

# Georges Kaddoum

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4801610/publications.pdf>

Version: 2024-02-01

202  
papers

6,481  
citations

81900

39  
h-index

88630

70  
g-index

202  
all docs

202  
docs citations

202  
times ranked

4912  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Wireless Chaos-Based Communication Systems: A Comprehensive Survey. IEEE Access, 2016, 4, 2621-2648.	4.2	346
3	Design and Analysis of a Multi-Carrier Differential Chaos Shift Keying Communication System. IEEE Transactions on Communications, 2013, 61, 3281-3291.	7.8	224
4	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
5	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
6	Energy Efficiency Tradeoff Mechanism Towards Wireless Green Communication: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 686-705.	39.4	166
7	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
8	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
9	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
10	Generalized Code Index Modulation Technique for High-Data-Rate Communication Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 7000-7009.	6.3	109
11	Design of a High-Data-Rate Differential Chaos-Shift Keying System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2012, 59, 448-452.	3.0	108
12	KEIDS: Kubernetes-Based Energy and Interference Driven Scheduler for Industrial IoT in Edge-Cloud Ecosystem. IEEE Internet of Things Journal, 2020, 7, 4228-4237.	8.7	96
13	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
14	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
15	Secure and Lightweight Authentication Scheme for Smart Metering Infrastructure in Smart Grid. IEEE Transactions on Industrial Informatics, 2020, 16, 3548-3557.	11.3	90
16	Code Index Modulation: A High Data Rate and Energy Efficient Communication System. IEEE Communications Letters, 2015, 19, 175-178.	4.1	88
17	Robust synchronization for asynchronous multi-user chaos-based DS-CDMA. Signal Processing, 2009, 89, 807-818.	3.7	86
18	A generalized methodology for bit-error-rate prediction in correlation-based communication schemes using chaos. IEEE Communications Letters, 2009, 13, 567-569.	4.1	81

#	ARTICLE	IF	CITATIONS
19	Toward Secure and Provable Authentication for Internet of Things: Realizing Industry 4.0. IEEE Internet of Things Journal, 2020, 7, 4598-4606.	8.7	78
20	A multi-stage anomaly detection scheme for augmenting the security in IoT-enabled applications. Future Generation Computer Systems, 2020, 104, 105-118.	7.5	76
21	Multi-RIS-Aided Wireless Systems: Statistical Characterization and Performance Analysis. IEEE Transactions on Communications, 2021, 69, 8641-8658.	7.8	76
22	A Big Data-Enabled Consolidated Framework for Energy Efficient Software Defined Data Centers in IoT Setups. IEEE Transactions on Industrial Informatics, 2020, 16, 2687-2697.	11.3	75
23	Artificial Neural Network for in-Bed Posture Classification Using Bed-Sheet Pressure Sensors. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 101-110.	6.3	74
24	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
25	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
26	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
27	Blockchain-Based Lightweight Authentication Mechanism for Vehicular Fog Infrastructure. , 2019, , .		63
28	Theoretical performance for asynchronous multi-user chaos-based communication systems on fading channels. Signal Processing, 2010, 90, 2923-2933.	3.7	61
29	On Physical Layer Security Over the Fisher-Snedecor $F$ Wiretap Fading Channels. IEEE Access, 2018, 6, 39466-39472.	4.2	59
30	A Collaborative Security Framework for Software-Defined Wireless Sensor Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 2602-2615.	6.9	57
31	On the Physical Layer Security Analysis of Hybrid Millimeter Wave Networks. IEEE Transactions on Communications, 2018, 66, 1139-1152.	7.8	54
32	Design of a New Differential Chaos-Shift-Keying System for Continuous Mobility. IEEE Transactions on Communications, 2016, 64, 2066-2078.	7.8	53
33	Managing Fog Networks using Reinforcement Learning Based Load Balancing Algorithm. , 2019, , .		51
34	Performance analysis of STBC-CSK communication system over slow fading channel. Signal Processing, 2013, 93, 2055-2060.	3.7	50
35	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
36	Unobtrusive Sleep Monitoring Using Cardiac, Breathing and Movements Activities: An Exhaustive Review. IEEE Access, 2018, 6, 45129-45152.	4.2	50

#	ARTICLE	IF	CITATIONS
37	Analog Network Coding for Multi-User Multi-Carrier Differential Chaos Shift Keying Communication System. IEEE Transactions on Wireless Communications, 2015, 14, 1492-1505.	9.2	48
38	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
39	Low-complexity amplify-and-forward relaying protocol for non-coherent chaos-based communication system. IET Communications, 2014, 8, 2281-2289.	2.2	43
40	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
41	Quasi-Optimization of Distance and Blocklength in URLLC Aided Multi-Hop UAV Relay Links. IEEE Wireless Communications Letters, 2020, 9, 306-310.	5.0	42
42	Cascaded $\alpha$ - $\mu$ Fading Channels: Reliability and Security Analysis. IEEE Access, 2018, 6, 41978-41992.	4.2	39
43	An Efficient Blockchain-Based Hierarchical Authentication Mechanism for Energy Trading in V2G Environment. , 2019, , .		39
44	A waste city management system for smart cities applications. , 2017, , .		38
45	Deep-Learning-Based SDN Model for Internet of Things: An Incremental Tensor Train Approach. IEEE Internet of Things Journal, 2020, 7, 6302-6311.	8.7	38
46	Reconfigurable Intelligent Surface for Mixed FSO-RF Systems With Co-Channel Interference. IEEE Communications Letters, 2021, 25, 1605-1609.	4.1	37
47	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
48	Lower bound on the bit error rate of a decode-and-forward relay network under chaos shift keying communication system. IET Communications, 2014, 8, 227-232.	2.2	36
49	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
50	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
51	Internet of Things in sleep monitoring: An application for posture recognition using supervised learning. , 2016, , .		35
52	The Impact of Antenna Switching Time on Spatial Modulation. IEEE Wireless Communications Letters, 2016, 5, 256-259.	5.0	35
53	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
54	Decision-Making Model for Securing IoT Devices in Smart Industries. IEEE Transactions on Industrial Informatics, 2021, 17, 4270-4278.	11.3	35

#	ARTICLE	IF	CITATIONS
55	A Generalized BER Prediction Method for Differential Chaos Shift Keying System Through Different Communication Channels. <i>Wireless Personal Communications</i> , 2012, 64, 425-437.	2.7	34
56	A Survey on Cooperative Jamming Applied to Physical Layer Security. , 2015, , .		34
57	Resource Allocation in SWIPT Networks Under a Nonlinear Energy Harvesting Model: Power Efficiency, User Fairness, and Channel Nonreciprocity. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 8466-8480.	6.3	34
58	On Physical Layer Security Over Fox's $\alpha$ -Function Wiretap Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 6608-6621.	6.3	34
59	RF Wireless Power Transfer: Regreening Future Networks. <i>IEEE Potentials</i> , 2018, 37, 35-41.	0.3	33
60	Joint Relay Selection, Full-Duplex and Device-to-Device Transmission in Wireless Powered NOMA Networks. <i>IEEE Access</i> , 2020, 8, 82442-82460.	4.2	33
61	Facilitating URLLC in UAV-Assisted Relay Systems With Multiple-Mobile Robots for 6G Networks: A Prospective of Agriculture 4.0. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 4954-4965.	11.3	33
62	Secrecy Analysis of Random MIMO Wireless Networks Over $\alpha$ - $\mu$ Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 11654-11666.	6.3	31
63	Frequency Index Modulation for Low Complexity Low Energy Communication Networks. <i>IEEE Access</i> , 2017, 5, 23276-23287.	4.2	29
64	Impact of Co-Channel Interference and Vehicles as Obstacles on Full-Duplex V2V Cooperative Wireless Network. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 7503-7517.	6.3	29
65	Implementation of a Differential Chaos Shift Keying communication system in GNU radio. , 2012, , .		28
66	Ultra-Small Cell Networks With Collaborative RF and Lightwave Power Transfer. <i>IEEE Transactions on Communications</i> , 2019, 67, 6243-6255.	7.8	28
67	Joint Code-Frequency Index Modulation for IoT and Multi-User Communications. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019, 13, 1223-1236.	10.8	28
68	Smart Homes: How Much Will They Support Us? A Research on Recent Trends and Advances. <i>IEEE Access</i> , 2021, 9, 26388-26419.	4.2	28
69	A federated calibration scheme for convolutional neural networks: Models, applications and challenges. <i>Computer Communications</i> , 2022, 192, 144-162.	5.1	28
70	Secrecy Performance of Correlated $\alpha$ - $\mu$ Fading Channels. <i>IEEE Communications Letters</i> , 2019, 23, 1323-1327.	4.1	27
71	Blockchain and Deep Reinforcement Learning Empowered Spatial Crowdsourcing in Software-Defined Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 3755-3764.	8.0	27
72	A Secure Data Aggregation Strategy in Edge Computing and Blockchain-Empowered Internet of Things. <i>IEEE Internet of Things Journal</i> , 2022, 9, 14237-14246.	8.7	26

#	ARTICLE	IF	CITATIONS
73	NOMA-Based IoT Networks: Impulsive Noise Effects and Mitigation. IEEE Communications Magazine, 2020, 58, 69-75.	6.1	26
74	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
75	On the Uplink Secrecy Capacity Analysis in D2D-Enabled Cellular Network. IEEE Systems Journal, 2018, 12, 2297-2307.	4.6	24
76	Performance Analysis of Full-Duplex Vehicle Relay-Based Selection in Dense Multi-Lane Highways. IEEE Access, 2019, 7, 61581-61595.	4.2	24
77	Lightwave Power Transfer for Federated Learning-Based Wireless Networks. IEEE Communications Letters, 2020, 24, 1472-1476.	4.1	24
78	ANN Assisted-IoT Enabled COVID-19 Patient Monitoring. IEEE Access, 2021, 9, 42483-42492.	4.2	24
79	On the Approximate Analysis of Energy Detection Over $\alpha$ -Rayleigh Fading Channels Through Cooperative Spectrum Sensing. IEEE Wireless Communications Letters, 2015, 4, 413-416.	5.0	23
80	Cross-Layer Authentication Protocol Design for Ultra-Dense 5G HetNets. , 2018, , .		23
81	Highly Accurate and Asymptotic Analysis on the SOP Over SIMO $\alpha$ -Fading Channels. IEEE Communications Letters, 2018, 22, 2088-2091.	4.1	23
82	Secure Transmit Antenna Selection Protocol for MIMO NOMA Networks Over Nakagami- $m$ Channels. IEEE Systems Journal, 2020, 14, 253-264.	4.6	23
83	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
84	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
85	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
86	Wireless Social Networks: A Survey of Recent Advances, Applications and Challenges. IEEE Access, 2018, 6, 59589-59617.	4.2	20
87	Secrecy Characteristics With Assistance of Mixture Gamma Distribution. IEEE Wireless Communications Letters, 2019, 8, 1086-1089.	5.0	20
88	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
89	Cognitive radio network with secrecy and interference constraints. Physical Communication, 2017, 22, 32-41.	2.1	19
90	A Low Power Circuit Design for Chaos-Key Based Data Encryption. IEEE Access, 2020, 8, 104432-104444.	4.2	19

#	ARTICLE	IF	CITATIONS
91	Designing a Pseudorandom Bit Generator With a Novel Five-Dimensional-Hyperchaotic System. IEEE Transactions on Industrial Electronics, 2022, 69, 6101-6110.	7.9	19
92	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
93	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
94	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
95	On the comparison between code-index modulation and spatial modulation techniques. , 2015, , .		16
96	An Energy-driven Network Function Virtualization for Multi-domain Software Defined Networks. , 2019, , .		16
97	Reinforcement Learning for Deceiving Reactive Jammers in Wireless Networks. IEEE Transactions on Communications, 2021, 69, 3682-3697.	7.8	16
98	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
99	Aerial Reconfigurable Intelligent Surface-Aided Wireless Communication Systems. , 2021, , .		16
100	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
101	Secrecy Analysis in Wireless Network With Passive Eavesdroppers by Using Partial Cooperation. IEEE Transactions on Vehicular Technology, 2019, 68, 7225-7230.	6.3	15
102	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
103	PPCS: An Intelligent Privacy-Preserving Mobile-Edge Crowdsensing Strategy for Industrial IoT. IEEE Internet of Things Journal, 2021, 8, 10288-10298.	8.7	15
104	An Efficient Intrusion Prevention System for CAN: Hindering Cyber-Attacks With a Low-Cost Platform. IEEE Access, 2021, 9, 166855-166869.	4.2	15
105	A Survey on Intelligent MAC Layer Jamming Attacks and Countermeasures in WSNs. , 2016, , .		14
106	Performance Analysis of DF Cooperative Relaying Over Bursty Impulsive Noise Channel. IEEE Transactions on Communications, 2016, 64, 2848-2859.	7.8	14
107	Cognitive waveform and receiver selection mechanism for multistatic radar. IET Radar, Sonar and Navigation, 2016, 10, 417-425.	1.8	14
108	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

#	ARTICLE	IF	CITATIONS
109	A fully CMOS true random number generator based on hidden attractor hyperchaotic system. <i>Nonlinear Dynamics</i> , 2020, 102, 2887-2904.	5.2	14
110	Hyperparameter-Free Transmit-Nonlinearity Mitigation Using a Kernel-Width Sampling Technique. <i>IEEE Transactions on Communications</i> , 2021, 69, 2613-2627.	7.8	14
111	Performance Analysis of Distributed Wireless Sensor Networks for Gaussian Source Estimation in the Presence of Impulsive Noise. <i>IEEE Signal Processing Letters</i> , 2018, 25, 803-807.	3.6	13
112	Robust Design of AC Computing-Enabled Receiver Architecture for SWIPT Networks. <i>IEEE Wireless Communications Letters</i> , 2019, 8, 801-804.	5.0	13
113	Spectral Efficiency Analysis of the Decoupled Access for Downlink and Uplink in Two-Tier Network. <i>IEEE Transactions on Vehicular Technology</i> , 2019, 68, 4871-4883.	6.3	13
114	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
115	Free Space Optical Cooperative Communications via an Energy Harvesting Harvest-Store-Use Relay. <i>IEEE Transactions on Wireless Communications</i> , 2020, 19, 6564-6577.	9.2	13
116	Effect of Impulsive Noise on Uplink NOMA Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 3454-3458.	6.3	13
117	An Intelligent UAV based Data Aggregation Algorithm for 5G-enabled Internet of Things. <i>Computer Networks</i> , 2021, 185, 107628.	5.1	13
118	ML-Based IDPS Enhancement With Complementary Features for Home IoT Networks. <i>IEEE Transactions on Network and Service Management</i> , 2022, 19, 772-783.	4.9	13
119	Downlink Power Optimization for Heterogeneous Networks With Time Reversal-Based Transmission Under Backhaul Limitation. <i>IEEE Access</i> , 2017, 5, 755-770.	4.2	12
120	Bayesian MMSE Estimation of a Gaussian Source in the Presence of Bursty Impulsive Noise. <i>IEEE Communications Letters</i> , 2018, 22, 1846-1849.	4.1	12
121	Design and Performance Analysis of Secure Multicasting Cooperative Protocol for Wireless Sensor Network Applications. <i>IEEE Wireless Communications Letters</i> , 2019, 8, 1468-1472.	5.0	12
122	A Trusted Social Network Using Hypothetical Mathematical Model and Decision- Based Scheme. <i>IEEE Access</i> , 2021, 9, 4223-4232.	4.2	12
123	Multi-user Multi-Carrier Differential Chaos Shift Keying communication system. , 2013, , .		11
124	Design and Performance Analysis of an Index Time-Frequency Modulation Scheme for Optical Communications. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019, 13, 1403-1416.	10.8	11
125	Artificial Noise Injection-Based Secrecy Improvement for FSO Systems. <i>IEEE Photonics Journal</i> , 2021, 13, 1-12.	2.0	11
126	Mobility Management in 5G and Beyond: A Novel Smart Handover With Adaptive Time-to-Trigger and Hysteresis Margin. <i>IEEE Transactions on Mobile Computing</i> , 2023, 22, 5995-6010.	5.8	11



#	ARTICLE	IF	CITATIONS
127	An LPI design for secure OFDM systems. , 2012, , .		10
128	FPGA implementation and evaluation of discrete-time chaotic generators circuits. , 2012, , .		10
129	Secrecy Analysis of a MIMO Full-Duplex Active Eavesdropper with Channel Estimation Errors. , 2016, , .		10
130	Analysis and Comparison of Several Mitigation Techniques for Middleton Class-A Noise. , 2019, , .		10
131	RFF Based Detection for SCMA in Presence of PA Nonlinearity. IEEE Communications Letters, 2020, 24, 2604-2608.	4.1	9
132	A Deep learning approach for the Estimation of Middleton Class-A Impulsive Noise Parameters. , 2020, , .		9
133	Performance Analysis of Maximum-Correntropy Based Detection for SCMA. IEEE Communications Letters, 2021, 25, 1114-1118.	4.1	9
134	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
135	Random Fourier Feature-Based Deep Learning for Wireless Communications. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 468-479.	7.9	9
136	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
137	Signal Space Diversity-Based Distributed RIS-Aided Dual-Hop Mixed RF-FSO Systems. IEEE Communications Letters, 2022, 26, 1066-1070.	4.1	9
138	Intelligent Virtual Resource Allocation of QoS-Guaranteed Slices in B5G-Enabled VANETs for Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 19704-19713.	8.0	9
139	Performance Comparison of Spatial Modulation Detectors under Channel Impairments. , 2015, , .		8
140	Green cell-less design for RF-wireless power transfer networks. , 2018, , .		8
141	Joint Channel Resources Allocation and Beamforming in Energy Harvesting Systems. IEEE Wireless Communications Letters, 2018, 7, 884-887.	5.0	8
142	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
143	Deep Chaos Synchronization. IEEE Open Journal of the Communications Society, 2020, 1, 1571-1582.	6.9	8
144	Color-Domain SCMA NOMA for Visible Light Communication. IEEE Communications Letters, 2021, 25, 200-204.	4.1	8

#	ARTICLE	IF	CITATIONS
145	A Novel Distributed Multi-Agent Reinforcement Learning Algorithm Against Jamming Attacks. IEEE Communications Letters, 2021, 25, 3204-3208.	4.1	8
146	Dual-Hop Mixed FSO-VLC Underwater Wireless Communication Link. IEEE Transactions on Network and Service Management, 2022, 19, 3105-3120.	4.9	8
147	Energy Efficiency Optimization in LoRa Networks—A Deep Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 15435-15447.	8.0	8
148	Joint Impact of Phase Error, Transceiver Hardware Impairments, and Mobile Interferers on RIS-Aided Wireless System Over $\alpha$ - $\beta$ Fading Channels. IEEE Communications Letters, 2022, 26, 2312-2316.	4.1	8
149	Time Reversal SWIPT Networks with an Active Eavesdropper: SER-Energy Region Analysis. , 2016, , .		7
150	Secrecy Capacity Scaling With Untrustworthy Aggressive Relays Cooperating With a Wire-Tapper. IEEE Wireless Communications Letters, 2016, 5, 376-379.	5.0	7
151	LiSA: A Lightweight and Secure Authentication Mechanism for Smart Metering Infrastructure. , 2019, , .		7
152	Ergodic Capacity Analysis of Full Duplex Relaying in the Presence of Co-Channel Interference in V2V Communications. Sensors, 2020, 20, 261.	3.8	7
153	Collaborative Spectrum Sensing in Tactical Wireless Networks. , 2020, , .		7
154	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
155	Error Analysis of Localization Based on Minimum-Error Entropy With Fiducial Points. IEEE Communications Letters, 2021, 25, 1187-1191.	4.1	7
156	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
157	Distributed RIS-based Dual-hop Mixed FSO-RF Systems With RIS-Aided Jammer. , 2021, , .		7
158	Intercept Probability Analysis over the Cascaded Fisher-Snedecor $\alpha, \beta$ Fading Wiretap Channels. , 2019, , .		6
159	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
160	A Novel Distributed Algorithm for Phase Synchronization in Unmanned Aerial Vehicles. IEEE Communications Letters, 2020, 24, 2260-2264.	4.1	6
161	Design of a SIMO Deep Learning-Based Chaos Shift Keying (DLCSK) Communication System. Sensors, 2022, 22, 333.	3.8	6
162	Multi-Objective GAN-Based Adversarial Attack Technique for Modulation Classifiers. IEEE Communications Letters, 2022, 26, 1583-1587.	4.1	6

#	ARTICLE	IF	CITATIONS
163	Performance analysis of physical layer security of chaos-based modulation schemes. , 2015, , .		5
164	Secrecy Analysis of Cooperative Network with Untrustworthy Relays Using Location-Based Multicasting Technique. , 2017, , .		5
165	On Secrecy Analysis for D2D Networks over $\alpha$ - $\mu$ Fading Channels with Randomly Distributed Eavesdroppers. , 2018, , .		5
166	Full-Duplex Two-Tier Heterogeneous Network With Decoupled Access: Cell Association, Coverage, and Spectral Efficiency Analysis. IEEE Access, 2020, 8, 172982-172995.	4.2	5
167	Hyperparameter Free MEE-FP Based Localization. IEEE Signal Processing Letters, 2021, 28, 1938-1942.	3.6	5
168	Evolution Strategies for Lightwave Power Transfer Networks. IEEE Wireless Communications Letters, 2021, 10, 2572-2576.	5.0	5
169	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
170	Channel Characterization for RIS-Aided Terahertz Communications: A Stochastic Approach. IEEE Wireless Communications Letters, 2022, 11, 1890-1894.	5.0	5
171	Performance analysis of peer-to-peer V2V wireless communications in the presence of interference. , 2017, , .		4
172	Antenna Array Gain and Capacity Improvements of Ultra-Wideband Millimeter Wave Systems Using a Novel Analog Architecture Design. IEEE Wireless Communications Letters, 2020, 9, 289-293.	5.0	4
173	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
174	Performance Analysis of Information Theoretic Learning-Based Cooperative Localization. IEEE Communications Letters, 2021, 25, 2196-2200.	4.1	4
175	Task Allocation Framework For Software-Defined Fog v-RAN. IEEE Internet of Things Journal, 2021, 8, 14187-14201.	8.7	4
176	Partially Cooperative Scalable Spectrum Sensing in Cognitive Radio Networks Under SDF Attacks. IEEE Internet of Things Journal, 2022, 9, 8901-8912.	8.7	4
177	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
178	Jamming Pattern Recognition over Multi-Channel Networks: A Deep Learning Approach. , 2021, , .		4
179	Power allocation for cognitive underlay networks with spectrum band selection. Physical Communication, 2016, 21, 41-48.	2.1	3
180	Analysis of the cell association for decoupled wireless access in a two tier network. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
181	On Secrecy Bounds of MIMO Wiretap Channels with ZF detectors. , 2018, , .		3
182	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
183	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
184	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
185	Hyperparameter Free MEEF-Based Learning for Next Generation Communication Systems. IEEE Transactions on Communications, 2022, 70, 1682-1696.	7.8	3
186	Deep Learning-Enabled Deceptive Jammer Detection for Low Probability of Intercept Communications. IEEE Systems Journal, 2023, 17, 2166-2177.	4.6	3
187	A study on channel estimation algorithm with sounding reference signal for TDD downlink scheduling. , 2017, , .		2
188	FFT-Based Limited Subband Digital Predistortion Technique for Ultra Wideband 5G Systems. , 2018, , .		2
189	Inductance Index Modulation for Human Body Communication Systems. IEEE Wireless Communications Letters, 2019, 8, 937-940.	5.0	2
190	Trusted Orchestration for Smart Decision-Making in Internet of Vehicles. IEEE Access, 2020, 8, 157427-157436.	4.2	2
191	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
192	Next generation stock exchange: Recurrent neural learning model for distributed ledger transactions. Computer Networks, 2021, 193, 107998.	5.1	2
193	Bursty Impulsive Noise Mitigation in NOMA: A MAP Receiver-Based Approach. IEEE Communications Letters, 2021, 25, 2790-2794.	4.1	2
194	Trusted Computation Using ABM and PBM Decision Models for ITS. IEEE Access, 2020, 8, 195788-195798.	4.2	2
195	Comparative Analytical Study of SCMA Detection Methods for PA Nonlinearity Mitigation. Sensors, 2021, 21, 8408.	3.8	2
196	Secrecy analysis of wireless sensor network in smart grid with destination assisted jamming. IET Communications, 2019, 13, 1748-1752.	2.2	1
197	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
198	A Secure Multilayer Architecture for Software-Defined Space Information Networks. IEEE Consumer Electronics Magazine, 2023, 12, 64-72.	2.3	1

#	ARTICLE	IF	CITATIONS
199	Impulsive Noise Parameter Estimation: A Deep CNN-LSTM Network Approach. , 2021, , .		1
200	System analysis of relaying with modulation diversity. , 2014, , .		0
201	Optimal Multi-Stage Clipping for Impulsive Noise Mitigation in OFDM-NOMA Systems. , 2021, , .		0
202	Spectrum Access Allocation in Vehicular Networks With Intermittently Interrupted Channels. IEEE Wireless Communications Letters, 2022, 11, 1151-1155.	5.0	0