Vehicular Networks: A 5G Perspective. IEEE Transactions on Vehicular Technology, 2019, 68, 8421-8434.	6.3	93
125	On Physical Layer Security Over Fox's S -Function Wiretap Fading Channels. IEEE Transactions on Vehicular Technology, 2019, 68, 6608-6621.	6.3	34
126	Demystifying IoT Security: An Exhaustive Survey on IoT Vulnerabilities and a First Empirical Look on Internet-Scale IoT Exploitations. IEEE Communications Surveys and Tutorials, 2019, 21, 2702-2733.	39.4	468

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127	Secrecy Analysis in Wireless Network With Passive Eavesdroppers by Using Partial Cooperation. IEEE Transactions on Vehicular Technology, 2019, 68, 7225-7230.	6.3	15
128	Secrecy Characteristics With Assistance of Mixture Gamma Distribution. IEEE Wireless Communications Letters, 2019, 8, 1086-1089.	5.0	20
129	Spectral Efficiency Analysis of the Decoupled Access for Downlink and Uplink in Two-Tier Network. IEEE Transactions on Vehicular Technology, 2019, 68, 4871-4883.	6.3	13
130	Performance Analysis of Full-Duplex Vehicle Relay-Based Selection in Dense Multi-Lane Highways. IEEE Access, 2019, 7, 61581-61595.	4.2	24
131	Inductance Index Modulation for Human Body Communication Systems. IEEE Wireless Communications Letters, 2019, 8, 937-940.	5.0	2
132	LiSA: A Lightweight and Secure Authentication Mechanism for Smart Metering Infrastructure. , 2019, , .		7
133	Managing Fog Networks using Reinforcement Learning Based Load Balancing Algorithm. , 2019, , .		51
134	Intercept Probability Analysis over the Cascaded Fisher-Snedecor $\hat{\alpha}, \pm$ Fading Wiretap Channels. , 2019, , .		6
135	An Energy-driven Network Function Virtualization for Multi-domain Software Defined Networks. , 2019, , .		16
136	Analysis and Comparison of Several Mitigation Techniques for Middleton Class-A Noise. , 2019, , .		10
137	Performance Analysis of Distributed Wireless Sensor Networks for Gaussian Source Estimation in the Presence of Impulsive Noise. IEEE Signal Processing Letters, 2018, 25, 803-807.	3.6	13
138	Permutation Index DCSK Modulation Technique for Secure Multiuser High-Data-Rate Communication Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 2997-3011.	6.3	110
139	On the Physical Layer Security Analysis of Hybrid Millimeter Wave Networks. IEEE Transactions on Communications, 2018, 66, 1139-1152.	7.8	54
140	Commutation Code Index DCSK Modulation Technique for High-Data-Rate Communication Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1954-1958.	3.0	50
141	RF Wireless Power Transfer: Regreening Future Networks. IEEE Potentials, 2018, 37, 35-41.	0.3	33
142	On the Uplink Secrecy Capacity Analysis in D2D-Enabled Cellular Network. IEEE Systems Journal, 2018, 12, 2297-2307.	4.6	24
143	A Generalized Lower Bound on the Bit Error Rate of DCSK Systems Over Multi-Path Rayleigh Fading Channels. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 321-325.	3.0	35
144	FFT-Based Limited Subband Digital Predistortion Technique for Ultra Wideband 5G Systems. , 2018, , .		2

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145	Bayesian MMSE Estimation of a Gaussian Source in the Presence of Bursty Impulsive Noise. IEEE Communications Letters, 2018, 22, 1846-1849.	4.1	12
146	Wireless Social Networks: A Survey of Recent Advances, Applications and Challenges. IEEE Access, 2018, 6, 59589-59617.	4.2	20
147	Secrecy Analysis of Random MIMO Wireless Networks Over α - μ Fading Channels. IEEE Transactions on Vehicular Technology, 2018, 67, 11654-11666.	6.3	31
148	Cross-Layer Authentication Protocol Design for Ultra-Dense 5G HetNets. , 2018, , .		23
149	On Secrecy Bounds of MIMO Wiretap Channels with ZF detectors. , 2018, , .		3
150	Green cell-less design for RF-wireless power transfer networks. , 2018, , .		8
151	On Physical Layer Security Over the Fisher-Snedecor F Wiretap Fading Channels. IEEE Access, 2018, 6, 39466-39472.	4.2	59
152	Resource Allocation in SWIPT Networks Under a Nonlinear Energy Harvesting Model: Power Efficiency, User Fairness, and Channel Nonreciprocity. IEEE Transactions on Vehicular Technology, 2018, 67, 8466-8480.	6.3	34
153	Highly Accurate and Asymptotic Analysis on the SOP Over SIMO α - μ Fading Channels. IEEE Communications Letters, 2018, 22, 2088-2091.	4.1	23
154	On Secrecy Analysis for D2D Networks over α - μ Fading Channels with Randomly Distributed Eavesdroppers. , 2018, , .		5
155	Cascaded α - μ Fading Channels: Reliability and Security Analysis. IEEE Access, 2018, 6, 41978-41992.	4.2	39
156	Unobtrusive Sleep Monitoring Using Cardiac, Breathing and Movements Activities: An Exhaustive Review. IEEE Access, 2018, 6, 45129-45152.	4.2	50
157	Joint Channel Resources Allocation and Beamforming in Energy Harvesting Systems. IEEE Wireless Communications Letters, 2018, 7, 884-887.	5.0	8
158	Downlink Power Optimization for Heterogeneous Networks With Time Reversal-Based Transmission Under Backhaul Limitation. IEEE Access, 2017, 5, 755-770.	4.2	12
159	Design and Performance Analysis of a Differentially Spatial Modulated Chaos Shift Keying Modulation System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1302-1306.	3.0	19
160	Frequency Index Modulation for Low Complexity Low Energy Communication Networks. IEEE Access, 2017, 5, 23276-23287.	4.2	29
161	Cognitive radio network with secrecy and interference constraints. Physical Communication, 2017, 22, 32-41.	2.1	19
162	A waste city management system for smart cities applications. , 2017, , .		38

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163	A study on channel estimation algorithm with sounding reference signal for TDD downlink scheduling. , 2017, , .		2
164	Performance analysis of peer-to-peer V2V wireless communications in the presence of interference. , 2017, , .		4
165	Analysis of the cell association for decoupled wireless access in a two tier network. , 2017, , .		3
166	Secrecy Analysis of Cooperative Network with Untrustworthy Relays Using Location-Based Multicasting Technique. , 2017, , .		5
167	Wireless Chaos-Based Communication Systems: A Comprehensive Survey. IEEE Access, 2016, 4, 2621-2648.	4.2	346
168	Secrecy Analysis of a MIMO Full-Duplex Active Eavesdropper with Channel Estimation Errors. , 2016, , .		10
169	Time Reversal SWIPT Networks with an Active Eavesdropper: SER-Energy Region Analysis. , 2016, , .		7
170	A Survey on Intelligent MAC Layer Jamming Attacks and Countermeasures in WSNs. , 2016, , .		14
171	Power allocation for cognitive underlay networks with spectrum band selection. Physical Communication, 2016, 21, 41-48.	2.1	3
172	A Look at the Recent Wireless Positioning Techniques With a Focus on Algorithms for Moving Receivers. IEEE Access, 2016, 4, 6652-6680.	4.2	95
173	Internet of Things in sleep monitoring: An application for posture recognition using supervised learning. , 2016, , .		35
174	Design of Simultaneous Wireless Information and Power Transfer Scheme for Short Reference DCSK Communication Systems. IEEE Transactions on Communications, 2016, , 1-1.	7.8	42
175	Secrecy Capacity Scaling With Untrustworthy Aggressive Relays Cooperating With a Wire-Tapper. IEEE Wireless Communications Letters, 2016, 5, 376-379.	5.0	7
176	Performance Analysis of DF Cooperative Relaying Over Bursty Impulsive Noise Channel. IEEE Transactions on Communications, 2016, 64, 2848-2859.	7.8	14
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