

Adnan Abu-Mahfouz

List of Publications by Year in descending order

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Version: 2024-02-01

187
papers

5,479
citations

136740

32
h-index

106150

65
g-index

191
all docs

191
docs citations

191
times ranked

4742
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on 5G Networks for the Internet of Things: Communication Technologies and Challenges. IEEE Access, 2018, 6, 3619-3647.	2.6	920
2	A Survey on Software-Defined Wireless Sensor Networks: Challenges and Design Requirements. IEEE Access, 2017, 5, 1872-1899.	2.6	360
3	From Industry 4.0 to Agriculture 4.0: Current Status, Enabling Technologies, and Research Challenges. IEEE Transactions on Industrial Informatics, 2021, 17, 4322-4334.	7.2	306
4	A Review of Machine Learning Approaches to Power System Security and Stability. IEEE Access, 2020, 8, 113512-113531.	2.6	165
5	Software Defined Networking for Improved Wireless Sensor Network Management: A Survey. Sensors, 2017, 17, 1031.	2.1	159
6	Software defined wireless sensor networks application opportunities for efficient network management: A survey. Computers and Electrical Engineering, 2018, 66, 274-287.	3.0	139
7	IoT in the Wake of COVID-19: A Survey on Contributions, Challenges and Evolution. IEEE Access, 2020, 8, 186821-186839.	2.6	126
8	Towards Achieving a Reliable Leakage Detection and Localization Algorithm for Application in Water Piping Networks: An Overview. IEEE Access, 2017, 5, 20272-20285.	2.6	125
9	IoT devices and applications based on LoRa/LoRaWAN. , 2017, , .		115
10	A Survey on Adaptive Data Rate Optimization in LoRaWAN: Recent Solutions and Major Challenges. Sensors, 2020, 20, 5044.	2.1	101
11	A Survey of Anomaly Detection in Industrial Wireless Sensor Networks with Critical Water System Infrastructure as a Case Study. Sensors, 2018, 18, 2491.	2.1	100
12	Smart water meter system for user-centric consumption measurement. , 2015, , .		90
13	Cognitive Radio Based Sensor Network in Smart Grid: Architectures, Applications and Communication Technologies. IEEE Access, 2017, 5, 19084-19098.	2.6	73
14	A Simple Security Architecture for Smart Water Management System. Procedia Computer Science, 2016, 83, 1164-1169.	1.2	66
15	A survey on low-power wide area networks for IoT applications. Telecommunication Systems, 2019, 71, 249-274.	1.6	64
16	LoRa and LoRaWAN testbeds: A review. , 2017, , .		60
17	A Survey on Data Imputation Techniques: Water Distribution System as a Use Case. IEEE Access, 2018, 6, 63279-63291.	2.6	58
18	IoT-Enabled Solid Waste Management in Smart Cities. Smart Cities, 2021, 4, 1004-1017.	5.5	57

#	ARTICLE	IF	CITATIONS
19	The fourth industrial revolution in the food industry—Part I: Industry 4.0 technologies. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 6547-6563.	5.4	57
20	Leakage Detection and Estimation Algorithm for Loss Reduction in Water Piping Networks. <i>Water (Switzerland)</i> , 2017, 9, 773.	1.2	55
21	Comprehensive Review of SDN Controller Placement Strategies. <i>IEEE Access</i> , 2020, 8, 170070-170092.	2.6	54
22	Distance Bounding: A Practical Security Solution for Real-Time Location Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2013, 9, 16-27.	7.2	53
23	Real-time Dynamic Hydraulic Model for Potable Water Loss Reduction. <i>Procedia Engineering</i> , 2016, 154, 99-106.	1.2	52
24	A Survey on LPWAN Technologies in WBAN for Remote Health-Care Monitoring. <i>Sensors</i> , 2019, 19, 5268.	2.1	51
25	Fragmentation-Based Distributed Control System for Software-Defined Wireless Sensor Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 901-910.	7.2	50
26	Integrated treatment of acid mine drainage using BOF slag, lime/soda ash and reverse osmosis (RO): Implication for the production of drinking water. <i>Desalination</i> , 2017, 424, 45-52.	4.0	49
27	Localised information fusion techniques for location discovery in wireless sensor networks. <i>International Journal of Sensor Networks</i> , 2018, 26, 12.	0.2	47
28	Attack detection in water distribution systems using machine learning. <i>Human-centric Computing and Information Sciences</i> , 2019, 9, .	6.1	47
29	Pressure Management of Water Distribution Systems via the Remote Real-Time Control of Variable Speed Pumps. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	1.3	46
30	A Survey on the Viability of Confirmed Traffic in a LoRaWAN. <i>IEEE Access</i> , 2020, 8, 9296-9311.	2.6	45
31	An efficient distributed localisation algorithm for wireless sensor networks: based on smart reference-selection method. <i>International Journal of Sensor Networks</i> , 2013, 13, 94.	0.2	41
32	Security in software-defined wireless sensor networks: Threats, challenges and potential solutions. , 2017, , .		41
33	Overview, Comparative Assessment and Recommendations of Forecasting Models for Short-Term Water Demand Prediction. <i>Water (Switzerland)</i> , 2017, 9, 887.	1.2	41
34	ns-2 extension to simulate localization system in wireless sensor networks. , 2011, , .		37
35	Rapid prototyping of a wireless sensor network gateway for the internet of things using off-the-shelf components. , 2015, , .		37
36	Parameter-Less Remote Real-Time Control for the Adjustment of Pressure in Water Distribution Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	1.3	36

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37	A Review of Metaheuristic Techniques for Optimal Integration of Electrical Units in Distribution Networks. IEEE Access, 2021, 9, 5046-5068.	2.6	35
38	Techno-Economic Feasibility of Hybrid Solar Photovoltaic and Battery Energy Storage Power System for a Mobile Cellular Base Station in Soshanguve, South Africa. Energies, 2018, 11, 1572.	1.6	34
39	A key distribution scheme using elliptic curve cryptography in wireless sensor networks. , 2016, , .		33
40	Evaluating the LoRaWAN Protocol Using a Permanent Outdoor Testbed. IEEE Sensors Journal, 2019, 19, 4726-4733.	2.4	32
41	WaterGrid-Sense: A LoRa-Based Sensor Node for Industrial IoT Applications. IEEE Sensors Journal, 2020, 20, 2722-2729.	2.4	32
42	Utilising artificial intelligence in software defined wireless sensor network. , 2017, , .		31
43	Solving Management Problems in Water Distribution Networks: A Survey of Approaches and Mathematical Models. Water (Switzerland), 2019, 11, 562.	1.2	31
44	ALWadHA Localization Algorithm: Yet More Energy Efficient. IEEE Access, 2017, 5, 6661-6667.	2.6	30
45	Real Time Security Assessment of the Power System Using a Hybrid Support Vector Machine and Multilayer Perceptron Neural Network Algorithms. Sustainability, 2019, 11, 3586.	1.6	29
46	A LoRaWAN IoT-Enabled Trash Bin Level Monitoring System. IEEE Transactions on Industrial Informatics, 2022, 18, 786-795.	7.2	29
47	Evaluating ALWadHA for providing secure localisation for wireless sensor networks. , 2013, , .		28
48	Towards a distributed control system for software defined Wireless Sensor Networks. , 2017, , .		28
49	Building Upon NB-IoT Networks: A Roadmap Towards 5G New Radio Networks. IEEE Access, 2020, 8, 188641-188672.	2.6	28
50	Artificial Intelligence Techniques for Cognitive Sensing in Future IoT: State-of-the-Art, Potentials, and Challenges. Journal of Sensor and Actuator Networks, 2020, 9, 21.	2.3	28
51	Real-time Adjustment of Pressure to Demand in Water Distribution Systems: Parameter-less P-controller Algorithm. Procedia Engineering, 2016, 154, 391-397.	1.2	27
52	Estimation of Water Demand in Water Distribution Systems Using Particle Swarm Optimization. Water (Switzerland), 2017, 9, 593.	1.2	27
53	A Hybrid Multi-Class MAC Protocol for IoT-Enabled WBAN Systems. IEEE Sensors Journal, 2021, 21, 6761-6774.	2.4	27
54	Overlay Virtualized Wireless Sensor Networks for Application in Industrial Internet of Things: A Review. Sensors, 2018, 18, 3215.	2.1	26

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55	Analysis of the Narrow Band Internet of Things (NB-IoT) Technology. , 2019, , .		24
56	Efficient controller placement and reelection mechanism in distributed control system for software defined wireless sensor networks. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3588.	2.6	24
57	A Review of Research Works on Supervised Learning Algorithms for SCADA Intrusion Detection and Classification. Sustainability, 2021, 13, 9597.	1.6	24
58	An optimization planning framework for allocating multiple distributed energy resources and electric vehicle charging stations in distribution networks. Applied Energy, 2022, 322, 119513.	5.1	24
59	Toward developing a distributed autonomous energy management system (DAEMS). , 2015, , .		23
60	A Survey on the Security of Low Power Wide Area Networks: Threats, Challenges, and Potential Solutions. Sensors, 2020, 20, 5800.	2.1	23
61	A comparative analysis of local and global adaptive threshold estimation techniques for energy detection in cognitive radio. Physical Communication, 2018, 29, 1-11.	1.2	22
62	Analysis of IoT-Enabled Solutions in Smart Waste Management. , 2018, , .		22
63	Low Power Wide Area Network, Cognitive Radio and the Internet of Things: Potentials for Integration. Sensors, 2020, 20, 6837.	2.1	22
64	Towards achieving efficient MAC protocols for WBAN-enabled IoT technology: a review. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, .	1.5	22
65	Cognitive Radio in Low Power Wide Area Network for IoT Applications: Recent Approaches, Benefits and Challenges. IEEE Transactions on Industrial Informatics, 2020, 16, 7489-7498.	7.2	21
66	Refined LSTM Based Intrusion Detection for Denial-of-Service Attack in Internet of Things. Journal of Sensor and Actuator Networks, 2022, 11, 32.	2.3	20
67	Machine Learning Techniques for Traffic Identification and Classification in SDWSN: A Survey. , 2018, , .		19
68	Real-Time Dynamic Hydraulic Model of Water Distribution Networks. Water (Switzerland), 2019, 11, 470.	1.2	19
69	Peer-to-Peer Energy Trading in Smart Energy Communities: A Lyapunov-Based Energy Control and Trading System. IEEE Access, 2022, 10, 42916-42932.	2.6	18
70	An Effective Spectrum Handoff Based on Reinforcement Learning for Target Channel Selection in the Industrial Internet of Things. Sensors, 2019, 19, 1395.	2.1	17
71	CACC: Context-aware congestion control approach for lightweight CoAP/UDP-based Internet of Things traffic. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3822.	2.6	17
72	Pressure Management Strategies for Water Loss Reduction in Large-Scale Water Piping Networks: A Review. Springer Water, 2018, , 465-480.	0.2	17

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73	A Survey on Machine Learning Software-Defined Wireless Sensor Networks (ML-SDWSNs): Current Status and Major Challenges. IEEE Access, 2022, 10, 23560-23592.	2.6	17
74	Transactive Energy: State-of-the-Art in Control Strategies, Architectures, and Simulators. IEEE Access, 2021, 9, 131552-131573.	2.6	16
75	Energy-Aware Hybrid MAC Protocol for IoT Enabled WBAN Systems. IEEE Sensors Journal, 2022, 22, 2685-2699.	2.4	16
76	Software defined wireless sensor networks security challenges. , 2017, , .		15
77	State estimation in water distribution network: A review. , 2017, , .		15
78	Topology Discovery Protocol for Software Defined Wireless Sensor Network: Solutions and Open Issues. , 2018, , .		15
79	Predictive Uncertainty Estimation in Water Demand Forecasting Using the Model Conditional Processor. Water (Switzerland), 2018, 10, 475.	1.2	15
80	Wireless Power Transfer for IoT Devices - A Review. , 2019, , .		15
81	Localised Information Fusion Techniques for Location Discovery in Wireless Sensor Networks. International Journal of Sensor Networks, 2017, 1, 1.	0.2	14
82	Sensor-Based Solid Waste Handling Systems: A Survey. Sensors, 2022, 22, 2340.	2.1	14
83	An Updated Survey on the Convergence of Distributed Ledger Technology and Artificial Intelligence: Current State, Major Challenges and Future Direction. IEEE Access, 2022, 10, 50774-50793.	2.6	14
84	New Discrete Cuckoo Search Optimization Algorithms for Effective Route Discovery in IoT-Based Vehicular Ad-Hoc Networks. IEEE Access, 2020, 8, 145469-145488.	2.6	13
85	Guest Editorial: Sustainable and Intelligent Precision Agriculture. IEEE Transactions on Industrial Informatics, 2021, 17, 4318-4321.	7.2	13
86	Category-Based Multiobjective Approach for Optimal Integration of Distributed Generation and Energy Storage Systems in Distribution Networks. IEEE Access, 2021, 9, 28237-28250.	2.6	13
87	Long Short Term Memory Water Quality Predictive Model Discrepancy Mitigation Through Genetic Algorithm Optimisation and Ensemble Modeling. IEEE Access, 2022, 10, 24638-24658.	2.6	13
88	Performance analysis of correlated multi-channels in cognitive radio sensor network based smart grid. , 2017, , .		12
89	Behavioural Intrusion Detection in Water Distribution Systems Using Neural Networks. IEEE Access, 2020, 8, 190403-190416.	2.6	12
90	Power system events classification using genetic algorithm based feature weighting technique for support vector machine. Heliyon, 2021, 7, e05936.	1.4	12

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91	Cryptography Methods for Software-Defined Wireless Sensor Networks. , 2018, , .		11
92	A Review of Artificial Intelligence Based Intrusion Detection for Software-Defined Wireless Sensor Networks. , 2019, , .		11
93	Computational and experimental study for the desalination of petrochemical industrial effluents using direct contact membrane distillation. Applied Water Science, 2019, 9, 1.	2.8	11
94	A Review of LoRaWAN Simulators: Design Requirements and Limitations. , 2019, , .		11
95	Impact of Pressure-Driven Demand on Background Leakage Estimation in Water Supply Networks. Water (Switzerland), 2019, 11, 1600.	1.2	10
96	Analysis of SDN-Based Security Challenges and Solution Approaches for SDWSN Usage. , 2019, , .		10
97	Performance measurements of communication access technologies and improved cognitive radio model for smart grid communication. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3653.	2.6	10
98	SDNMMâ€™A Generic SDN-Based Modular Management System for Wireless Sensor Networks. IEEE Systems Journal, 2020, 14, 2347-2357.	2.9	10
99	Real-time Dynamic Hydraulic Model for Water Distribution Networks: Steady State Modelling. , 2016, , .		10
100	Modelling noise and pulse width modulation interference in indoor visible light communication channels. AEU - International Journal of Electronics and Communications, 2019, 106, 40-47.	1.7	9
101	Secure Firmware Updates in the Internet of Things: A survey. , 2019, , .		9
102	Data Imputation in Wireless Sensor Networks Using a Machine Learning-Based Virtual Sensor. Journal of Sensor and Actuator Networks, 2020, 9, 25.	2.3	9
103	Solar PV powered mobile cellular base station: Models and use cases in South Africa. , 2017, , .		8
104	A Review of Gateway Placement Algorithms on Internet of Things. , 2019, , .		8
105	Exploring Control-Message Quenching in SDN-based Management of 6LoWPANs. , 2019, , .		8
106	Amplitude quantization method for autonomous threshold estimation in self-reconfigurable cognitive radio systems. Physical Communication, 2021, 44, 101256.	1.2	8
107	A Survey on Vehicle Security Systems: Approaches and Technologies. , 2018, , .		7
108	Software Defined Wireless Sensor Networks Mangement and Security Challenges: A Review. , 2018, , .		7

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109	A Sea Rescue Operation System Based On LoRa. , 2019, , .		7
110	SurveilNet: A Lightweight Anomaly Detection System for Cooperative IoT Surveillance Networks. IEEE Sensors Journal, 2021, 21, 25293-25306.	2.4	7
111	A Survey of LoRaWAN Adaptive Data Rate Algorithms for Possible Optimization. , 2020, , .		7
112	Towards Cognitive Radio in Low Power Wide Area Network for Industrial IoT Applications. , 2019, , .		6
113	Device Authentication Schemes in IoT: A Review. , 2019, , .		6
114	Adaptive threshold techniques for cognitive radio-based low power wide area network. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3908.	2.6	6
115	Guest Editorial: AI-Enabled Threat Intelligence and Hunting Microservices for Distributed Industrial IoT System. IEEE Transactions on Industrial Informatics, 2022, 18, 1892-1895.	7.2	6
116	Artificial Intelligence-Driven Intrusion Detection in Software-Defined Wireless Sensor Networks: Towards Secure IoT-Enabled Healthcare Systems. International Journal of Environmental Research and Public Health, 2022, 19, 5367.	1.2	6
117	Interference Avoidance Resource Allocation for D2D-Enabled 5G Narrowband Internet of Things. IEEE Internet of Things Journal, 2022, 9, 22752-22764.	5.5	6
118	Energy Consumption Challenges in Clustered Cognitive Radio Sensor Networks: A Review. , 2019, , .		5
119	A Comparison of Data Aggregation Techniques in Software-Defined Wireless Sensor Network. , 2019, , .		5
120	A delay-aware spectrum handoff scheme for prioritized time-critical industrial applications with channel selection strategy. Computer Communications, 2019, 144, 112-123.	3.1	5
121	Wireless Power Transfer for LoRa Low-Power wide-area Networks (LPWANs). , 2019, , .		5
122	Enabling a Battery-Less Sensor Node Using Dedicated Radio Frequency Energy Harvesting for Complete Off-Grid Applications. Energies, 2020, 13, 5402.	1.6	5
123	Software-Defined Power Grids: A Survey on Opportunities and Taxonomy for Microgrids. IEEE Access, 2021, 9, 98973-98991.	2.6	5
124	Wireless gas sensing in South African underground platinum mines. , 2014, , .		4
125	Improving northbound interface communication in SDWSN. , 2017, , .		4
126	Burst leakage-pressure dependency in water piping networks: Its impact on leak openings. , 2017, , .		4

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127	Programmable Node in Software-Defined Wireless Sensor Networks: A Review. , 2018, , .		4
128	Analysis of Notable Security Issues in SDWSN. , 2018, , .		4
129	Analysis of Energy Inefficiency Challenges in Cognitive Radio Sensor Networks. , 2018, , .		4
130	Efficient Two Stage Spectrum Sensing for Cognitive Radios. , 2018, , .		4
131	Technology Coexistence in LPWANs-A Comparative Analysis for Spectrum Optimization. , 2019, , .		4
132	A Distributed Control System for Software Defined Wireless Sensor Networks Through Containerisation. , 2019, , .		4
133	Fog Orchestrator as an Enabler for Security in Fog Computing: A Review. , 2019, , .		4
134	Adaptability of Assistive Mobility Devices and the Role of the Internet of Medical Things: Comprehensive Review. JMIR Rehabilitation and Assistive Technologies, 2021, 8, e29610.	1.1	4
135	Energy-efficient distributed heterogeneous clustered spectrum-aware cognitive radio sensor network for guaranteed quality of service in smart grid. International Journal of Distributed Sensor Networks, 2021, 17, 155014772110283.	1.3	4
136	An optimization-based congestion control for constrained application protocol. International Journal of Network Management, 2022, 32, e2178.	1.4	4
137	Performance Evaluation of ETXPC-RPL Routing Algorithm in IoT Network. , 2020, , .		4
138	AC INDUCED CORROSION ASSESSMENT OF BURIED PIPELINES NEAR HVTLs: A CASE STUDY OF SOUTH AFRICA. Progress in Electromagnetics Research B, 2018, 81, 45-61.	0.7	3
139	A Review of Wireless Sensor Network Localisation Based on Software Defined Networking. , 2019, , .		3
140	Data Aggregation in Software-Defined Wireless Sensor Networks: A Review. , 2019, , .		3
141	Firmware Updates Over the Air Mechanisms for Low Power Wide Area Networks: A Review. , 2019, , .		3
142	RPL-Based on Load Balancing Routing objective Functions for IoTs in Distributed Networks. , 2019, , .		3
143	A cuckoo search optimization-based forward consecutive mean excision model for threshold adaptation in cognitive radio. Soft Computing, 2020, 24, 9683-9704.	2.1	3
144	Robustness of Parameter-Less Remote Real-Time Pressure Control in Water Distribution Systems. Springer Water, 2018, , 449-463.	0.2	3

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145	OTA Firmware Updates for LoRaWAN Using Blockchain. , 2020, , .		3
146	A Machine Learning approach to Intrusion Detection in Water Distribution Systems â€œ A Review. , 2021, , .		3
147	Blockchain-Based Security Model for LoRaWAN Firmware Updates. Journal of Sensor and Actuator Networks, 2022, 11, 5.	2.3	3
148	Analysis of IoT-based Vehicle Anti-Theft Security. , 2021, , .		3
149	A Survey of Resource Allocation and Controller Placement Problem in SDN-SDWSN. , 2021, , .		3
150	Analysis of Hierarchical Cluster-based Energy-Aware Routing Protocols in WSNs for SDWSN Application. , 2021, , .		3
151	Packets distribution in a tree-based topology Wireless Sensor Networks. , 2016, , .		2
152	Graph based hydraulic modelling of pressure in water distribution networks. , 2017, , .		2
153	Hybrid Battery Technologies with Battery Management System in Power and Energy Sectors. , 2018, , .		2
154	Comparative Study of Artificial Intelligence Based Intrusion Detection for Software-Defined Wireless Sensor Networks. , 2019, , .		2
155	Improved Resource Allocation and Network Connectivity in CRSN Based Smart Grid for Efficient Grid Automation. , 2019, , .		2
156	Potable Water Quality Monitoring: A Survey of Intelligent Techniques. , 2019, , .		2
157	Miscellaneous Energy Profile Management Scheme for Optimal Integration of Electric Vehicles in a Distribution Network Considering Renewable Energy Sources. , 2021, , .		2
158	Intrusion Detection for Water Distribution Systems based on an Hybrid Particle Swarm Optimization with Back Propagation Neural Network. , 2021, , .		2
159	A Survey of Intelligent Agro-climate Decision Support Tool for Small-Scale Farmers: An Integration of Indigenous Knowledge, Mobile Phone Technology and Smart Sensors. Lecture Notes in Networks and Systems, 2021, , 715-730.	0.5	2
160	A Spreading Factor Congestion Status-Aware Adaptive Data Rate Algorithm. Journal of Sensor and Actuator Networks, 2021, 10, 70.	2.3	2
161	Supervised learning based intrusion detection for SCADA systems. , 2022, , .		2
162	A spreadsheet tool for the analysis of flows in small-scale water piping networks. , 2017, , .		1

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163	A Survey of Network and Intelligent air pollution monitoring in South Africa. , 2019, , .		1
164	Internet of Things Based Multi-Sensor Fusion For Assistive Mobility Devices. , 2021, , .		1
165	CR-LPWAN: issues, solutions and research directions. , 2021, , .		1
166	Radio Resource Allocation Improvements in Cognitive Radio Sensor Network for Smart Grid: Investigative Study and Solutions. International Journal of Sensors, Wireless Communications and Control, 2021, 11, 666-688.	0.5	1
167	Analysis of Energy-efficient Techniques for SDWSN Energy Usage Optimization. , 2020, , .		1
168	Guest editorial: IoT sensing, applications, and technologies for smart sustainable cities. IET Smart Cities, 2021, 3, 121-124.	1.6	1
169	A Critical Review of IoT-Connected Healthcare and Information Security in South Africa. Lecture Notes in Networks and Systems, 2022, , 739-746.	0.5	1
170	A Review on Control System Algorithm for Building Automation Systems. , 2016, , .		1
171	Improved Two-Stage Spectrum Sensing for Cognitive Radio Networks. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2019, 23, 1052-1062.	0.5	1
172	Enabling User-Oriented Features at the Edge: A Case of an IoT-based Smart Shopping Cart. , 2021, , .		1
173	Video Encoding for Wireless Multimedia Sensor Networks: A Review. , 2020, , .		1
174	Guest Editorial: AI-Enabled Software-Defined Industrial Networks: Architectures, Algorithms, and Applications. IEEE Transactions on Industrial Informatics, 2022, 18, 4210-4214.	7.2	1
175	A Review of Intrusion Detection Techniques in the SDN Environment. , 2021, , .		1
176	An interface for coupling optimization algorithms with EPANET in discrete event simulation platforms. , 2017, , .		0
177	Histogram partitioning algorithms for adaptive and autonomous threshold estimation in cognitive radio-based industrial wireless sensor networks. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3679.	2.6	0
178	Comparison of Localisation Estimation Algorithms in Software Defined Wireless Sensor Networks. , 2019, , .		0
179	Generalized self-tuning system for adaptive threshold estimators in cognitive radio systems using swarm and evolutionary-based approaches. Transactions on Emerging Telecommunications Technologies, 2021, 32, .	2.6	0
180	Performance Evaluation of Spreading Factors in LoRa Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 203-215.	0.2	0

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181	A Review of Interference Challenges on Integrated 5G NR and NB-IoT Networks. , 2021, , .		0
182	Effect of Pipe Materials on Background Leakage Estimate Using Graph-Based Hydraulic Model: An Extended Study. , 2019, , 245-254.		0
183	Automatic Number Plate Recognition for Remote Gate Automation: An Edge Computing Approach. , 2021, , .		0
184	Empirical Comparison of Machine Learning Algorithms for Mitigating Power Systems Intrusion Attacks. , 2020, , .		0
185	Solving MKP Applied to IoT in Smart Grid Using Meta-heuristics Algorithms: A Parallel Processing Perspective. , 2020, , .		0
186	Comprehensive Analysis of Energy Efficiency Schemes in the Internet of Things. , 2020, , .		0
187	A Mechanism for Energy Efficiency in Cognitive Radio Sensor Networks Based on Sleep-Wake Scheduling Strategy. , 2021, , .		0