

Fadi M Al-Turjman

List of Publications by Citations

Source: <https://exaly.com/author-pdf/200125/fadi-m-al-turjman-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	CovidGAN: Data Augmentation Using Auxiliary Classifier GAN for Improved Covid-19 Detection. <i>IEEE Access</i> , 2020 , 8, 91916-91923	3.5	258
376	Context-Sensitive Access in Industrial Internet of Things (IIoT) Healthcare Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 2736-2744	11.9	155
375	Applications of Artificial Intelligence and Machine learning in smart cities. <i>Computer Communications</i> , 2020 , 154, 313-323	5.1	152
374	A Survey on Multipath Routing Protocols for QoS Assurances in Real-Time Wireless Multimedia Sensor Networks. <i>IEEE Communications Surveys and Tutorials</i> , 2017 , 19, 1424-1456	37.1	136
373	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
372	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
371	IoT-enabled smart grid via SM: An overview. <i>Future Generation Computer Systems</i> , 2019 , 96, 579-590	7.5	110
370	Smart parking in IoT-enabled cities: A survey. <i>Sustainable Cities and Society</i> , 2019 , 49, 101608	10.1	99
369	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
368	5G-enabled devices and smart-spaces in social-IoT: An overview. <i>Future Generation Computer Systems</i> , 2019 , 92, 732-744	7.5	94
367	Efficient deployment of wireless sensor networks targeting environment monitoring applications. <i>Computer Communications</i> , 2013 , 36, 135-148	5.1	85
366	Cyber Security Threats Detection in Internet of Things Using Deep Learning Approach. <i>IEEE Access</i> , 2019 , 7, 124379-124389	3.5	79
365	Cognitive routing protocol for disaster-inspired Internet of Things. <i>Future Generation Computer Systems</i> , 2019 , 92, 1103-1115	7.5	78
364	Small Cells in the Forthcoming 5G/IoT: Traffic Modelling and Deployment Overview. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 28-65	37.1	75
363	Securing Smart City Surveillance: A Lightweight Authentication Mechanism for Unmanned Vehicles. <i>IEEE Access</i> , 2020 , 8, 43711-43724	3.5	74
362	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
361	An Authentic-Based Privacy Preservation Protocol for Smart e-Healthcare Systems in IoT. <i>IEEE Access</i> , 2019 , 7, 135632-135649	3.5	71

360	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
359	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
358	AI Techniques for COVID-19.. <i>IEEE Access</i> , 2020 , 8, 128776-128795	3.5	66
357	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
356	Information-centric sensor networks for cognitive IoT: an overview. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2017 , 72, 3-18	2	64
355	. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2013 , 1, 133-147	4.1	61
354	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
353	Seamless Key Agreement Framework for Mobile-Sink in IoT Based Cloud-Centric Secured Public Safety Sensor Networks. <i>IEEE Access</i> , 2017 , 5, 24617-24631	3.5	57
352	Intelligence and security in big 5G-oriented IoNT: An overview. <i>Future Generation Computer Systems</i> , 2020 , 102, 357-368	7.5	57
351	Optimized Multi-Constrained Quality-of-Service Multipath Routing Approach for Multimedia Sensor Networks. <i>IEEE Sensors Journal</i> , 2017 , 17, 2298-2309	4	53
350	Optimizing Multipath Routing With Guaranteed Fault Tolerance in Internet of Things. <i>IEEE Sensors Journal</i> , 2017 , 17, 6463-6473	4	53
349	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
348	Confidential smart-sensing framework in the IoT era. <i>Journal of Supercomputing</i> , 2018 , 74, 5187-5198	2.5	51
347	Risk management in sustainable smart cities governance: A TOE framework. <i>Technological Forecasting and Social Change</i> , 2021 , 167, 120743	9.5	51
346	. <i>IEEE Sensors Journal</i> , 2021 , 1-1	4	50
345	An overview of security and privacy in smart cities' IoT communications. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3677	1.9	49
344	Quantifying connectivity in wireless sensor networks with grid-based deployments. <i>Journal of Network and Computer Applications</i> , 2013 , 36, 368-377	7.9	49
343	Towards prolonged lifetime for deployed WSNs in outdoor environment monitoring. <i>Ad Hoc Networks</i> , 2015 , 24, 172-185	4.8	47

342	A data delivery framework for cognitive information-centric sensor networks in smart outdoor monitoring. <i>Computer Communications</i> , 2016 , 74, 38-51	5.1	47
341	A delay-tolerant framework for integrated RSNs in IoT. <i>Computer Communications</i> , 2013 , 36, 998-1010	5.1	47
340	UAVs assessment in software-defined IoT networks: An overview. <i>Computer Communications</i> , 2020 , 150, 519-536	5.1	46
339	5G/IoT-enabled UAVs for multimedia delivery in industry-oriented applications. <i>Multimedia Tools and Applications</i> , 2020 , 79, 8627-8648	2.5	46
338	A hybrid secure routing and monitoring mechanism in IoT-based wireless sensor networks. <i>Ad Hoc Networks</i> , 2020 , 97, 102022	4.8	46
337	Software-defined wireless sensor networks in smart grids: An overview. <i>Sustainable Cities and Society</i> , 2019 , 51, 101754	10.1	45
336	Analysis of Cross-Layer Design of Quality-of-Service Forward Geographic Wireless Sensor Network Routing Strategies in Green Internet of Things. <i>IEEE Access</i> , 2018 , 6, 20371-20389	3.5	45
335	Enhanced Deployment Strategy for the 5G Drone-BS Using Artificial Intelligence. <i>IEEE Access</i> , 2019 , 7, 75999-76008	3.5	44
334	Data Delivery in Wireless Multimedia Sensor Networks: Challenging and Defying in the IoT Era. <i>IEEE Wireless Communications</i> , 2017 , 24, 126-131	13.4	44
333	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
332	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
331	Learning Data Delivery Paths in QoI-Aware Information-Centric Sensor Networks. <i>IEEE Internet of Things Journal</i> , 2016 , 3, 572-580	10.7	40
330	Pneumonia Classification Using Deep Learning from Chest X-ray Images During COVID-19. <i>Cognitive Computation</i> , 2021 , 1-13	4.4	40
329	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
328	Quantifying Uncertainty in Internet of Medical Things and Big-Data Services Using Intelligence and Deep Learning. <i>IEEE Access</i> , 2019 , 7, 115749-115759	3.5	39
327	Survival Study on Blockchain Based 6G-Enabled Mobile Edge Computation for IoT Automation. <i>IEEE Access</i> , 2020 , 8, 143453-143463	3.5	39
326	Dominating Set Algorithms for Wireless Sensor Networks Survivability. <i>IEEE Access</i> , 2018 , 6, 17527-17533	3.5	37
325	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

324	A Novel Security Model for Cooperative Virtual Networks in the IoT Era. <i>International Journal of Parallel Programming</i> , 2020 , 48, 280-295	1.5	36
323	A Three Layered Decentralized IoT Biometric Architecture for City Lockdown During COVID-19 Outbreak. <i>IEEE Access</i> , 2020 , 8, 163608-163617	3.5	35
322	A novel approach for drones positioning in mission critical applications. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3603	1.9	31
321	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
320	Efficient Image Recognition and Retrieval on IoT-Assisted Energy-Constrained Platforms From Big Data Repositories. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 9246-9255	10.7	30
319	Machine learning for wearable IoT-based applications: A survey. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3635	1.9	30
318	Energy Scavenging Methods for WBAN Applications: A Review. <i>IEEE Sensors Journal</i> , 2018 , 18, 6477-6488	4.1	30
317	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
316	Price-based data delivery framework for dynamic and pervasive IoT. <i>Pervasive and Mobile Computing</i> , 2017 , 42, 299-316	3.5	28
315	Secure data transmission framework for confidentiality in IoTs. <i>Ad Hoc Networks</i> , 2019 , 95, 101989	4.8	28
314	Optimized relay placement for wireless sensor networks federation in environmental applications. <i>Wireless Communications and Mobile Computing</i> , 2011 , 11, 1677-1688	1.9	27
313	Privacy-Aware Energy-Efficient Framework Using the Internet of Medical Things for COVID-19. <i>IEEE Internet of Things Magazine</i> , 2020 , 3, 64-68	3.5	27
312	Fog-based caching in software-defined information-centric networks. <i>Computers and Electrical Engineering</i> , 2018 , 69, 54-67	4.3	27
311	LCPC error correction code for IoT applications. <i>Sustainable Cities and Society</i> , 2018 , 42, 663-673	10.1	26
310	Information-centric framework for the Internet of Things (IoT): Traffic modeling & optimization. <i>Future Generation Computer Systems</i> , 2018 , 80, 63-75	7.5	26
309	Proficient QoS-Based Target Coverage Problem in Wireless Sensor Networks. <i>IEEE Access</i> , 2020 , 8, 74315-74325	5.3	25
308	A conceptual framework for blockchain smart contract adoption to manage real estate deals in smart cities. <i>Neural Computing and Applications</i> ,	4.8	25
307	Mobile Couriers Selection for the Smart-grid in Smart-cities Pervasive Sensing. <i>Future Generation Computer Systems</i> , 2018 , 82, 327-341	7.5	24

306	CAR Approach for the Internet of Things. <i>Canadian Journal of Electrical and Computer Engineering</i> , 2016 , 39, 11-18	1.4	24
305	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		24
304	Artificial Muscle Intelligence System With Deep Learning for Post-Stroke Assistance and Rehabilitation. <i>IEEE Access</i> , 2019 , 7, 133463-133473	3.5	23
303	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
302	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
301	. <i>IEEE Access</i> , 2020 , 8, 26172-26189	3.5	22
300	Energy-Aware Data Delivery Framework for Safety-Oriented Mobile IoT. <i>IEEE Sensors Journal</i> , 2018 , 18, 470-478	4	22
299	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
298	Energy monitoring in IoT-based ad hoc networks: An overview. <i>Computers and Electrical Engineering</i> , 2019 , 76, 133-142	4.3	21
297	Optimized Unmanned Aerial Vehicles Deployment for Static and Mobile Targets Monitoring. <i>Computer Communications</i> , 2020 , 149, 27-35	5.1	21
296	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
295	A novel cost-effective architecture and deployment strategy for integrated RFID and WSN systems 2012 ,		20
294	A smart lightweight privacy preservation scheme for IoT-based UAV communication systems. <i>Computer Communications</i> , 2020 , 162, 102-117	5.1	20
293	Blockchain-Based Cryptocurrency Regulation: An Overview. <i>Computational Economics</i> , 2020 , 1	1.4	20
292	Cognitive-Node Architecture and a Deployment Strategy for the Future WSNs. <i>Mobile Networks and Applications</i> , 2019 , 24, 1663-1681	2.9	20
291	Feasibility analysis of solar photovoltaic-wind hybrid energy system for household applications. <i>Computers and Electrical Engineering</i> , 2020 , 86, 106743	4.3	19
290	Task scheduling in cloud-based survivability applications using swarm optimization in IoT. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3539	1.9	19
289	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

288	The Green Internet of Things (G-IoT). <i>Wireless Communications and Mobile Computing</i> , 2019 , 2019, 1-2	1.9	18
287	Energy Aware Resource Allocation in Multi-Hop Multimedia Routing via the Smart Edge Device. <i>IEEE Access</i> , 2019 , 7, 151203-151214	3.5	18
286	The road towards plant phenotyping via WSNs: An overview. <i>Computers and Electronics in Agriculture</i> , 2019 , 161, 4-13	6.5	18
285	Dynamic small cell placement strategies for LTE Heterogeneous Networks 2014 ,		17
284	2013 ,		17
283	Towards augmented connectivity with delay constraints in WSN federation. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , 2012 , 11, 97	0.7	17
282	IoT-based green city architecture using secured and sustainable android services. <i>Environmental Technology and Innovation</i> , 2020 , 20, 101091	7	17
281	Game theory based secure wireless powered D2D communications with cooperative jamming 2017 ,		16
280	Modelling green HetNets in dynamic ultra large-scale applications: A case-study for femtocells in smart-cities. <i>Computer Networks</i> , 2017 , 128, 78-93	5.4	16
279	Network Experience Scheduling and Routing Approach for Big Data Transmission in the Internet of Things. <i>IEEE Access</i> , 2019 , 7, 14501-14512	3.5	16
278	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
277	Activity Pattern Mining for Healthcare. <i>IEEE Access</i> , 2020 , 8, 56730-56738	3.5	16
276	Low Complexity Parity Check Code for Futuristic Wireless Networks Applications. <i>IEEE Access</i> , 2018 , 6, 18398-18407	3.5	16
275	Energy Efficiency Perspectives of Femtocells in Internet of Things: Recent Advances and Challenges. <i>IEEE Access</i> , 2017 , 5, 26808-26818	3.5	16
274	Enhanced Data Delivery framework for dynamic Information-Centric Networks (ICNs) 2013 ,		16
273	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
272	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
271	An intrusion detection scheme based on the ensemble of discriminant classifiers. <i>Computers and Electrical Engineering</i> , 2020 , 86, 106742	4.3	15

270	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
269	Source Code Authorship Attribution Using Hybrid Approach of Program Dependence Graph and Deep Learning Model. <i>IEEE Access</i> , 2019 , 7, 141987-141999	3.5	15
268	Intrusion Prevention System for DDoS Attack on VANET With reCAPTCHA Controller Using Information Based Metrics. <i>IEEE Access</i> , 2019 , 7, 158481-158491	3.5	15
267	Green Femtocells in the IoT Era: Traffic Modeling and Challenges -- An Overview. <i>IEEE Network</i> , 2017 , 31, 48-55	11.4	15
266	2012 ,		15
265	IoT Based Humanoid Software for Identification and Diagnosis of Covid-19 Suspects. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	15
264	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
263	Smart home security: challenges, issues and solutions at different IoT layers. <i>Journal of Supercomputing</i> , 2021 , 77, 14053	2.5	15
262	SWARM-based data delivery in Social Internet of Things. <i>Future Generation Computer Systems</i> , 2019 , 92, 821-836	7.5	15
261	2016 ,		14
260	Hybrid Approach for Mobile Couriers Election in Smart-Cities 2016 ,		14
259	ZIGBEE Based Time and Energy Efficient Smart Parking System Using IOT 2018 ,		14
258	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
257	Optimized Hexagon-Based Deployment for Large-Scale Ubiquitous Sensor Networks. <i>Journal of Network and Systems Management</i> , 2018 , 26, 255-283	2.1	13
256	2013 ,		13
255	Optimized relay repositioning for Wireless Sensor Networks applied in environmental applications 2011 ,		13
254	UAVs joint optimization problems and machine learning to improve the 5G and Beyond communication. <i>Computer Networks</i> , 2020 , 182, 107478	5.4	13
253	Deep learning in medical imaging: A brief review. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , e4080	1.9	13

252	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
251	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
250	Hybridized sine cosine algorithm with convolutional neural networks dropout regularization application.. <i>Scientific Reports</i> , 2022 , 12, 6302	4.9	13
249	Evaluation of a duty-cycled asynchronous X-MAC protocol for vehicular sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017 , 2017,	3.2	12
248	A systematic approach for COVID-19 predictions and parameter estimation. <i>Personal and Ubiquitous Computing</i> , 2020 , 1-13	2.1	12
247	Seamless secure anonymous authentication for cloud-based mobile edge computing. <i>Computers and Electrical Engineering</i> , 2020 , 87, 106782	4.3	12
246	Binary search tree based hierarchical placement algorithm for IoT based smart parking applications. <i>Internet of Things (Netherlands)</i> , 2019 , 5, 71-83	6.9	12
245	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
244	Cognitive routing for Information-Centric sensor networks in Smart Cities 2014 ,		11
243	Connectivity optimization with realistic lifetime constraints for node placement in environmental monitoring 2009 ,		11
242	Mobile traffic modelling for wireless multimedia sensor networks in IoT. <i>Computer Communications</i> , 2017 , 112, 109-115	5.1	11
241	A bio-inspired privacy-preserving framework for healthcare systems. <i>Journal of Supercomputing</i> , 2021 , 77, 11099-11134	2.5	11
240	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
239	A rational data delivery framework for disaster-inspired internet of nano-things (IoNT) in practice. <i>Cluster Computing</i> , 2019 , 22, 1751-1763	2.1	11
238	A generic framework for optimizing performance metrics by tuning parameters of clustering protocols in WSNs. <i>Wireless Networks</i> , 2019 , 25, 1031-1046	2.5	11
237	A Cognitive Routing Protocol for Bio-Inspired Networking in the Internet of Nano-Things (IoNT). <i>Mobile Networks and Applications</i> , 2020 , 25, 1929-1943	2.9	11
236	A value-based cache replacement approach for Information-Centric Networks 2013 ,		10
235	A Novel Relay Selection Game in Cooperative Wireless Networks Based on Combinatorial Optimization 2011 ,		10

234	Optimized Relay Placement to Federate Wireless Sensor Networks in environmental applications 2011,		10
233	March DSS: A New Diagnostic March Test for All Memory Simple Static Faults. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2007 , 26, 1713-1720	2.5	10
232	DESIGN AND TESTING OF AUTOMATED SMOKE MONITORING SENSORS IN VEHICLES. <i>IEEE Sensors Journal</i> , 2020 , 1-1	4	10
231	A Privacy Enhanced Authentication Scheme for Securing Smart Grid Infrastructure. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	10
230	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
229	Cognitive Intelligence for Monitoring Fractured Post-Surgery Ankle Activity Using Channel Information. <i>IEEE Access</i> , 2020 , 8, 112113-112129	3.5	10
228	An improved ensemble based intrusion detection technique using XGBoost. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4076	1.9	10
227	Chaotic-map based authenticated security framework with privacy preservation for remote point-of-care. <i>Multimedia Tools and Applications</i> , 2020 , 80, 1-26	2.5	10
226	Lightweight Privacy and Confidentiality Preserving Anonymous Authentication Scheme for WBANs. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	10
225	Smart-city medium access for smart mobility applications in Internet of Things. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3723	1.9	9
224	A Hash-Based RFID Authentication Mechanism for Context-Aware Management in IoT-Based Multimedia Systems. <i>Sensors</i> , 2019 , 19,	3.8	9
223	Monitoring Movements of Ataxia Patient by Using UWB Technology. <i>Sensors</i> , 2020 , 20,	3.8	9
222	Performance evaluation of hybrid disaster recovery framework with D2D communications. <i>Computer Communications</i> , 2020 , 152, 81-92	5.1	9
221	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
220	Analyzing enhanced real-time uplink scheduling algorithm in 3GPP LTE-advanced networks using multimedia systems. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018 , 29, e3443	1.9	9
219	A novel approach of error detection and correction for efficient energy in wireless networks. <i>Multimedia Tools and Applications</i> , 2019 , 78, 1345-1373	2.5	9
218	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
217	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

216	Parkinson Data Analysis and Prediction System Using Multi-Variant Stacked Auto Encoder. <i>IEEE Access</i> , 2020 , 8, 127004-127013	3.5	9
215	Evaluation of a duty-cycled protocol for TDMA-based Wireless Sensor Networks 2016 ,		9
214	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
213	Time Difference of Arrival Based Indoor Positioning System Using Visible Light Communication. <i>IEEE Access</i> , 2021 , 9, 52113-52124	3.5	9
212	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
211	2013 ,		8
210	Value-Based Caching in Information-Centric Wireless Body Area Networks. <i>Sensors</i> , 2017 , 17,	3.8	8
209	Data delivery and gathering in IoT applications: An overview 2014 ,		8
208	Machine learning-data mining integrated approach for premature ventricular contraction prediction. <i>Neural Computing and Applications</i> , 2021 , 33, 11703-11719	4.8	8
207	Artificial intelligence and blockchain: A review. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4268	1.9	8
206	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
205	Lightweight authentication for IoT/Cloud-based forensics in intelligent data computing. <i>Future Generation Computer Systems</i> , 2021 , 116, 406-425	7.5	8
204	Modelling Green Femtocells in Smart-grids. <i>Mobile Networks and Applications</i> , 2018 , 23, 940-955	2.9	8
203	Joint Data Hiding and Compression Scheme Based on Modified BTC and Image Inpainting. <i>IEEE Access</i> , 2019 , 7, 116027-116037	3.5	7
202	Path planning for data collectors in Precision Agriculture WSNs 2014 ,		7
201	An overview of Internet of things and wireless communications 2017 ,		7
200	A Novel Architecture for Data-Repeaters in the Future Internet. <i>Canadian Journal of Electrical and Computer Engineering</i> , 2015 , 38, 300-306	1.4	7
199	Internet of Nano-Things and Wireless Body Area Networks (WBAN)		7

198	Enhancing the Access Privacy of IDaaS System Using SAML Protocol in Fog Computing. <i>IEEE Access</i> , 2020 , 8, 168793-168801	3.5	7
197	Computationally efficient and secure anonymous authentication scheme for cloud users. <i>Personal and Ubiquitous Computing</i> ,1	2.1	7
196	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
195	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
194	Intelligent IoT Communication in Smart Environments: An Overview. <i>Transactions on Computational Science and Computational Intelligence</i> , 2019 , 207-221	0.9	7
193	Big Data Analytics for Intelligent Internet of Things. <i>Transactions on Computational Science and Computational Intelligence</i> , 2019 , 107-127	0.9	7
192	A Non-Contact Paraparesis Detection Technique Based on 1D-CNN. <i>IEEE Access</i> , 2019 , 7, 182280-182288	3.5	7
191	Core-level cybersecurity assurance using cloud-based adaptive machine learning techniques for manufacturing industry. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , e3947	1.9	7
190	Collaborative-trust approach toward malicious node detection in vehicular ad hoc networks. <i>Environment, Development and Sustainability</i> ,1	4.5	7
189	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
188	Secure-user sign-in authentication for IoT-based eHealth systems. <i>Complex & Intelligent Systems</i> ,1	7.1	7
187	Enhanced Medium Access for Traffic Management in Smart-Cities/Vehicular-Cloud. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2020 , 0-0	2.6	6
186	SAHCI: Scheduling Approach for Heterogeneous Content-Centric IoT Applications. <i>IEEE Access</i> , 2019 , 7, 80342-80349	3.5	6
185	Intelligent Data Delivery Approach for Smart Cities Using Road Side Units. <i>IEEE Access</i> , 2019 , 7, 139462-139476	3.5	6
184	Wireless Communication Aspects in the Internet of Things: An Overview 2017 ,		6
183	Ubiquitous robust data delivery for integrated RSNs in IoT 2012 ,		6
182	Coverage-Based Placement in RFID Networks: An Overview 2012 ,		6
181	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

180	Non-Contact Sensing Testbed for Post-Surgery Monitoring by Exploiting Artificial-Intelligence. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4886	2.6	6
179	Towards smart ehealth in the ultra large-scale Internet of Things era 2016 ,		6
178	5G in a Convergent Internet of Things Era: An Overview 2018 ,		6
177	Energy-efficient blockchain implementation for Cognitive Wireless Communication Networks (CWCNs). <i>Energy Reports</i> , 2021 , 7, 8277-8277	4.6	6
176	Path planning for mobile DCs in future cities. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2017 , 72, 119-129	2	5
175	LaGOON : a simple energy-aware routing protocol for wireless nano-sensor networks. <i>IET Wireless Sensor Systems</i> , 2019 , 9, 110-118	1.6	5
174	Intelligent multimodal medical image fusion with deep guided filtering. <i>Multimedia Systems</i> , 2020 , 1	2.2	5
173	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
172	Digital-twin assisted: Fault diagnosis using deep transfer learning for machining tool condition. <i>International Journal of Intelligent Systems</i> ,	8.4	5
171	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
170	Readers Scheduling for RFID Networks in the IoT Era 2018 ,		5
169	Multiphase fault tolerance genetic algorithm for vm and task scheduling in datacenter. <i>Information Processing and Management</i> , 2021 , 58, 102676	6.3	5
168	Edge Computing-Based Localization Technique to Detecting Behavior of Dementia. <i>IEEE Access</i> , 2020 , 8, 82108-82119	3.5	4
167	Smart agriculture framework using UAVs in the Internet of Things era 2020 , 107-122		4
166	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
165	Positioning in the Internet of Things Era: An overview 2017 ,		4
164	Towards Augmenting Federated Wireless Sensor Networks. <i>Procedia Computer Science</i> , 2011 , 5, 224-231	1.6	4
163	Correctness of an Authentication Scheme for Managing Demand Response in Smart Grid 2020 , 223-231		4

162	Security Challenges and Cyber Forensic Ecosystem in IoT Driven BYOD Environment. <i>IEEE Access</i> , 2020 , 8, 172770-172782	3.5	4
161	A Dominating Tree Based Leader Election Algorithm for Smart Cities IoT Infrastructure. <i>Mobile Networks and Applications</i> , 2020 , 1	2.9	4
160	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
159	Pandemic coronavirus disease (Covid-19): World effects analysis and prediction using machine-learning techniques. <i>Expert Systems</i> , 2021 ,	2.1	4
158	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
157	Ubiquitous Cloud-Based Monitoring via a Mobile App in Smartphones: An Overview 2016 ,		4
156	IdProF: Identity provisioning framework for smart environments 2016 ,		4
155	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
154	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
153	Improving medical communication process using recurrent networks and wearable antenna s11 variation with harmonic suppressions. <i>Personal and Ubiquitous Computing</i> ,1	2.1	4
152	Genomic sequence analysis of lung infections using artificial intelligence technique. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021 , 13, 192-200	3.5	4
151	Wireless sensor networkBased delay minimization framework for IoT applications. <i>Personal and Ubiquitous Computing</i> ,1	2.1	4
150	GHetNet: A Framework Validating Green Mobile Femtocells in Smart-Grids 2018 , 191-216		4
149	Deep Learning Models for COVID-19 Detection. <i>Sustainability</i> , 2022 , 14, 5820	3.6	4
148	Analysis on homomorphic technique for data security in fog computing. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 32, e3990	1.9	3
147	ECMCRR-MPDNL for Cellular Network Traffic Prediction With Big Data. <i>IEEE Access</i> , 2020 , 8, 113419-113428	3.5	3
146	Aerial and underwater drone communication: potentials and vulnerabilities 2020 , 1-26		3
145	An Intelligent Car Park Management System : Hierarchical Placement Algorithm Based on Nearest Location 2018 ,		3

144	Practical Performability Assessment for ZigBee-Based Sensors in the IoT Era. <i>EAI/Springer Innovations in Communication and Computing</i> , 2019 , 21-31	0.6	3
143	Towards prolonged lifetime for large-scale Information-Centric Sensor Networks 2014 ,		3
142	Towards augmented connectivity in federated wireless sensor networks 2012 ,		3
141	Anonymous Mutual and Batch Authentication with Location Privacy of UAV in FANET. <i>Drones</i> , 2022 , 6, 14	5.4	3
140	A comprehensive survey on blockchain technology. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 52, 102039	4.7	3
139	AI-Powered IoT for COVID-19		3
138	Cognitive Routing Protocol for Disaster-Inspired WSNs in the Internet of Things 1 2017 , 149-186		3
137	Privacy-aware detection framework to mitigate new-age phishing attacks. <i>Computers and Electrical Engineering</i> , 2021 , 96, 107546	4.3	3
136	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
135	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
134	Smart Tourism Destination in Smart Cities Paradigm: A Model for Antalya. <i>Transactions on Computational Science and Computational Intelligence</i> , 2019 , 63-83	0.9	3
133	Open Source Tools for Machine Learning with Big Data in Smart Cities. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 153-168	0.6	3
132	Skyline Query Optimization for Preferable Product Selection and Recommendation System. <i>Wireless Personal Communications</i> , 2021 , 117, 3091-3108	1.9	3
131	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
130	Hybrid Approach for Disaster Recovery using P2P Communications in Android 2018 ,		3
129	Internet of Things Task Scheduling in Cloud Environment Using Particle Swarm Optimization 2018 ,		3
128	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
127	Cyber security in mobile social networks 2021 , 55-81		3

126	The road to dynamic Future Internet via content characterization. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2017 , 72, 209-219	2	2
125	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
124	Explorative analysis of AUV-aided cluster-based routing protocols for Internet of intelligent underwater sensors 2020 , 143-187		2
123	Packet delivery significance and metrics improvements in protocols for 3-D routing in Wireless Sensor Networks 2014 ,		2
122	Towards augmenting federated wireless sensor networks in forestry applications. <i>Personal and Ubiquitous Computing</i> , 2013 , 17, 1025-1034	2.1	2
121	D2D cooperative communications for disaster management 2017 ,		2
120	SWARM-Based Data Delivery Framework in the Ad Hoc Internet of Things 2017 ,		2
119	Deploying fault-tolerant grid-based wireless sensor networks for environmental applications 2010 ,		2
118	On the Security of an Authentication Scheme for Smart Metering Infrastructure 2020 ,		2
117	Achieving data privacy for decision support systems in times of massive data sharing.. <i>Cluster Computing</i> , 2022 , 1-13	2.1	2
116	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
115	Particle Swarm Optimization for Adaptive Social-distance of Neighborhood in the IoT and COVID-19 Era 2021 ,		2
114	Cognitive-Node Architecture and a Deployment Strategy for the Future Sensor Networks 1 2017 , 41-76		2
113	An intelligent ensemble of long-short-term memory with genetic algorithm for network anomaly identification. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , e4149	1.9	2
112	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
111	Convolutional neural network for diagnosis of viral pneumonia and COVID-19 alike diseases. <i>Expert Systems</i> , 2021 , e12705	2.1	2
110	A framework for task allocation in IoT-oriented industrial manufacturing systems. <i>Computer Networks</i> , 2021 , 190, 107971	5.4	2
109	Lightweight privacy-aware secure authentication scheme for cyber-physical systems in the edge intelligence era. <i>Concurrency Computation Practice and Experience</i> , e6510	1.4	2

108	An intelligent IoMT enabled feature extraction method for early detection of knee arthritis. <i>Expert Systems</i> , e12784	2.1	2
107	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
106	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
105	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
104	Security in social networks 2021 , 1-27		2
103	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
102	Accurate Indoor Localization for ZigBee Networks 2018 ,		2
101	Crispr biosensing and Ai driven tools for detection and prediction of Covid-19. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 1-17	2	2
100	Ant colony resource optimization for Industrial IoT and CPS. <i>International Journal of Intelligent Systems</i> ,	8.4	2
99	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
98	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
97	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
96	Artificial bee colony method for identifying eavesdropper in terrestrial cellular networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , 32, e3941	1.9	1
95	Aiming for smart wind energy: A comparison analysis between wind speed forecasting techniques. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3749	1.9	1
94	Detection of clone scammers in Android markets using IoT-based edge computing. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3791	1.9	1
93	Vehicular Speed Learning in the Future Smart-Cities' Paradigm 2017 ,		1
92	Quantifying the effects of placement errors on WSN connectivity in grid-based deployments 2010 ,		1
91	Optimized Wireless Sensor Network Federation in Environmental Applications 2011 ,		1

90	A comprehensive survey on security issues in vehicle-to-grid networks. <i>Journal of Control and Decision</i> ,1-10	0.9	1
89	COVID-19 special issue: Intelligent solutions for computer communication-assisted infectious disease diagnosis. <i>Expert Systems</i> , 2020 , e12574	2.1	1
88	Deployment Strategies for Drones in the IoT Era: A Survey 2019 , 7-42		1
87	UAVs Healthcare Applications, Communication Protocols, Deployment Strategies, and Security Challenges. <i>Unmanned System Technologies</i> , 2020 , 27-37	0.4	1
86	An Overview about the Cyberattacks in Grid and Like Systems 2020 , 233-247		1
85	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
84	Smart Tourism: A Proof of Concept For Cyprus Museum of Modern Arts In The IoT Era 2021 ,		1
83	Task Scheduling in Cloud-Based Survivability Applications Using Swarm Optimization in IoT 1 2019 , 1-32		1
82	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
81	Price-Based Data Delivery Framework for Dynamic and Pervasive IoT 1 2017 , 187-222		1
80	A Data Delivery Framework for Cognitive Information-Centric Sensor Networks in Smart Outdoor Monitoring 1 2017 , 107-148		1
79	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
78	Unified Dynamic Bandwidth Allocation Scheme for Ethernet Passive Optical Network. <i>IEEE Access</i> , 2020 , 8, 216176-216184	3.5	1
77	Differential spectrum access for next generation data traffic in massive-IoT. <i>Microprocessors and Microsystems</i> , 2021 , 82, 103951	2.4	1
76	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
75	Trilateration-based indoor localization engineering technique for visible light communication system. <i>Software - Practice and Experience</i> , 2021 , 51, 503-516	2.5	1
74	Security aspects and UAVs in Socialized Regions 2021 , 229-245		1
73	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

72	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
71	Multi-carrier Visible Light Communication System Using Enhanced Sub-carrier Index Modulation and Discrete Wavelet Transform. <i>Wireless Personal Communications</i> ,1	1.9	1
70	Optimal Array size for Multiuser MIMO 2018 ,		1
69	Optimization of Energy and Security in Mobile Sensor Network Using Classification Based Signal Processing in Heterogeneous Network. <i>Journal of Signal Processing Systems</i> ,1	1.4	1
68	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
67	Decision Based Model for Real-Time IoT Analysis Using Big Data and Machine Learning. <i>Wireless Personal Communications</i> ,1	1.9	1
66	Data-centric routing and caching approach for mobile and social sensing applications. <i>Computers and Electrical Engineering</i> , 2021 , 94, 107357	4.3	1
65	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
64	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
63	Collaborative multi-agents in dynamic industrial internet of things using deep reinforcement learning. <i>Environment, Development and Sustainability</i> ,1	4.5	1
62	Thermal stability and bioconvection investigation for couple stress nanofluid due to a three-dimensional accelerated frame. <i>Waves in Random and Complex Media</i> ,1-22	1.9	1
61	AI simulations and programming environments for drones: an overview 2020 , 93-106		0
60	Video captioning: a review of theory, techniques and practices. <i>Multimedia Tools and Applications</i> ,1	2.5	0
59	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
58	Artificial Flora Optimization Algorithm with Genetically Guided Operators for Feature Selection and Neural Network Training. <i>International Journal of Fuzzy Systems</i> ,1	3.6	0
57	Applications of AI, IoT, IoMT, and Biosensing Devices in Curbing COVID-19 2020 , 141-158		0
56	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
55	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

54	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	○
53	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	○
52	Implementation of autonomous driving using Ensemble-M in simulated environment. <i>Soft Computing</i> , 2021 , 25, 12429-12438	3.5	○
51	A Novel Approach for Tuning of Fluidic Resistance in Deterministic Lateral Displacement Array for Enhanced Separation of Circulating Tumor Cells. <i>Cognitive Computation</i> ,1	4.4	○
50	The potential of wind energy via an intelligent IoT-oriented assessment. <i>Journal of Supercomputing</i> ,1	2.5	○
49	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	○
48	Data protection and privacy preservation mechanisms for applications of IoT in smart grids using AI 2022 , 207-231		○
47	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	○
46	AI-assisted Solutions for COVID-19 and Biomedical Applications in Smart-Cities. <i>Mobile Networks and Applications</i> ,1	2.9	○
45	Automated Detection of Facial Disorders (ADFD): a novel approach based-on digital photographs. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2017 , 1-11	0.9	
44	Clarifications on the Comments on a novel approach of error detection and correction for efficient energy in wireless networks <i>Multimedia Tools and Applications</i> , 2019 , 78, 22325-22329	2.5	
43	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	
42	Network Lifetime Efficiency Based on Equal and Unequal Size Clustering Strategies. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 905-916	0.4	
41	Mobile Couriers Selection in Smart Cities <i>IoT</i> *207-244		
40	Energy Monitoring in IoT-Based Grid 2020 , 31-47		
39	Mobile Couriers and the Grid 2020 , 105-138		
38	Cloud Computing and Business Intelligence in IoT-Enabled Smart and Healthy Cities 2020 , 1-38		
37	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	

- 36 A Novel Handover Mechanism of PMIPv6 for the Support of Multi-Homing Based on Virtual Interface. *Sustainability*, **2021**, 13, 11743 3.6
- 35 Secure and Consistent Job Administration Using Encrypted Data Access Policies in Cloud Systems. *Computers and Electrical Engineering*, **2021**, 96, 107520 4.3
- 34 Optimized Hexagon-Based Deployment for Large-Scale Ubiquitous Sensor Networks **2018**, 107-142
- 33 Path Planning for Mobile Data Collectors in Future Cities * **2018**, 181-200
- 32 Evaluation of a Duty-Cycled Asynchronous X-MAC Protocol for VSNs **2018**, 201-230
- 31 Energy Consumption Monitoring in IoT-based Smart Cities **2018**, 7-26
- 30 Security in Mobile IoT Spaces **2019**, 41-63
- 29 Scheduling and Routing for Sensors Data in Cloud-Based IoT 1 **2019**, 33-61
- 28 Grid-Based UAV Placement in Intelligent Transportation Systems **2019**, 119-137
- 27 Home Automation in Cloud-Based IoT **2019**, 169-207
- 26 Indecision Service Delivery in Cloud-Based IoT **2019**, 157-168
- 25 Drones Path Planning for Collaborative Data Collection in ITS **2019**, 59-74
- 24 Data Delivery Pricing in Cloud-Based IoT 1 **2019**, 235-264
- 23 A Cost-Effective Framework for the Optimal Placement of Drones in Smart Cities **2019**, 139-158
- 22 Price-Based Data Routing in Dynamic IoT **2019**, 159-188
- 21 Programming Models and Algorithms for Big Data. *Big Data*, **2020**, 8, 542-543 3.1
- 20 Physics of stabilization and control for the Drone quadrotors **2020**, 189-205
- 19 Programming Models and Algorithms for Big Data. *Big Data*, **2020**, 8, 454-455 3.1

18	DDoS prevention architecture using anomaly detection in fog-empowered networks. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2021 , 1-17	2.2
17	User-centric hybrid semi-autoencoder recommendation system. <i>Multimedia Tools and Applications</i> , 2021 , 1-17	2.5
16	Numerical solution of optimal control problem. <i>Soft Computing</i> , 2021 , 1-17	3.5
15	Artificial Intelligence in face of the Novel CoronaVirus. <i>Studies in Computational Intelligence</i> , 2021 , 43-71	6.8
14	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
13	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
12	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
11	Intelligent Mobile Application for Crime Reporting in the Heterogenous IoT Era 2021 , 149-170	
10	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
9	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
8	An On-Chip Auto-Tuning Method for Continuous-time Filters with Improved Speed and Accuracy. <i>IETE Journal of Research</i> , 2021 , 1-9	0.9
7	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
6	A Hybrid Scheduling Approach in the Cloud. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 418-431	0.4
5	Application of artificial intelligence and information and communication technology in the grid agricultural industry: business motivation, analytical tools, and challenges 2022 , 179-205	
4	Wi-Fi Attendance System in the IoT Era. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 19-29	0.4
3	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
2	Smart grid metering: security, privacy, and open challenges 2022 , 255-272	
1	Evolutionary Heuristic Computing Paradigm for 2D-DOA Estimation along Circular Array. <i>Wireless Communications and Mobile Computing</i> , 2022 , 2022, 1-14	1.9

