Amr Mohamed

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3153708/publications.pdf

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241	4,375	218677	155660
papers	citations	26 h-index	55 g-index

243	243	243	4017
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Survey of Machine and Deep Learning Methods for Internet of Things (IoT) Security. IEEE Communications Surveys and Tutorials, 2020, 22, 1646-1685.	39.4	576
2	A robust human activity recognition system using smartphone sensors and deep learning. Future Generation Computer Systems, 2018, 81, 307-313.	7.5	447
3	Design Challenges of Multi-UAV Systems in Cyber-Physical Applications: A Comprehensive Survey and Future Directions. IEEE Communications Surveys and Tutorials, 2019, 21, 3340-3385.	39.4	167
4	Edge Computing for Smart Health: Context-Aware Approaches, Opportunities, and Challenges. IEEE Network, 2019, 33, 196-203.	6.9	160
5	RF-based drone detection and identification using deep learning approaches: An initiative towards a large open source drone database. Future Generation Computer Systems, 2019, 100, 86-97.	7.5	144
6	ssHealth: Toward Secure, Blockchain-Enabled Healthcare Systems. IEEE Network, 2020, 34, 312-319.	6.9	82
7	MEdge-Chain: Leveraging Edge Computing and Blockchain for Efficient Medical Data Exchange. IEEE Internet of Things Journal, 2021, 8, 15762-15775.	8.7	75
8	A Survey of Blockchain Enabled Cyber-Physical Systems. Sensors, 2020, 20, 282.	3.8	72
9	DroneRF dataset: A dataset of drones for RF-based detection, classification and identification. Data in Brief, 2019, 26, 104313.	1.0	68
10	Efficient ECG Compression and QRS Detection for E-Health Applications. Scientific Reports, 2017, 7, 459.	3.3	67
11	Ensemble Classifier for Epileptic Seizure Detection for Imperfect EEG Data. Scientific World Journal, The, 2015, 2015, 1-15.	2.1	66
12	Survey on energy harvesting wireless communications: Challenges and opportunities for radio resource allocation. Computer Networks, 2015, 88, 234-248.	5.1	55
13	Access Control Schemes for Implantable Medical Devices: A Survey. IEEE Internet of Things Journal, 2017, 4, 1272-1283.	8.7	51
14	TIDCS: A Dynamic Intrusion Detection and Classification System Based Feature Selection. IEEE Access, 2020, 8, 95864-95877.	4.2	50
15	Optimal User-Edge Assignment in Hierarchical Federated Learning Based on Statistical Properties and Network Topology Constraints. IEEE Transactions on Network Science and Engineering, 2022, 9, 55-66.	6.4	50
16	Mobile Target Coverage and Tracking on Drone-Be-Gone UAV Cyber-Physical Testbed. IEEE Systems Journal, 2018, 12, 3485-3496.	4.6	49
17	Edge-based compression and classification for smart healthcare systems: Concept, implementation and evaluation. Expert Systems With Applications, 2019, 117, 1-14.	7.6	49
18	Distributed Cooperative Q-Learning for Power Allocation in Cognitive Femtocell Networks. , 2012, , .		45

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19	Communication-efficient hierarchical federated learning for IoT heterogeneous systems with imbalanced data. Future Generation Computer Systems, 2022, 128, 406-419.	7.5	45
20	Energy efficient path planning techniques for UAV-based systems with space discretization. , 2016, , .		42
21	EEG-Based Transceiver Design With Data Decomposition for Healthcare IoT Applications. IEEE Internet of Things Journal, 2018, 5, 3569-3579.	8.7	42
22	Deep Learning for RF-Based Drone Detection and Identification: A Multi-Channel 1-D Convolutional Neural Networks Approach. , 2020, , .		42
23	A Novel Deep Learning Strategy for Classifying Different Attack Patterns for Deep Brain Implants. IEEE Access, 2019, 7, 24154-24164.	4.2	40
24	Spatiotemporal data mining: a survey on challenges and open problems. Artificial Intelligence Review, 2022, 55, 1441-1488.	15.7	40
25	Joint Routing and Resource Allocation for Delay Minimization in Cognitive Radio Based Mesh Networks. IEEE Transactions on Wireless Communications, 2014, 13, 186-197.	9.2	36
26	Collaborative joint caching and transcoding in mobile edge networks. Journal of Network and Computer Applications, 2019, 136, 86-99.	9.1	33
27	Argus. , 2017, , .		32
28	Improving Remote Health Monitoring: A Low-Complexity ECG Compression Approach. Diagnostics, 2018, 8, 10.	2.6	32
29	Performance Evaluation of Hyperledger Fabric. , 2020, , .		32
30	A Deep Learning Approach for Vital Signs Compression and Energy Efficient Delivery in mhealth Systems. IEEE Access, 2018, 6, 33727-33739.	4.2	31
31	Hierarchical Security Paradigm for IoT Multiaccess Edge Computing. IEEE Internet of Things Journal, 2021, 8, 5794-5805.	8.7	31
32	On spectrum sharing between energy harvesting cognitive radio users and primary users. , 2015, , .		29
33	Multimodal Deep Learning Approach for Joint EEG-EMG Data Compression and Classification. , 2017, , .		27
34	Privacy-Preserving Distributed IDS Using Incremental Learning for IoT Health Systems. IEEE Access, 2021, 9, 14271-14283.	4.2	27
35	Evolution of Internet of Things From Blockchain to IOTA: A Survey. IEEE Access, 2022, 10, 844-866.	4.2	27
36	PCCP: Proactive Video Chunks Caching and Processing in edge networks. Future Generation Computer Systems, 2020, 105, 44-60.	7.5	26

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37	Cognitive Radio Networks With Probabilistic Relaying: Stable Throughput and Delay Tradeoffs. IEEE Transactions on Communications, 2015, 63, 4002-4014.	7.8	25
38	Unleashing the secure potential of the wireless physical layer: Secret key generation methods. Physical Communication, 2016, 19, 1-10.	2.1	25
39	Convolutional Autoencoder Approach for EEG Compression and Reconstruction in m-Health Systems. , 2018, , .		25
40	On Realistic Target Coverage by Autonomous Drones. ACM Transactions on Sensor Networks, 2019, 15, 1-33.	3.6	24
41	Scalable real-time energy-efficient EEG compression scheme for wireless body area sensor network. Biomedical Signal Processing and Control, 2015, 19, 122-129.	5.7	23
42	Multi-Layer Perceptron Model on Chip for Secure Diabetic Treatment. IEEE Access, 2018, 6, 44718-44730.	4.2	23
43	Traffic Analysis Attacks on Tor: A Survey. , 2020, , .		23
44	FEDGAN-IDS: Privacy-preserving IDS using GAN and Federated Learning. Computer Communications, 2022, 192, 299-310.	5.1	23
45	To chain or not to chain: A reinforcement learning approach for blockchain-enabled IoT monitoring applications. Future Generation Computer Systems, 2020, 111, 39-51.	7.5	21
46	Distributed CNN Inference on Resource-Constrained UAVs for Surveillance Systems: Design and Optimization. IEEE Internet of Things Journal, 2022, 9, 1227-1242.	8.7	21
47	A review of security challenges, attacks and resolutions for wireless medical devices. , 2017, , .		20
48	User-Centric Networks Selection With Adaptive Data Compression for Smart Health. IEEE Systems Journal, 2018, 12, 3618-3628.	4.6	20
49	Biometric-based authentication scheme for Implantable Medical Devices during emergency situations. Future Generation Computer Systems, 2019, 98, 109-119.	7.5	20
50	Real-time implementation and evaluation of an adaptive energy-aware data compression for wireless EEG monitoring systems. , 2014, , .		19
51	Secret Key Generation Based on AoA Estimation for Low SNR Conditions. , 2015, , .		19
52	EdgeHealth: An Energy-Efficient Edge-based Remote mHealth Monitoring System. , 2019, , .		19
53	A Cooperative Q-Learning Approach for Online Power Allocation in Femtocell Networks. , 2013, , .		18
54	Non-data-aided SNR estimation for QPSK modulation in AWGN channel. , 2014, , .		18

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55	Interference-aware energy-efficient cross-layer design for healthcare monitoring applications. Computer Networks, 2014, 74, 64-77.	5.1	18
56	Trading wireless information and power transfer: Relay selection to minimize the outage probability. , 2014, , .		17
57	Dynamic Network Selection in Heterogeneous Wireless Networks: A user-centric scheme for improved delivery. IEEE Consumer Electronics Magazine, 2017, 6, 53-60.	2.3	17
58	Deep Reinforcement Learning for Network Selection Over Heterogeneous Health Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 258-270.	6.4	17
59	Characterization of the indoor-outdoor radio propagation channel at 2.4 GHz. , 2011, , .		16
60	Up and away: A visually-controlled easy-to-deploy wireless UAV Cyber-Physical testbed. , 2014, , .		16
61	Hierarchical Federated Learning for Collaborative IDS in IoT Applications. , 2021, , .		16
62	Reinforcement learning approaches for efficient and secure blockchain-powered smart health systems. Computer Networks, 2021, 197, 108279.	5.1	16
63	A cooperative Q-learning approach for distributed resource allocation in multi-user femtocell networks. , 2014, , .		15
64	Decentralized Throughput Maximization in Cognitive Radio Wireless Mesh Networks. IEEE Transactions on Mobile Computing, 2014, 13, 1967-1980.	5.8	15
65	Distributed in-network processing and resource optimization over mobile-health systems. Journal of Network and Computer Applications, 2017, 82, 65-76.	9.1	15
66	Towards Extended Bit Tracking for Scalable and Robust RFID Tag Identification Systems. IEEE Access, 2018, 6, 27190-27204.	4.2	15
67	Optimal Resource Allocation for Green and Clustered Video Sensor Networks. IEEE Systems Journal, 2018, 12, 2117-2128.	4.6	15
68	Energy efficient cross-layer design for wireless body area monitoring networks in healthcare applications. , 2013, , .		14
69	Multi-layer security scheme for implantable medical devices. Neural Computing and Applications, 2020, 32, 4347-4360.	5.6	14
70	Blockchain applications for healthcare. , 2020, , 153-166.		14
71	Performance evaluation for compression-accuracy trade-off using compressive sensing for EEG-based epileptic seizure detection in wireless tele-monitoring. , 2013, , .		13
72	On target coverage in mobile visual sensor networks. , 2014, , .		13

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73	Network Association with Dynamic Pricing over D2D-Enabled Heterogeneous Networks. , 2017, , .		13
74	QoE-Aware Resource Allocation for Crowdsourced Live Streaming: A Machine Learning Approach. , 2019, , .		13
75	FacebookVideoLive18: A Live Video Streaming Dataset for Streams Metadata and Online Viewers Locations. , 2020, , .		13
76	Collaborative hierarchical caching and transcoding in edge network with CE-D2D communication. Journal of Network and Computer Applications, 2020, 172, 102801.	9.1	13
77	Active Learning With Noisy Labelers for Improving Classification Accuracy of Connected Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 3059-3070.	6.3	13
78	Estimating the number of sources: An efficient maximization approach. , 2015, , .		12
79	Proactive Video Chunks Caching and Processing for Latency and Cost Minimization in Edge Networks. , 2019, , .		12
80	Edge computing for energy-efficient smart health systems. , 2020, , 53-67.		12
81	Multi-Agent Reinforcement Learning for Network Selection and Resource Allocation in Heterogeneous Multi-RAT Networks. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1287-1300.	7.9	12
82	Towards Energy Efficient and Quality of Service Aware Cell Zooming in 5G Wireless Networks. , 2015, , .		11
83	CE-D2D: Dual Framework Chunks Caching and offloading in Collaborative Edge networks with D2D communication. , 2019, , .		11
84	Machine Learning Based Cloud Computing Anomalies Detection. IEEE Network, 2020, 34, 178-183.	6.9	11
85	A Weighted Machine Learning-Based Attacks Classification to Alleviating Class Imbalance. IEEE Systems Journal, 2021, 15, 4780-4791.	4.6	11
86	Energy-aware cross-layer optimization for EEG-based wireless monitoring applications. , 2013, , .		10
87	Performance Comparison of classification algorithms for EEG-based remote epileptic seizure detection in Wireless Sensor Networks. , 2014, , .		10
88	Relay selection schemes to minimise outage in wireless powered communication networks. IET Signal Processing, 2016, 10, 203-209.	1.5	10
89	Channel-, Queue-, and Delay-Aware Resource Allocation in Buffer-Aided Relay-Enhanced OFDMA Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2397-2412.	6.3	10
90	New Plain-Text Authentication Secure Scheme for Implantable Medical Devices with Remote Control. , 2017, , .		10

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91	Symmetric Encryption Relying on Chaotic Henon System for Secure Hardware-Friendly Wireless Communication of Implantable Medical Systems. Journal of Sensor and Actuator Networks, 2018, 7, 21.	3.9	10
92	Efficient EEG Mobile Edge Computing and Optimal Resource Allocation for Smart Health Applications. , 2019, , .		10
93	RL-OPRA: Reinforcement Learning for Online and Proactive Resource Allocation of crowdsourced live videos. Future Generation Computer Systems, 2020, 112, 982-995.	7.5	10
94	On Designing Smart Agents for Service Provisioning in Blockchain-Powered Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 401-415.	6.4	10
95	Fuzzy Elliptic Curve Cryptography for Authentication in Internet of Things. IEEE Internet of Things Journal, 2022, 9, 9987-9998.	8.7	10
96	FSC-Set: Counting, Localization of Football Supporters Crowd in the Stadiums. IEEE Access, 2022, 10, 10445-10459.	4.2	10
97	ViDMASK dataset for face mask detection with social distance measurement. Displays, 2022, 73, 102235.	3.7	10
98	Low Complexity Target Coverage Heuristics Using Mobile Cameras. , 2014, , .		9
99	Buffer-aided relaying improves both throughput and end-to-end delay. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	9
100	FPGA implementation of DWT EEG data compression for wireless body sensor networks. , 2016, , .		9
101	Estimating the number of sources in white Gaussian noise: simple eigenvalues based approaches. IET Signal Processing, 2017, 11, 663-673.	1.5	9
102	Walsh transform with moving average filtering for data compression in wireless sensor networks. , 2017, , .		9
103	Classification for Imperfect EEG Epileptic Seizure in IoT applications: A Comparative Study. , 2018, , .		9
104	Automated class-based compression for real-time epileptic seizure detection. , 2018, , .		9
105	TangleCV. , 2019, , .		9
106	Drone-SCNet: Scaled Cascade Network for Crowd Counting on Drone Images. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 3988-4001.	4.7	9
107	Multicast at Edge: An Edge Network Architecture for Service-Less Crowdsourced Live Video Multicast. IEEE Access, 2021, 9, 59508-59526.	4.2	9
108	An Intelligent Resource Reservation for Crowdsourced Live Video Streaming Applications in Geo-Distributed Cloud Environment. IEEE Systems Journal, 2022, 16, 240-251.	4.6	9

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109	QuicTor: Enhancing Tor for Real-Time Communication Using QUIC Transport Protocol. IEEE Access, 2021, 9, 28769-28784.	4.2	9
110	DistPrivacy: Privacy-Aware Distributed Deep Neural Networks in IoT surveillance systems. , 2020, , .		9
111	Dynamic Network Slicing and Resource Allocation for 5G-and-Beyond Networks. , 2022, , .		9
112	EEG feature extraction and selection techniques for epileptic detection: A comparative study. , 2013, , .		8
113	Cooperative access in cognitive radio networks: stable throughput and delay tradeoffs. , 2014, , .		8
114	Robust secret key extraction from channel secondary random process. Wireless Communications and Mobile Computing, 2016, 16, 1389-1400.	1.2	8
115	Resource Provisioning for Cloud-Assisted Body Area Network in a Smart Home Environment. IEEE Access, 2017, 5, 13213-13224.	4.2	8
116	Service-Less Video Multicast in 5G: Enablers and Challenges. IEEE Network, 2020, 34, 270-276.	6.9	8
117	Adaptive energy-aware encoding for DWT-based wireless EEG tele-monitoring system. , 2013, , .		7
118	Distributed interference management using Q-Learning in cognitive femtocell networks: New USRP-based implementation. , 2015, , .		7
119	Optimal cooperative cognitive relaying and spectrum access for an energy harvesting cognitive radio: Reinforcement learning approach. , 2015, , .		7
120	DLRT: Deep Learning Approach for Reliable Diabetic Treatment. , 2017, , .		7
121	CE-D2D: Collaborative and Popularity-aware Proactive Chunks Caching in Edge Networks. , 2020, , .		7
122	Weighted Trustworthiness for ML Based Attacks Classification. , 2020, , .		7
123	I-SEE: Intelligent, Secure, and Energy-Efficient Techniques for Medical Data Transmission Using Deep Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 6454-6468.	8.7	7
124	VisDrone-CC2020: The Vision Meets Drone Crowd Counting Challenge Results. Lecture Notes in Computer Science, 2020, , 675-691.	1.3	7
125	On the fairness of frequency domain resource allocation in Wireless Mesh Networks — A survey. , 2011, , .		6
126	On the joint scheduling and intra-cell interference coordination in multi-relay LTE uplink. , 2012, , .		6

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127	Fairness scheme for energy efficient H.264/AVC-based video sensor network. Human-centric Computing and Information Sciences, 2015, 5, .	6.1	6
128	Cooperative Q-learning techniques for distributed online power allocation in femtocell networks. Wireless Communications and Mobile Computing, 2015, 15, 1929-1944.	1.2	6
129	A Simple Cross Correlation Switched Beam System (XSBS) for Angle of Arrival Estimation. IEEE Access, 2017, 5, 3340-3352.	4.2	6
130	A Simple Angle of Arrival Estimation System. , 2017, , .		6
131	Long-Term Power Procurement Scheduling Method for Smart-Grid Powered Communication Systems. IEEE Transactions on Wireless Communications, 2018, 17, 2882-2892.	9.2	6
132	DTW based Authentication for Wireless Medical Device Security. , 2018, , .		6
133	On Physical Layer Security in Energy-Efficient Wireless Health Monitoring Applications. , 2019, , .		6
134	Transcoding Resources Forecasting and Reservation for Crowdsourced Live Streaming. , 2019, , .		6
135	RL-DistPrivacy: Privacy-Aware Distributed Deep Inference for Low Latency IoT Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 2066-2083.	6.4	6
136	Joint routing and resource allocation for delay sensitive traffic in cognitive mesh networks. , 2011, , .		5
137	Evidence Theory-Based Approach for Epileptic Seizure Detection Using EEG Signals. , 2012, , .		5
138	Adaptive compression and optimization for real-time energy-efficient wireless EEG monitoring systems. , 2013, , .		5
139	Optimum power and rate allocation in video sensor networks. , 2013, , .		5
140	Transmission Delay Minimization for Energy Constrained Communication in Wireless Body Area Sensor Networks. , 2014, , .		5
141	Secret key generation based on channel and distance measurements. , 2014, , .		5
142	Energy-efficient on-board processing technique for wireless epileptic seizure detection systems. , 2015, , .		5
143	Secrecy for MIMO wiretap and MIMO broadcast channels with fading eavesdroppers: CSI does not increase the secure DoF. , 2015, , .		5
144	Comparative simulation for physical layer key generation methods. , 2015, , .		5

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145	Energy-Aware Cooperative Wireless Networks With Multiple Cognitive Users. IEEE Transactions on Communications, 2016, 64, 3233-3245.	7.8	5
146	Energy and Bursty Packet Loss Tradeoff Over Fading Channels: A System-Level Model. IEEE Systems Journal, 2018, 12, 527-538.	4.6	5
147	Light-Weight Solution to Defend Implantable Medical Devices against Man-In-The-Middle Attack. , 2018, , .		5
148	Deep learning and low rank dictionary model for mHealth data classification. , 2018, , .		5
149	Understanding Probabilistic Cognitive Relaying Communication with Experimental Implementation and Performance Analysis. Sensors, 2019, 19, 179.	3.8	5
150	Smart Edge Healthcare Data Sharing System. , 2020, , .		5
151	Blockchain Based Decentralized Trust Management framework. , 2020, , .		5
152	Public Security Surveillance System Using Blockchain Technology and Advanced Image Processing Techniques. , 2020, , .		5
153	Secure medical treatment with deep learning on embedded board. , 2020, , 131-151.		5
154	RL-PDNN: Reinforcement Learning for Privacy-Aware Distributed Neural Networks in IoT Systems. IEEE Access, 2021, 9, 54872-54887.	4.2	5
155	Energy-Aware Distributed Edge ML for mHealth Applications with Strict Latency Requirements. IEEE Wireless Communications Letters, 2021, , 1-1.	5.0	5
156	Dynamic Resource Allocation of eMBB-uRLLC Traffic in 5G New Radio. , 2020, , .		5
157	On the group proportional fairness of frequency domain resource allocation in L-SC-FDMA based LTE uplink. , 2010, , .		4
158	Utility-based uplink scheduling algorithm for enhancing throughput and fairness in relayed LTE networks. , 2010, , .		4
159	The impact of inter-layer network coding on the relative performance of MRC/MDC WiFi media delivery. , 2011, , .		4
160	Towards energy efficient relay placement and load balancing in future wireless networks. , 2014, , .		4
161	Efficient and Fair Throughput-Optimal Scheduling in Buffer-Aided Relay-Based Cellular Networks. IEEE Communications Letters, 2015, 19, 1390-1393.	4.1	4
162	User-centric network selection in multi-RAT systems. , 2016, , .		4

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163	RF Energy Harvesting Communications: Recent Advances and Research Issues. Studies in Systems, Decision and Control, 2016, , 339-363.	1.0	4
164	Deep learning approach for EEG compression in mHealth system. , 2017, , .		4
165	Concurrent association in heterogeneous networks with underlay D2D communication. , 2017, , .		4
166	Adaptive forwarding of mHealth data in challenged networks. , 2017, , .		4
167	Mathematical Evaluation of Human Immune Systems For Securing Software Defined Networks. , 2018, , .		4
168	Centralized and Distributed Cognitive Relay-Selection Schemes for SWIPT Cognitive Networks. IEEE Transactions on Communications, 2019, 67, 7431-7443.	7.8	4
169	Deep learning-based security schemes for implantable medical devices. , 2020, , 109-130.		4
170	AI-based techniques on edge devices to optimize energy efficiency in m-Health applications. , 2020, , 1-23.		4
171	Navigation and Obstacle Avoidance System in Unknown Environment. , 2020, , .		4
172	Outage Optimal Resource Allocation for Two-Hop Multiuser Multirelay Cooperative Communication in OFDMA Upstream. , 2011, , .		3
173	Power control and group proportional fairness for frequency domain resource allocation in L-SC-FDMA based LTE uplink. Wireless Networks, 2015, 21, 1819-1834.	3.0	3
174	Optimal spectrum access for a rechargeable cognitive radio user based on energy buffer state. , 2015, , .		3
175	Power-optimal feedback-based random spectrum access for an energy harvesting cognitive user. , 2015, , .		3
176	Energy efficient antenna selection for a MIMO relay using RF energy harvesting. , 2016, , .		3
177	User-centric network selection in multi-RAT systems. , 2016, , .		3
178	On the shortcoming of DTN solutions in rural mHealth applications. , 2017, , .		3
179	Light-weight encryption of wireless communication for implantable medical devices using henon chaotic system (invited paper). , 2017, , .		3
180	3-D Stochastic Geometry-Based Modeling and Performance Analysis of Efficient Security Enhancement Scheme for IoT Systems. IEEE Internet of Things Journal, 2022, 9, 6663-6677.	8.7	3

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181	ONSRA: an Optimal Network Selection and Resource Allocation Framework in multi-RAT Systems. , 2021, , .		3
182	WSN15-3: Optimal Resource Allocation for Homogeneous Wireless Multicast. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
183	Cross-Layer Optimal Rate Allocation for Heterogeneous Wireless Multicast. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	2
184	Delay minimization through joint routing and resource allocation in cognitive radio-based mesh networks. , 2012, , .		2
185	Design and analysis of an adaptive compressive sensing architecture for epileptic seizure detection. , 2013, , .		2
186	On the power efficiency for cognitive radio networks with multiple relays. , 2014, , .		2
187	Hybrid radio resource allocation and interference coordination for type 1aâ€relayed long term evolution uplink. IET Communications, 2014, 8, 1928-1937.	2.2	2
188	Energy-cost-distortion optimization for delay-sensitive M-health applications. , 2015, , .		2
189	Optimum power and rate allocation in cluster based video sensor networks. , 2015, , .		2
190	Optimal Energy Exchange Scheme for Energy Efficient Hybrid-Powered Communication Systems. , 2016, , .		2
191	Neural Network Conditional Random Fields for Self-Paced Brain Computer Interfaces. , 2016, , .		2
192	Energy Efficient EEG Monitoring System for Wireless Epileptic Seizure Detection. , 2016, , .		2
193	An evolutionary game theoretic approach for cooperative spectrum sensing. , 2016, , .		2
194	High performance EEG feature extraction for fast epileptic seizure detection. , 2017, , .		2
195	Salt Generation for Hashing Schemes based on ECG readings for Emergency Access to Implantable Medical Devices. , 2018, , .		2
196	Iterative Per Group Feature Selection For Intrusion Detection. , 2020, , .		2
197	Neuro-fuzzy analytics in athlete development (NueroFATH): a machine learning approach. Neural Computing and Applications, 0, , 1.	5.6	2
198	UAVs Smart heuristics for Target Coverage and Path Planning Through Strategic Locations. , 2021, , .		2

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199	Key Generation Based Fuzzy Logic and Elliptic Curve Cryptography for Internet of Things (IoT) Authentication. , 2020, , .		2
200	B5G: Predictive Container Auto-Scaling for Cellular Evolved Packet Core. IEEE Access, 2021, 9, 158204-158214.	4.2	2
201	Smart and Secure Blockchain-based Healthcare System Using Deep Q-Learning. , 2021, , .		2
202	Hierarchical Federated Learning over HetNets enabled by Wireless Energy Transfer. , 2021, , .		2
203	QUMESH: Wireless mesh network deployment and configuration in harsh environment. , 2012, , .		1
204	Energy efficient mobile relay selection for two-hop wireless networks. , 2014, , .		1
205	Distributed cross-layer optimization for healthcare monitoring applications. , 2014, , .		1
206	Effective capacity of cognitive radio links: Accessing primary feedback erroneously. , 2014, , .		1
207	Channel secondary random process for robust secret key generation. , 2015, , .		1
208	On the effect of proportional fairness in energy transfer for wireless powered communication networks. , 2015, , .		1
209	Utility-based efficient dynamic distributed resource allocation in buffer-aided relay-assisted OFDMA networks. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	1
210	Interference-based optimal power-efficient access scheme for cognitive radio networks. , 2015, , .		1
211	In-Network Data Reduction Approach Based on Smart Sensing. , 2016, , .		1
212	Formal verification of energy consumption for an EEG monitoring wireless body area sensor network. , 2016, , .		1
213	A Hardware Implementation for Efficient Spectrum Access in Cognitive Radio Networks. , 2017, , .		1
214	EEG-based Analysis Study for Patients Receiving Intravenous Antibiotic Medication. , 2020, , .		1
215	Optimizing Energy-Distortion Trade-off for Vital Signs Delivery in Mobile Health Applications. , 2020, , .		1
216	MMRL: A Multi-Modal Reinforcement Learning Technique for Energy-efficient Medical IoT Systems. , 2021, , .		1

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217	B5G: Predictive Container Auto-Scaling for Cellular Evolved Packet Core. , 2021, , .		1
218	Bayesian Network Based Heuristic for Energy Aware EEG Signal Classification. Lecture Notes in Computer Science, 2013, , 246-255.	1.3	1
219	Proportionally Fair approach for Torâ€™s Circuits Scheduling. , 2020, , .		1
220	Energy-Efficient Device Assignment and Task Allocation in Multi-Orchestrator Mobile Edge Learning. , 2021, , .		1
221	Security Performance Analysis of a Health System using Hybrid NOMA-OMA based IoT System. , 2021, , .		1
222	Video transcoding at the edge: cost and feasibility perspective. Cluster Computing, 2023, 26, 157-180.	5.0	1
223	PLS Performance Analysis of a Hybrid NOMA-OMA based IoT System with Mobile Sensors. , 2022, , .		1
224	Cross-layer Framework for Rate Allocation in Heterogeneous Wireless Multicast. , 2006, , .		0
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227	Effective seizure detection through the fusion of single-feature enhanced-k-NN classifiers of EEG signals. , 2013, , .		0
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230	DSA-Based Energy Efficient Cellular Networks: Integration with the Smart Grid. , 2016, , .		0
231	Compress or Interfere?. , 2019, , .		0
232	Energy-Efficient Networks Selection Based Deep Reinforcement Learning for Heterogeneous Health Systems. , 2021, , .		0
233	Rational Contracts: Data-driven Service Provisioning in Blockchain-powered Systems. , 2021, , .		0
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