

Fadi M Al-Turjman

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

377
papers

6,134
citations

44
h-index

63
g-index

411
ext. papers

8,472
ext. citations

3.8
avg. IF

7.67
L-index

#	Paper	IF	Citations
377	Anonymous Mutual and Batch Authentication with Location Privacy of UAV in FANET. <i>Drones</i> , 2022 , 6, 14	5.4	3
376	Achieving data privacy for decision support systems in times of massive data sharing.. <i>Cluster Computing</i> , 2022 , 1-13	2.1	2
375	BAIV: An Efficient Blockchain-Based Anonymous Authentication and Integrity Preservation Scheme for Secure Communication in VANETs. <i>Electronics (Switzerland)</i> , 2022 , 11, 488	2.6	2
374	A comprehensive survey on blockchain technology. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 52, 102039	4.7	3
373	Agile Support Vector Machine for Energy-efficient Resource Allocation in IoT-oriented Cloud using PSO. <i>ACM Transactions on Internet Technology</i> , 2022 , 22, 1-35	3.8	
372	Data protection and privacy preservation mechanisms for applications of IoT in smart grids using AI 2022 , 207-231		0
371	A Hybrid Scheduling Approach in the Cloud. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 418-431	0.4	
370	A Framework for Pothole Detection via the AI-Blockchain Integration. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 398-406	0.4	0
369	Application of artificial intelligence and information and communication technology in the grid agricultural industry: business motivation, analytical tools, and challenges 2022 , 179-205		
368	Wi-Fi Attendance System in the IoT Era. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 19-29	0.4	
367	Wi-Fi Feedback-Based Power System in the Heterogenous IoT Era [An Overview]. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 432-442	0.4	
366	Smart grid metering: security, privacy, and open challenges 2022 , 255-272		
365	Hybridized sine cosine algorithm with convolutional neural networks dropout regularization application.. <i>Scientific Reports</i> , 2022 , 12, 6302	4.9	13
364	Evolutionary Heuristic Computing Paradigm for 2D-DOA Estimation along Circular Array. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-14	1.9	
363	Deep Learning Models for COVID-19 Detection. <i>Sustainability</i> , 2022 , 14, 5820	3.6	4
362	An Efficient Medical Assistive Diagnostic Algorithm for Visualisation of Structural and Tissue Details in CT and MRI Fusion. <i>Cognitive Computation</i> , 2021 , 13, 1471	4.4	1
361	An enhanced intelligent model: To protect marine IoT sensor environment using ensemble machine learning approach. <i>Ocean Engineering</i> , 2021 , 242, 110180	3.9	0

360	A Proxy-Authorized Public Auditing Scheme for Cyber-Medical Systems Using AI-IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	0
359	A Privacy Enhanced Authentication Scheme for Securing Smart Grid Infrastructure. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	10
358	Smart Tourism: A Proof of Concept For Cyprus Museum of Modern Arts In The IoT Era 2021 ,		1
357	Particle Swarm Optimization for Adaptive Social-distance of Neighborhood in the IoT and COVID-19 Era 2021 ,		2
356	A Novel Handover Mechanism of PMIPv6 for the Support of Multi-Homing Based on Virtual Interface. <i>Sustainability</i> , 2021 , 13, 11743	3.6	
355	A robust and distributed architecture for 5G-enabled networks in the smart blockchain era. <i>Computer Communications</i> , 2021 , 181, 293-293	5.1	6
354	Secure and Consistent Job Administration Using Encrypted Data Access Policies in Cloud Systems. <i>Computers and Electrical Engineering</i> , 2021 , 96, 107520	4.3	
353	Privacy-aware detection framework to mitigate new-age phishing attacks. <i>Computers and Electrical Engineering</i> , 2021 , 96, 107546	4.3	3
352	Deming least square regressed feature selection and Gaussian neuro-fuzzy multi-layered data classifier for early COVID prediction. <i>Expert Systems</i> , 2021 , e12694	2.1	5
351	Vision Based Segmentation and Classification of Cracks Using Deep Neural Networks. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2021 , 29, 141-156	0.8	2
350	An automated breast cancer diagnosis using feature selection and parameter optimization in ANN. <i>Computers and Electrical Engineering</i> , 2021 , 90, 106958	4.3	22
349	Swarm intelligence-based optimal device deployment in heterogeneous Internet of Things networks for wind farm application. <i>International Journal of Communication Systems</i> , 2021 , 34, e4779	1.7	0
348	COVID-19 cases prediction by using hybrid machine learning and beetle antennae search approach. <i>Sustainable Cities and Society</i> , 2021 , 66, 102669	10.1	117
347	A bio-inspired privacy-preserving framework for healthcare systems. <i>Journal of Supercomputing</i> , 2021 , 77, 11099-11134	2.5	11
346	Machine learning-data mining integrated approach for premature ventricular contraction prediction. <i>Neural Computing and Applications</i> , 2021 , 33, 11703-11719	4.8	8
345	Advertising through UAVs: Optimized path system for delivering smart real-estate advertisement materials. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 3429-3463	8.4	13
344	Path loss modelling at 60 GHz mmWave based on cognitive 3D ray tracing algorithm in 5G. <i>Peer-to-Peer Networking and Applications</i> , 2021 , 14, 3181-3197	3.1	4
343	Optimized convolutional neural network by firefly algorithm for magnetic resonance image classification of glioma brain tumor grade. <i>Journal of Real-Time Image Processing</i> , 2021 , 18, 1085-1098	1.9	15

342	Artificial intelligence and blockchain: A review. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4268	1.9	8
341	Multimodal News Feed Evaluation System with Deep Reinforcement Learning Approaches. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2021 , 20, 1-12	1.1	0
340	Differential spectrum access for next generation data traffic in massive-IoT. <i>Microprocessors and Microsystems</i> , 2021 , 82, 103951	2.4	1
339	COVID-19 in the Age of Artificial Intelligence: A Comprehensive Review. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021 , 13, 153-175	3.5	11
338	Convolutional neural network for diagnosis of viral pneumonia and COVID-19 alike diseases. <i>Expert Systems</i> , 2021 , e12705	2.1	2
337	DDoS prevention architecture using anomaly detection in fog-empowered networks. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2021 , 1-17	2.2	
336	Barriers to the digitalisation and innovation of Australian Smart Real Estate: A managerial perspective on the technology non-adoption. <i>Environmental Technology and Innovation</i> , 2021 , 22, 101527	7	24
335	Robust Lightweight Privacy-Preserving and Session Scheme Interrogation for Fog Computing Systems. <i>Journal of Information Security and Applications</i> , 2021 , 58, 102689	3.5	3
334	Pandemic coronavirus disease (Covid-19): World effects analysis and prediction using machine-learning techniques. <i>Expert Systems</i> , 2021 ,	2.1	4
333	A framework for task allocation in IoT-oriented industrial manufacturing systems. <i>Computer Networks</i> , 2021 , 190, 107971	5.4	2
332	Smart home security: challenges, issues and solutions at different IoT layers. <i>Journal of Supercomputing</i> , 2021 , 77, 14053	2.5	15
331	Privacy-preserving in smart contracts using blockchain and artificial intelligence for cyber risk measurements. <i>Journal of Information Security and Applications</i> , 2021 , 58, 102749	3.5	7
330	Multivariate regressive deep stochastic artificial learning for energy and cost efficient 6G communication. <i>Sustainable Computing: Informatics and Systems</i> , 2021 , 30, 100522	3	1
329	Feature selection and classification in breast cancer prediction using IoT and machine learning. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021 , 178, 109442	4.6	8
328	Convolutional neural networks for the classification of chest X-rays in the IoT era. <i>Multimedia Tools and Applications</i> , 2021 , 80, 1-15	2.5	7
327	Implementation of autonomous driving using Ensemble-M in simulated environment. <i>Soft Computing</i> , 2021 , 25, 12429-12438	3.5	0
326	Risk management in sustainable smart cities governance: A TOE framework. <i>Technological Forecasting and Social Change</i> , 2021 , 167, 120743	9.5	51
325	Investigating the Spread of Coronavirus Disease via Edge-AI and Air Pollution Correlation. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-10	3.8	4

324	Trilateration-based indoor localization engineering technique for visible light communication system. <i>Software - Practice and Experience</i> , 2021 , 51, 503-516	2.5	1
323	Seamless Authentication: For IoT-Big Data Technologies in Smart Industrial Application Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2919-2927	11.9	13
322	Skyline Query Optimization for Preferable Product Selection and Recommendation System. <i>Wireless Personal Communications</i> , 2021 , 117, 3091-3108	1.9	3
321	Smart-grid and solar energy harvesting in the IoT era: An overview. <i>Concurrency Computation Practice and Experience</i> , 2021 , 33, e4896	1.4	9
320	An improved ensemble based intrusion detection technique using XGBoost. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4076	1.9	10
319	Dynamic-Driven Congestion Control and Segment Rerouting in the 6G-Enabled Data Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7165-7173	11.9	2
318	A trust-based fuzzy neural network for smart data fusion in internet of things. <i>Computers and Electrical Engineering</i> , 2021 , 89, 106901	4.3	12
317	Lightweight authentication for IoT/Cloud-based forensics in intelligent data computing. <i>Future Generation Computer Systems</i> , 2021 , 116, 406-425	7.5	8
316	Deep learning, machine learning and internet of things in geophysical engineering applications: An overview. <i>Microprocessors and Microsystems</i> , 2021 , 80, 103613	2.4	4
315	. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	50
314	Smart Mutual Authentication Protocol for Cloud Based Medical Healthcare Systems Using Internet of Medical Things. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 346-360	14.2	19
313	Security aspects and UAVs in Socialized Regions 2021 , 229-245		1
312	Automated Segmentation of COVID-19 Lesion from Lung CT Images Using U-Net Architecture. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 20-30	0.2	2
311	IoT and AI for COVID-19 in Scalable Smart Cities. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 3-19	0.2	3
310	Design of a Navigation System for the Blind/Visually Impaired. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 25-45	0.2	2
309	Time Difference of Arrival Based Indoor Positioning System Using Visible Light Communication. <i>IEEE Access</i> , 2021 , 9, 52113-52124	3.5	9
308	Application of AI Techniques for COVID-19 in IoT and Big Data Era: A Survey. <i>Studies in Computational Intelligence</i> , 2021 , 175-211	0.8	5
307	Artificial Intelligence in face of the Novel CoronaVirus. <i>Studies in Computational Intelligence</i> , 2021 , 43-71	0.8	

306	Light Communication for Controlling Industrial Robots. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 111-128	0.2	
305	Semantic Web and Business Intelligence in Big-Data and Cloud Computing Era. <i>Lecture Notes in Networks and Systems</i> , 2021 , 1418-1432	0.5	4
304	COVID-19 Detection on CT Scans Using Local Binary Pattern and Deep Learning. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 101-107	0.2	
303	5G Network Slicing Technology and Its Impact on COVID-19: A Comprehensive Survey. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 64-86	0.2	
302	A machine learning-based framework for diagnosis of COVID-19 from chest X-ray images. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021 , 13, 103-117	3.5	44
301	COVID-19 Patient Care: A Content-Based Collaborative Filtering Using Intelligent Recommendation System. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 31-44	0.2	1
300	Intelligent Mobile Application for Crime Reporting in the Heterogenous IoT Era 2021 , 149-170		
299	IOT Based Energy Monitoring of PV Plants - An Overview. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 57-64	0.2	
298	Lightweight Privacy and Confidentiality Preserving Anonymous Authentication Scheme for WBANs. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	10
297	Security in social networks 2021 , 1-27		2
296	MTCEE-LLN: Multi-layer Threshold Cluster-based Energy Efficient Low Power and Lossy Networks for Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
295	Predicting the energy output of hybrid PV/wind renewable energy system using feature selection technique for smart grids. <i>Energy Reports</i> , 2021 ,	4.6	29
294	RapidAuth: Fast Authentication for Sustainable IoT. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 82-95	0.2	1
293	A reinforcement learning optimization for future smart cities using software defined networking. <i>International Journal of Machine Learning and Cybernetics</i> , 2021 , 12, 3221	3.8	
292	Genomic sequence analysis of lung infections using artificial intelligence technique. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021 , 13, 192-200	3.5	4
291	Addressing disasters in smart cities through UAVs path planning and 5G communications: A systematic review. <i>Computer Communications</i> , 2021 , 168, 114-135	5.1	58
290	Load Balancing Algorithm on the Immense Scale of Internet of Things in SDN for Smart Cities. <i>Sustainability</i> , 2021 , 13, 9587	3.6	3
289	Increasing privacy and security by integrating a Blockchain Secure Interface into an IoT Device Security Gateway Architecture. <i>Energy Reports</i> , 2021 ,	4.6	7

288	Energy-efficient blockchain implementation for Cognitive Wireless Communication Networks (CWCNs). <i>Energy Reports</i> , 2021 , 7, 8277-8277	4.6	6
287	C-SVR Crispr: Prediction of CRISPR/Cas12 guideRNA activity using deep learning models. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 3501-3508	6.1	2
286	Intelligent free energy usage through radiant energy space phenomenon: An IoT-powered prototype for modified Bedini generator. <i>Microprocessors and Microsystems</i> , 2021 , 104319	2.4	1
285	Data-centric routing and caching approach for mobile and social sensing applications. <i>Computers and Electrical Engineering</i> , 2021 , 94, 107357	4.3	1
284	Managing smart cities through six sigma DMADICV method: A review-based conceptual framework. <i>Sustainable Cities and Society</i> , 2021 , 72, 103022	10.1	21
283	ANFIS for prediction of epidemic peak and infected cases for COVID-19 in India. <i>Neural Computing and Applications</i> , 2021 , 1-14	4.8	2
282	Multiphase fault tolerance genetic algorithm for vm and task scheduling in datacenter. <i>Information Processing and Management</i> , 2021 , 58, 102676	6.3	5
281	How to Exploit 5G Networks for IoT e-Health Security and Privacy Challenges. <i>IEEE Internet of Things Magazine</i> , 2021 , 4, 6-11	3.5	0
280	Power loss reduction and voltage enhancement via distributed photovoltaic generation: Case study in North Cyprus. <i>Computers and Electrical Engineering</i> , 2021 , 95, 107432	4.3	2
279	Bootstrap aggregative mean shift clustering for big data anti-pattern detection analytics in 5G/6G communication networks. <i>Computers and Electrical Engineering</i> , 2021 , 95, 107380	4.3	1
278	A Novel Approach for Efficient Packet Transmission in Volunteered Computing MANET. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-15	3.8	1
277	Share: A Design Pattern for Dynamic Composition of IoT Services. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 144-156	0.2	
276	Cyber security in mobile social networks 2021 , 55-81		3
275	Pneumonia Classification Using Deep Learning from Chest X-ray Images During COVID-19. <i>Cognitive Computation</i> , 2021 , 1-13	4.4	40
274	An Optimization of the Signal-to-Noise Ratio Distribution of an Indoor Visible Light Communication System Based on the Conventional Layout Model. <i>Sustainability</i> , 2020 , 12, 9006	3.6	2
273	Edge Computing-Based Localization Technique to Detecting Behavior of Dementia. <i>IEEE Access</i> , 2020 , 8, 82108-82119	3.5	4
272	CovidGAN: Data Augmentation Using Auxiliary Classifier GAN for Improved Covid-19 Detection. <i>IEEE Access</i> , 2020 , 8, 91916-91923	3.5	258
271	A novel community-based trust aware recommender systems for big data cloud service networks. <i>Sustainable Cities and Society</i> , 2020 , 61, 102274	10.1	22

270	Analysis on homomorphic technique for data security in fog computing. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 32, e3990	1.9	3
269	Securing Demand Response Management: A Certificate-Based Access Control in Smart Grid Edge Computing Infrastructure. <i>IEEE Access</i> , 2020 , 8, 101235-101243	3.5	39
268	ECMCRR-MPDNL for Cellular Network Traffic Prediction With Big Data. <i>IEEE Access</i> , 2020 , 8, 113419-113428	3.5	3
267	Energy and spectrum aware unequal clustering with deep learning based primary user classification in cognitive radio sensor networks. <i>International Journal of Machine Learning and Cybernetics</i> , 2020 , 1	3.8	13
266	Capturing-the-Invisible (CTI): Behavior-Based Attacks Recognition in IoT-Oriented Industrial Control Systems. <i>IEEE Access</i> , 2020 , 8, 104956-104966	3.5	23
265	Smart agriculture framework using UAVs in the Internet of Things era 2020 , 107-122		4
264	Explorative analysis of AUV-aided cluster-based routing protocols for Internet of intelligent underwater sensors 2020 , 143-187		2
263	AI for dynamic packet size optimization of batteryless IoT nodes: a case study for wireless body area sensor networks. <i>Neural Computing and Applications</i> , 2020 , 32, 16167-16178	4.8	4
262	Applications of Artificial Intelligence and Machine learning in smart cities. <i>Computer Communications</i> , 2020 , 154, 313-323	5.1	152
261	Aerial and underwater drone communication: potentials and vulnerabilities 2020 , 1-26		3
260	AI simulations and programming environments for drones: an overview 2020 , 93-106		0
259	Data-driven dynamic clustering framework for mitigating the adverse economic impact of Covid-19 lockdown practices. <i>Sustainable Cities and Society</i> , 2020 , 62, 102372	10.1	73
258	Programmers' de-anonymization using a hybrid approach of abstract syntax tree and deep learning. <i>Technological Forecasting and Social Change</i> , 2020 , 159, 120186	9.5	8
257	AI Techniques for COVID-19.. <i>IEEE Access</i> , 2020 , 8, 128776-128795	3.5	66
256	Futuristic CRISPR-based biosensing in the cloud and internet of things era: an overview. <i>Multimedia Tools and Applications</i> , 2020 , 1-29	2.5	15
255	An intrusion detection scheme based on the ensemble of discriminant classifiers. <i>Computers and Electrical Engineering</i> , 2020 , 86, 106742	4.3	15
254	Feasibility analysis of solar photovoltaic-wind hybrid energy system for household applications. <i>Computers and Electrical Engineering</i> , 2020 , 86, 106743	4.3	19
253	Securing Smart City Surveillance: A Lightweight Authentication Mechanism for Unmanned Vehicles. <i>IEEE Access</i> , 2020 , 8, 43711-43724	3.5	74

252	Monitoring Movements of Ataxia Patient by Using UWB Technology. <i>Sensors</i> , 2020 , 20,	3.8	9
251	Correcting design flaws: An improved and cloud assisted key agreement scheme in cyber physical systems. <i>Computer Communications</i> , 2020 , 153, 527-537	5.1	52
250	Cognition in UAV-Aided 5G and Beyond Communications: A Survey. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020 , 6, 872-891	6.6	69
249	Smart Contract Privacy Protection Using AI in Cyber-Physical Systems: Tools, Techniques and Challenges. <i>IEEE Access</i> , 2020 , 8, 24746-24772	3.5	111
248	Performance evaluation of hybrid disaster recovery framework with D2D communications. <i>Computer Communications</i> , 2020 , 152, 81-92	5.1	9
247	. <i>IEEE Access</i> , 2020 , 8, 26172-26189	3.5	22
246	Fog computing for sustainable smart cities in the IoT era: Caching techniques and enabling technologies - an overview. <i>Sustainable Cities and Society</i> , 2020 , 59, 102139	10.1	68
245	Artificial bee colony method for identifying eavesdropper in terrestrial cellular networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 32, e3941	1.9	1
244	IoT-BSFCAN: A smart context-aware system in IoT-Cloud using mobile-fogging. <i>Future Generation Computer Systems</i> , 2020 , 109, 368-381	7.5	16
243	Enhanced Medium Access for Traffic Management in Smart-Cities/Vehicular-Cloud. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2020 , 0-0	2.6	6
242	Activity Pattern Mining for Healthcare. <i>IEEE Access</i> , 2020 , 8, 56730-56738	3.5	16
241	Smart Routing Management Framework Exploiting Dynamic Data Resources of Cross-Layer Design and Machine Learning Approaches for Mobile Cognitive Radio Networks: A Survey. <i>IEEE Access</i> , 2020 , 8, 67835-67867	3.5	9
240	Artificial intelligence inspired energy and spectrum aware cluster based routing protocol for cognitive radio sensor networks. <i>Journal of Parallel and Distributed Computing</i> , 2020 , 142, 90-105	4.4	15
239	On the Security of an Authentication Scheme for Smart Metering Infrastructure 2020 ,		2
238	DESIGN AND TESTING OF AUTOMATED SMOKE MONITORING SENSORS IN VEHICLES. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	10
237	COVID-19 special issue: Intelligent solutions for computer communication-assisted infectious disease diagnosis. <i>Expert Systems</i> , 2020 , e12574	2.1	1
236	Machine Learning Applications for Internet of Flying Vehicles in Case of Critical and Environmental Cases. <i>Unmanned System Technologies</i> , 2020 , 39-48	0.4	
235	UAVs Healthcare Applications, Communication Protocols, Deployment Strategies, and Security Challenges. <i>Unmanned System Technologies</i> , 2020 , 27-37	0.4	1

234	Network Lifetime Efficiency Based on Equal and Unequal Size Clustering Strategies. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 905-916	0.4	
233	A Deep LearningBased Approach for Emotions Classification in Big Corpus of Imbalanced Tweets. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2020 , 20, 1-16	1.1	0
232	An Overview about the Cyberattacks in Grid and Like Systems 2020 , 233-247		1
231	Energy Monitoring in IoT-Based Grid 2020 , 31-47		
230	Mobile Couriers and the Grid 2020 , 105-138		
229	Cloud Computing and Business Intelligence in IoT-Enabled Smart and Healthy Cities 2020 , 1-38		
228	Applications of AI, IoT, IoMT, and Biosensing Devices in Curbing COVID-19 2020 , 141-158		0
227	Correctness of an Authentication Scheme for Managing Demand Response in Smart Grid 2020 , 223-231		4
226	Programming Models and Algorithms for Big Data. <i>Big Data</i> , 2020 , 8, 542-543	3.1	
225	A Comprehensive Review on the Use of AI in UAV Communications: Enabling Technologies, Applications, and Challenges. <i>Unmanned System Technologies</i> , 2020 , 1-26	0.4	3
224	A Review on the Use of Wireless Sensor Networks in Cultural Heritage: Communication Technologies, Requirements, and Challenges. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 21-35	0.6	1
223	Physics of stabilization and control for the Drone quadrotors 2020 , 189-205		
222	An energy-efficient topology control algorithm for optimizing the lifetime of wireless ad-hoc IoT networks in 5G and B5G. <i>Computer Communications</i> , 2020 , 159, 83-96	5.1	9
221	I-AREOR: An energy-balanced clustering protocol for implementing green IoT in smart cities. <i>Sustainable Cities and Society</i> , 2020 , 61, 102254	10.1	37
220	Reliability of response region: A novel mechanism in visual tracking by edge computing for IIoT environments. <i>Mechanical Systems and Signal Processing</i> , 2020 , 138, 106537	7.8	66
219	Image and command hybrid model for vehicle control using Internet of Vehicles. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 31, e3774	1.9	10
218	The limitations in the state-of-the-art counter-measures against the security threats in H-IoT. <i>Cluster Computing</i> , 2020 , 23, 2047-2065	2.1	16
217	Intelligence in the Internet of Medical Things era: A systematic review of current and future trends. <i>Computer Communications</i> , 2020 , 150, 644-660	5.1	95

216	UAVs assessment in software-defined IoT networks: An overview. <i>Computer Communications</i> , 2020 , 150, 519-536	5.1	46
215	Deep Learning Enabled Data Offloading With Cyber Attack Detection Model in Mobile Edge Computing Systems. <i>IEEE Access</i> , 2020 , 8, 185938-185949	3.5	9
214	A smart lightweight privacy preservation scheme for IoT-based UAV communication systems. <i>Computer Communications</i> , 2020 , 162, 102-117	5.1	20
213	UAVs joint optimization problems and machine learning to improve the 5G and Beyond communication. <i>Computer Networks</i> , 2020 , 182, 107478	5.4	13
212	Programming Models and Algorithms for Big Data. <i>Big Data</i> , 2020 , 8, 454-455	3.1	
211	Security Challenges and Cyber Forensic Ecosystem in IoT Driven BYOD Environment. <i>IEEE Access</i> , 2020 , 8, 172770-172782	3.5	4
210	Blockchain-Based Cryptocurrency Regulation: An Overview. <i>Computational Economics</i> , 2020 , 1	1.4	20
209	Cognitive Intelligence for Monitoring Fractured Post-Surgery Ankle Activity Using Channel Information. <i>IEEE Access</i> , 2020 , 8, 112113-112129	3.5	10
208	Parkinson Data Analysis and Prediction System Using Multi-Variant Stacked Auto Encoder. <i>IEEE Access</i> , 2020 , 8, 127004-127013	3.5	9
207	A systematic approach for COVID-19 predictions and parameter estimation. <i>Personal and Ubiquitous Computing</i> , 2020 , 1-13	2.1	12
206	Intelligent multimodal medical image fusion with deep guided filtering. <i>Multimedia Systems</i> , 2020 , 1	2.2	5
205	IoT-based green city architecture using secured and sustainable android services. <i>Environmental Technology and Innovation</i> , 2020 , 20, 101091	7	17
204	A Dominating Tree Based Leader Election Algorithm for Smart Cities IoT Infrastructure. <i>Mobile Networks and Applications</i> , 2020 , 1	2.9	4
203	Intelligence, security, and vehicular sensor networks in internet of things (IoT)-enabled smart-cities: An overview. <i>Computers and Electrical Engineering</i> , 2020 , 87, 106776	4.3	31
202	Non-Contact Sensing Testbed for Post-Surgery Monitoring by Exploiting Artificial-Intelligence. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4886	2.6	6
201	Cognitive RF-based localization for mission-critical applications in smart cities: An overview. <i>Computers and Electrical Engineering</i> , 2020 , 87, 106780	4.3	1
200	A Secure and Reliable Device Access Control Scheme for IoT Based Sensor Cloud Systems. <i>IEEE Access</i> , 2020 , 8, 139244-139254	3.5	44
199	Seamless secure anonymous authentication for cloud-based mobile edge computing. <i>Computers and Electrical Engineering</i> , 2020 , 87, 106782	4.3	12

198	IoT Based Humanoid Software for Identification and Diagnosis of Covid-19 Suspects. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	15
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