

Yaser I Jararweh

List of Publications by Citations

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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.

235
papers

4,639
citations

39
h-index

57
g-index

257
ext. papers

6,090
ext. citations

3.1
avg, IF

6.67
L-index

#	Paper	IF	Citations
235	An intrusion detection system for connected vehicles in smart cities. <i>Ad Hoc Networks</i> , 2019 , 90, 101842	4.8	181
234	Deep Recurrent neural network vs. support vector machine for aspect-based sentiment analysis of Arabic hotels' reviews. <i>Journal of Computational Science</i> , 2018 , 27, 386-393	3.4	139
233	A Survey on Blockchain for Information Systems Management and Security. <i>Information Processing and Management</i> , 2021 , 58, 102397	6.3	135
232	SDIoT: a software defined based internet of things framework. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2015 , 6, 453-461	3.7	127
231	The Internet of Energy: Smart Sensor Networks and Big Data Management for Smart Grid. <i>Procedia Computer Science</i> , 2015 , 56, 592-597	1.6	126
230	Impact of digital fingerprint image quality on the fingerprint recognition accuracy. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3649-3688	2.5	100
229	An Edge Computing Based Smart Healthcare Framework for Resource Management. <i>Sensors</i> , 2018 , 18,	3.8	91
228	The future of mobile cloud computing: Integrating cloudlets and Mobile Edge Computing 2016 ,		90
227	Blockchain-Enhanced Data Sharing With Traceable and Direct Revocation in IIoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7669-7678	11.9	87
226	Using long short-term memory deep neural networks for aspect-based sentiment analysis of Arabic reviews. <i>International Journal of Machine Learning and Cybernetics</i> , 2019 , 10, 2163-2175	3.8	75
225	Software defined cloud: Survey, system and evaluation. <i>Future Generation Computer Systems</i> , 2016 , 58, 56-74	7.5	74
224	Data and Service Management in Densely Crowded Environments: Challenges, Opportunities, and Recent Developments. <i>IEEE Communications Magazine</i> , 2019 , 57, 81-87	9.1	73
223	Resource Efficient Mobile Computing Using Cloudlet Infrastructure 2013 ,		72
222	A comprehensive survey of arabic sentiment analysis. <i>Information Processing and Management</i> , 2019 , 56, 320-342	6.3	72
221	Multi-agent based dynamic resource provisioning and monitoring for cloud computing systems infrastructure. <i>Cluster Computing</i> , 2015 , 18, 919-932	2.1	69
220	Privacy Management in Social Internet of Vehicles: Review, Challenges and Blockchain Based Solutions. <i>IEEE Access</i> , 2019 , 7, 79694-79713	3.5	68
219	Providing secure and reliable communication for next generation networks in smart cities. <i>Sustainable Cities and Society</i> , 2020 , 56, 102080	10.1	66

218	Cloudlet-based Efficient Data Collection in Wireless Body Area Networks. <i>Simulation Modelling Practice and Theory</i> , 2015 , 50, 57-71	3.9	64
217	Enhancing Aspect-Based Sentiment Analysis of Arabic Hotels' reviews using morphological, syntactic and semantic features. <i>Information Processing and Management</i> , 2019 , 56, 308-319	6.3	64
216	Deep learning for Arabic NLP: A survey. <i>Journal of Computational Science</i> , 2018 , 26, 522-531	3.4	64
215	CloudExp: A comprehensive cloud computing experimental framework. <i>Simulation Modelling Practice and Theory</i> , 2014 , 49, 180-192	3.9	63
214	A Profitable and Energy-Efficient Cooperative Fog Solution for IoT Services. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3578-3586	11.9	63
213	A continuous diversified vehicular cloud service availability framework for smart cities. <i>Computer Networks</i> , 2018 , 145, 207-218	5.4	63
212	Scalable Cloudlet-based Mobile Computing Model. <i>Procedia Computer Science</i> , 2014 , 34, 434-441	1.6	61
211	Improving fog computing performance via Fog-2-Fog collaboration. <i>Future Generation Computer Systems</i> , 2019 , 100, 266-280	7.5	60
210	Internet of surveillance: a cloud supported large-scale wireless surveillance system. <i>Journal of Supercomputing</i> , 2017 , 73, 973-992	2.5	59
209	Parallel implementation for 3D medical volume fuzzy segmentation. <i>Pattern Recognition Letters</i> , 2020 , 130, 312-318	4.7	55
208	Accelerating compute intensive medical imaging segmentation algorithms using hybrid CPU-GPU implementations. <i>Multimedia Tools and Applications</i> , 2017 , 76, 3537-3555	2.5	54
207	A blockchain-empowered crowdsourcing system for 5G-enabled smart cities. <i>Computer Standards and Interfaces</i> , 2021 , 76, 103517	3.5	53
206	An efficient employment of internet of multimedia things in smart and future agriculture. <i>Multimedia Tools and Applications</i> , 2019 , 78, 29581-29605	2.5	51
205	A collaborative mobile edge computing and user solution for service composition in 5G systems. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018 , 29, e3446	1.9	51
204	Accelerating 3D medical volume segmentation using GPUs. <i>Multimedia Tools and Applications</i> , 2018 , 77, 4939-4958	2.5	45
203	TeachCloud: a cloud computing educational toolkit. <i>International Journal of Cloud Computing</i> , 2013 , 2, 237	1	45
202	Paraphrase identification and semantic text similarity analysis in Arabic news tweets using lexical, syntactic, and semantic features. <i>Information Processing and Management</i> , 2017 , 53, 640-652	6.3	44
201	Trustworthy and sustainable smart city services at the edge. <i>Sustainable Cities and Society</i> , 2020 , 62, 102304	3.4	44

200	SDMEC: Software Defined System for Mobile Edge Computing 2016 ,		42
199	Soft Computing-Based EEG Classification by Optimal Feature Selection and Neural Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 5747-5754	11.9	42
198	A GPU-based implementations of the fuzzy C-means algorithms for medical image segmentation. <i>Journal of Supercomputing</i> , 2015 , 71, 3149-3162	2.5	41
197	Cloud-Based Multi-Agent Cooperation for IoT Devices Using Workflow-Nets. <i>Journal of Grid Computing</i> , 2019 , 17, 625-650	4.2	39
196	Blockchain-based database in an IoT environment: challenges, opportunities, and analysis. <i>Cluster Computing</i> , 2020 , 23, 2151-2165	2.1	39
195	Low-latency vehicular edge: A vehicular infrastructure model for 5G. <i>Simulation Modelling Practice and Theory</i> , 2020 , 98, 101968	3.9	39
194	A cloud supported model for efficient community health awareness. <i>Pervasive and Mobile Computing</i> , 2016 , 28, 35-50	3.5	36
193	Software-Defined System Support for Enabling Ubiquitous Mobile Edge Computing. <i>Computer Journal</i> , 2017 , 60, 1443-1457	1.3	35
192	Large Scale Cloudlets Deployment for Efficient Mobile Cloud Computing. <i>Journal of Networks</i> , 2015 , 10,		34
191	SDStorage: A Software Defined Storage Experimental Framework 2015 ,		33
190	A Fog Computing Based System for Selective Forwarding Detection in Mobile Wireless Sensor Networks 2016 ,		32
189	Collusion attacks mitigation in internet of things: a fog based model. <i>Multimedia Tools and Applications</i> , 2018 , 77, 18249-18268	2.5	30
188	Multi-way sentiment classification of Arabic reviews 2015 ,		27
187	2015 ,		26
186	A hierarchical optimization model for energy data flow in smart grid power systems. <i>Information Systems</i> , 2015 , 53, 190-200	2.7	26
185	Enhancing the determination of aspect categories and their polarities in Arabic reviews using lexicon-based approaches 2015 ,		25
184	Cloud support for large scale e-healthcare systems. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2016 , 71, 503-515	2	24
183	Enhanced 3D segmentation techniques for reconstructed 3D medical volumes: Robust and Accurate Intelligent System. <i>Procedia Computer Science</i> , 2017 , 113, 531-538	1.6	24

182	Blockchain Solution for IoT-based Critical Infrastructures: Byzantine Fault Tolerance 2020 ,		23
181	Automated wireless video surveillance: an evaluation framework. <i>Journal of Real-Time Image Processing</i> , 2017 , 13, 527-546	1.9	23
180	Hardware Performance Evaluation of SHA-3 Candidate Algorithms. <i>Journal of Information Security</i> , 2012 , 03, 69-76	0.3	23
179	Experimental comparison of simulation tools for efficient cloud and mobile cloud computing applications. <i>Eurasip Journal on Information Security</i> , 2016 , 2016,		23
178	SDSecurity: A Software Defined Security experimental framework 2015 ,		22
177	Cross-Lingual Short-Text Document Classification for Facebook Comments 2014 ,		21
176	Intelligent jamming-aware routing in multi-hop IoT-based opportunistic cognitive radio networks. <i>Ad Hoc Networks</i> , 2020 , 98, 102035	4.8	21
175	A Blockchain-empowered Access Control Framework for Smart Devices in Green Internet of Things. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-20	3.8	21
174	Cloudlet-based for big data collection in body area networks 2013 ,		20
173	User Profiling for Energy Optimisation in Mobile Cloud Computing. <i>Procedia Computer Science</i> , 2015 , 52, 1159-1165	1.6	20
172	AES-512: 512-bit Advanced Encryption Standard algorithm design and evaluation 2011 ,		20
171	Feature extraction and selection for Arabic tweets authorship authentication. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2017 , 8, 383-393	3.7	19
170	Improving FCM and T2FCM algorithms performance using GPUs for medical images segmentation 2015 ,		18
169	Power Optimization of Large Scale Mobile Cloud Computing Systems 2015 ,		18
168	Transfer Learning for Arabic Named Entity Recognition With Deep Neural Networks. <i>IEEE Access</i> , 2020 , 8, 37736-37745	3.5	18
167	Cooperative mobile edge computing system for VANET-based software-defined content delivery. <i>Computers and Electrical Engineering</i> , 2018 , 71, 388-397	4.3	18
166	SD-CRN: Software Defined Cognitive Radio Network Framework 2014 ,		18
165	The Virtual Computing Lab (VCL). <i>International Journal of Service Science, Management, Engineering, and Technology</i> , 2014 , 5, 51-63	0.9	18

164	Live forensics of software attacks on cyberphysical systems. <i>Future Generation Computer Systems</i> , 2020 , 108, 1217-1229	7.5	18
163	Delay-aware power optimization model for mobile edge computing systems. <i>Personal and Ubiquitous Computing</i> , 2017 , 21, 1067-1077	2.1	17
162	An optimal multi-processor allocation algorithm for high performance GPU accelerators 2011 ,		17
161	Power and Performance Management of GPUs Based Cluster. <i>International Journal of Cloud Applications and Computing</i> , 2012 , 2, 16-31	3.1	16
160	Congestion Mitigation in Densely Crowded Environments for Augmenting QoS in Vehicular Clouds 2018 ,		16
159	Accelerating compute-intensive image segmentation algorithms using GPUs. <i>Journal of Supercomputing</i> , 2017 , 73, 1929-1951	2.5	15
158	ACCRS: autonomic based cloud computing resource scaling. <i>Cluster Computing</i> , 2017 , 20, 2479-2488	2.1	15
157	Integration of renewable energy in demand-side management for home appliances 2014 ,		15
156	Using Enhanced Lexicon-Based Approaches for the Determination of Aspect Categories and Their Polarities in Arabic Reviews. <i>International Journal of Information Technology and Web Engineering</i> , 2016 , 11, 15-31	1.3	15
155	Improving fuzzy C-mean-based community detection in social networks using dynamic parallelism. <i>Computers and Electrical Engineering</i> , 2019 , 74, 533-546	4.3	15
154	A security framework for cloud-based video surveillance system. <i>Multimedia Tools and Applications</i> , 2017 , 76, 22787-22802	2.5	14
153	Collusion attacks in Internet of Things: Detection and mitigation using a fog based model 2017 ,		14
152	Towards improving resource management in cloud systems using a multi-agent framework. <i>International Journal of Cloud Computing</i> , 2016 , 5, 112	1	14
151	An efficient big data collection in Body Area Networks 2014 ,		14
150	Improving the performance of the needleman-wunsch algorithm using parallelization and vectorization techniques. <i>Multimedia Tools and Applications</i> , 2019 , 78, 3961-3977	2.5	14
149	Enabling Intelligent IoCV Services at the Edge for 5G Networks and Beyond. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5190-5200	6.1	14
148	Exploring Computing at the Edge: A Multi-Interface System Architecture Enabled Mobile Device Cloud 2018 ,		13
147	Energy efficient dynamic resource management in cloud computing based on logistic regression model and median absolute deviation. <i>Sustainable Computing: Informatics and Systems</i> , 2018 , 19, 262-274	2	12

146	A multi-attack resilient lightweight IoT authentication scheme. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , e3676	1.9	12
145	A cooperative resource allocation model for IoT applications in mobile edge computing. <i>Computer Communications</i> , 2021 , 173, 183-191	5.1	12
144	An experimental framework for future smart cities using data fusion and software defined systems: The case of environmental monitoring for smart healthcare. <i>Future Generation Computer Systems</i> , 2020 , 107, 883-897	7.5	12
143	Enabling multiple health security threats detection using mobile edge computing. <i>Simulation Modelling Practice and Theory</i> , 2020 , 101, 101957	3.9	12
142	Enabling efficient and secure energy cloud using edge computing and 5G. <i>Journal of Parallel and Distributed Computing</i> , 2020 , 145, 42-49	4.4	11
141	Resilient service provisioning in cloud based data centers. <i>Future Generation Computer Systems</i> , 2018 , 86, 765-774	7.5	11
140	Energy Optimisation for Mobile Device Power Consumption: A Survey and a Unified View of Modelling for a Comprehensive Network Simulation. <i>Mobile Networks and Applications</i> , 2016 , 21, 575-588	3.9	11
139	Evaluating map reduce tasks scheduling algorithms over cloud computing infrastructure. <i>Concurrency Computation Practice and Experience</i> , 2015 , 27, 5686-5699	1.4	11
138	High-Throughput Encryption for Cloud Computing Storage System. <i>International Journal of Cloud Applications and Computing</i> , 2014 , 4, 1-14	3.1	11
137	A cross-layer video multicasting routing protocol for cognitive radio networks 2014 ,		11
136	Efficient and reliable forensics using intelligent edge computing. <i>Future Generation Computer Systems</i> , 2021 , 118, 230-239	7.5	11
135	A GPU-based breast cancer detection system using Single Pass Fuzzy C-Means clustering algorithm 2016 ,		11
134	An enhanced framework for aspect-based sentiment analysis of Hotels' reviews: Arabic reviews case study 2016 ,		11
133	Evaluating SentiStrength for Arabic Sentiment Analysis 2016 ,		11
132	Secure and Efficient Cloud Computing Framework 2015 ,		10
131	Studying the controversy in online crowds interactions. <i>Applied Soft Computing Journal</i> , 2018 , 66, 557-563	3.5	10
130	Anomaly-based framework for detecting dynamic spectrum access attacks in cognitive radio networks. <i>Telecommunication Systems</i> , 2018 , 67, 217-229	2.3	10
129	A supervised approach for multi-label classification of Arabic news articles 2016 ,		10

128	2014,			10
127	PEP-side caching: An insider threat port 2013,			10
126	2013,			10
125	An insider threat aware access control for cloud relational databases. <i>Cluster Computing</i> , 2017 , 20, 2669-2685		9	
124	AMCC: Ad-hoc based Mobile Cloud Computing Modeling. <i>Procedia Computer Science</i> , 2015 , 56, 580-585	1.6		9
123	. <i>IEEE Access</i> , 2020 , 8, 113498-113511		3.5	9
122	Cloud-assisted data management in wireless body area networks. <i>International Journal of Computational Science and Engineering</i> , 2017 , 14, 16		0.4	9
121	Efficient and secure software-defined mobile cloud computing infrastructure. <i>International Journal of High Performance Computing and Networking</i> , 2016 , 9, 328		1	9
120	Efficient techniques for energy optimization in Mobile Cloud Computing 2015,			9
119	Experimental Framework for Mobile Cloud Computing System. <i>Procedia Computer Science</i> , 2015 , 52, 1147-1152		1.6	9
118	2014,			9
117	Exploiting GPUs for compute-intensive medical applications 2012,			9
116	GA-Based Resource Augmentation Negotiation for Energy-Optimised Mobile Ad-hoc Cloud 2016,			9
115	Using GPUs to speed-up FCM-based community detection in Social Networks 2016,			9
114	Multi-orientation geometric medical volumes segmentation using 3D multiresolution analysis. <i>Multimedia Tools and Applications</i> , 2019 , 78, 24223-24248		2.5	9
113	Using Big Data Analytics for Authorship Authentication of Arabic Tweets 2015,			9
112	Optimizing expansion strategies for ultrascale cloud computing data centers. <i>Simulation Modelling Practice and Theory</i> , 2015 , 58, 15-29		3.9	8
111	Using Dynamic Parallelism to Speed Up Clustering-Based Community Detection in Social Networks 2016,			8

110	Software defined framework for multi-cell Cognitive Radio Networks 2014 ,		8
109	2014 ,		8
108	Mitigating insider threat in cloud relational databases. <i>Security and Communication Networks</i> , 2016 , 9, 1132-1145	1.9	8
107	Using the Panama Papers to explore the financial networks of the Middle East 2016 ,		8
106	Cloud Support Data Management Infrastructure for Upcoming Smart Cities. <i>Procedia Computer Science</i> , 2016 , 83, 1232-1237	1.6	8
105	Fake Reviews Detection: A Survey. <i>IEEE Access</i> , 2021 , 9, 65771-65802	3.5	8
104	Parallel implementation of FCM-based volume segmentation of 3D images 2016 ,		7
103	Using Logistic Regression to Improve Virtual Machines Management in Cloud Computing Systems 2017 ,		7
102	Accelerating Needleman-Wunsch global alignment algorithm with GPUs 2015 ,		7
101	To Build or Not to Build? Addressing the Expansion Strategies of Cloud Providers 2014 ,		7
100	28 Nanometers FPGAs Support for High Throughput and Low Power Cryptographic Applications. <i>Journal of Advances in Information Technology</i> , 2013 , 4,	0.2	7
99	Data Fusion in Autonomous Vehicles Research, Literature Tracing from Imaginary Idea to Smart Surrounding Community 2020 ,		7
98	Multi-Label Emotion Classification for Arabic Tweets 2019 ,		7
97	A Power Management Approach to Reduce Energy Consumption for Edge Computing Servers 2019 ,		6
96	A platform for power management based on indoor localization in smart buildings using long short-term neural networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2020 , e3867	1.9	6
95	Authorship attribution of Arabic tweets 2016 ,		6
94	Software Defined based smart grid architecture 2015 ,		6
93	Software Defined Cognitive Radio Network Framework. <i>International Journal of Grid and High Performance Computing</i> , 2015 , 7, 15-31	0.7	6

92	Accelerated discovery through integration of Kepler with data turbine for ecosystem research 2009 ,		6
91	DDoS detection in 5G-enabled IoT networks using deep Kalman backpropagation neural network. <i>International Journal of Machine Learning and Cybernetics</i> , 2021 , 12, 3337	3.8	6
90	A comprehensive review of blockchain applications in industrial Internet of Things and supply chain systems. <i>Applied Stochastic Models in Business and Industry</i> , 2021 , 37, 391	1.1	6
89	Text detection and script identification in natural scene images using deep learning. <i>Computers and Electrical Engineering</i> , 2021 , 91, 107043	4.3	6
88	An agent-Based self-organizing model for large-scale biosurveillance systems using mobile edge computing. <i>Simulation Modelling Practice and Theory</i> , 2019 , 93, 65-86	3.9	6
87	Autonomous underwater vehicles support for enhanced performance in the Internet of underwater things. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021 , 32, e4225	1.9	6
86	Energy-efficient and secure mobile fog-based cloud for the Internet of Things. <i>Future Generation Computer Systems</i> , 2022 , 127, 1-13	7.5	6
85	Using Aspect-Based Sentiment Analysis to Evaluate Arabic News Affect on Readers 2015 ,		6
84	Accelerating Levenshtein and Damerau edit distance algorithms using GPU with unified memory 2017 ,		5
83	A hybrid CPU-GPU implementation to accelerate multiple pairwise protein sequence alignment 2017 ,		5
82	Framework for affective news analysis of Arabic news: 2014 Gaza attacks case study 2016 ,		5
81	Virtualization-based Cognitive Radio Networks. <i>Journal of Systems and Software</i> , 2016 , 117, 15-29	3.3	5
80	Joint data placement and flow control for cost-efficient data center networks 2015 ,		5
79	Physics aware programming paradigm 2008 ,		5
78	Digital video forensics: a comprehensive survey. <i>International Journal of Advanced Intelligence Paradigms</i> , 2020 , 15, 437	0.5	5
77	Exploiting GPUs to accelerate clustering algorithms 2016 ,		5
76	Multi-tier cloud infrastructure support for reliable global health awareness system. <i>Simulation Modelling Practice and Theory</i> , 2016 , 67, 44-58	3.9	5
75	Minimum spanning tree-based multicast routing protocol for dynamic spectrum access networks: A multi-layer probabilistic approach 2016 ,		5

74	A Multi-Levels Geo-Location based Crawling Method for Social Media Platforms 2019 ,		5
73	Toward a new approach for sorting extremely large data files in the big data era. <i>Cluster Computing</i> , 2019 , 22, 819-828	2.1	5
72	Scalable Video Streaming for Real-Time Multimedia Applications over DDS Middleware for Future Internet Architecture 2018 ,		5
71	An Incentive-based Mechanism for Volunteer Computing Using Blockchain. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-22	3.8	5
70	Enhancing human activity recognition using deep learning and time series augmented data. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 10565	3.7	5
69	A novel framework for software defined based secure storage systems. <i>Simulation Modelling Practice and Theory</i> , 2017 , 77, 407-423	3.9	4
68	Towards improving channel switching in cognitive radio networks 2015 ,		4
67	. <i>IEEE Transactions on Sustainable Computing</i> , 2020 , 5, 428-437	3.5	4
66	SIFT based ROI extraction for lumbar disk herniation CAD system from MRI axial scans. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 1	3.7	4
65	Intrusion and attacks over mobile networks and cloud health systems 2017 ,		4
64	A scalable Map Reduce tasks scheduling: a threading-based approach. <i>International Journal of Computational Science and Engineering</i> , 2017 , 14, 44	0.4	4
63	Mitigating insider threats in a cloud using a knowledgebase approach while maintaining data availability 2015 ,		4
62	Collaboration Networks of Levantine Biomedical Researchers 2014 ,		4
61	Topical search engine for Internet of Things 2014 ,		4
60	Design of the Solar tracker using high order sliding mode 2013 ,		4
59	Extreme learning machine for plant diseases classification: a sustainable approach for smart agriculture. <i>Cluster Computing</i> ,	2.1	4
58	A scalable multiple pairwise protein sequence alignment acceleration using hybrid CPU GPU approach. <i>Cluster Computing</i> , 2020 , 23, 2677-2688	2.1	4
57	Leveraging Linked Open Data to Automatically Answer Arabic Questions. <i>IEEE Access</i> , 2019 , 7, 177122-177136	3.5	4

56	MedGraph: a graph-based representation and computation to handle large sets of images. <i>Multimedia Tools and Applications</i> , 2017 , 76, 2769-2785	2.5	3
55	Novel Weighted Interest Similarity Measurement for Recommender Systems Using Rating Timestamp 2019 ,		3
54	Cooperative weighted-fair control strategy for spectrum self-coexistence in multi-cell WRAN systems. <i>Computers and Electrical Engineering</i> , 2015 , 46, 65-77	4.3	3
53	An Effective Recommender System Based on Clustering Technique for TED Talks. <i>International Journal of Information Technology and Web Engineering</i> , 2020 , 15, 35-51	1.3	3
52	GPU parallelization of sequence segmentation using information theoretic models. <i>Simulation Modelling Practice and Theory</i> , 2018 , 86, 11-24	3.9	3
51	An extended study of collaboration networks of Levantine biomedical researchers. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018 , 9, 3-18	3.7	3
50	Using GPUs to speed-up Levenshtein edit distance computation 2016 ,		3
49	Cloud data centers revenue maximization using server consolidation: Modeling and evaluation 2018 ,		3
48	Software-defined systems support for secure cloud computing based on data classification. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2017 , 72, 335-345	2	3
47	A Survey on Blockchain for Healthcare Informatics and Applications 2020 ,		3
46	On the Use of Arabic Tweets to Predict Stock Market Changes in the Arab World. <i>International Journal of Advanced Computer Science and Applications</i> , 2016 , 7,	1.7	3
45	Energy-efficient opportunistic multi-carrier NOMA-based resource allocation for beyond 5G (B5G) networks. <i>Simulation Modelling Practice and Theory</i> , 2022 , 116, 102452	3.9	3
44	Measuring the controversy level of Arabic trending topics on Twitter 2016 ,		3
43	Completing IEEE 802.11e implementation in NS-3 2016 ,		3
42	Automatic Clustering of Attacks in Intrusion Detection Systems 2019 ,		3
41	Artificial Intelligence Enabling Water Desalination Sustainability Optimization 2019 ,		3
40	Collaboration networks of arab biomedical researchers. <i>Multimedia Tools and Applications</i> , 2019 , 78, 33435-33455	3.5	3
39	Location-Based Lattice Mobility Model for Wireless Sensor Networks. <i>Sensors</i> , 2018 , 18,	3.8	3

38	A survey of blockchain applications in sustainable and smart cities. <i>Cluster Computing</i> ,	2.1	3
37	Integrated network and hosts energy management for cloud data centers. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3641	1.9	2
36	An Effective Model-Based Trust Collaborative Filtering for Explainable Recommendations 2020 ,		2
35	Power Optimization of Large Scale Mobile Cloud System Using Cooperative Cloudlets 2016 ,		2
34	SDCache: Software Defined Data Caching Control for Cloud Services 2016 ,		2
33	Gpu-based personal supercomputing 2013 ,		2
32	SCIP: Selective cache insertion and bypassing to improve the performance of last-level caches 2013 ,		2
31	Trust delegation-based secure mobile cloud computing framework. <i>International Journal of Information and Computer Security</i> , 2017 , 9, 36	0.4	2
30	Leveraging Software-Defined-Networking for Energy Optimisation in Mobile-Cloud-Computing. <i>Procedia Computer Science</i> , 2016 , 94, 479-484	1.6	2
29	Outperforming State-of-the-Art Systems for Aspect-Based Sentiment Analysis 2019 ,		2
28	PreDiKT-OnOff: A complex adaptive approach to study the impact of digital social networks on Pakistani students' personal and social life. <i>Concurrency Computation Practice and Experience</i> , 2020 , 32, e5121	1.4	2
27	Using Bidirectional Long Short-Term Memory and Conditional Random Fields for Labeling Arabic Named Entities: A Comparative Study 2018 ,		2
26	Resilient Back Propagation Neural Network Security Model For Containerized Cloud Computing. <i>Simulation Modelling Practice and Theory</i> , 2022 , 118, 102544	3.9	2
25	A GPU-Based Smith-Waterman Approach for Genome Editing. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 347-352	0.4	1
24	Cloudlet-based ad hoc mobile cloud computing: design and evaluation. <i>International Journal of Embedded Systems</i> , 2017 , 9, 456	0.5	1
23	Framework for Mobile Devices Analysis. <i>Procedia Computer Science</i> , 2016 , 83, 1188-1193	1.6	1
22	Measuring user influence in a co-reviewer network 2018 ,		1
21	Building a prototype for power-aware automatic parking system 2015 ,		1

20	Smart community health awareness model 2015 ,		1
19	Building an Intelligent Global IoT Reputation and Malicious Devices Detecting System. <i>Journal of Network and Systems Management</i> , 2021 , 29, 1	2.1	1
18	A two-level clustering mechanism for energy enhancement in Internet-of-Things-based wireless sensor networks. <i>International Journal of Communication Systems</i> , 2021 , 34, e4913	1.7	1
17	A Mobile-Edge Computing Bio-Surveillance Framework for Multiple Biological Attacks Detection 2019 ,		1
16	A Brief Analysis of Amazon Online Reviews 2019 ,		1
15	Improving Passive 3D Model Reconstruction using Image Enhancement 2018 ,		1
14	Hierarchical detection of insider attacks in cloud computing systems. <i>International Journal of Information and Computer Security</i> , 2017 , 9, 85	0.4	0
13	Modelling multi-packet multi-receiver spectrum sharing using D-OFDM in software-defined networks. <i>Simulation Modelling Practice and Theory</i> , 2020 , 103, 102104	3.9	0
12	Effective peer-to-peer routing in heterogeneous half-duplex and full-duplex multi-hop cognitive radio networks. <i>Peer-to-Peer Networking and Applications</i> , 2021 , 14, 3225-3234	3.1	0
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