

# Yaser I Jararweh

## 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.

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	Energy-efficient opportunistic multi-carrier NOMA-based resource allocation for beyond 5G (B5G) networks. <i>Simulation Modelling Practice and Theory</i> , <b>2022</b> , 116, 102452	3.9	3
234	Energy-efficient and secure mobile fog-based cloud for the Internet of Things. <i>Future Generation Computer Systems</i> , <b>2022</b> , 127, 1-13	7.5	6
233	Resilient Back Propagation Neural Network Security Model For Containerized Cloud Computing. <i>Simulation Modelling Practice and Theory</i> , <b>2022</b> , 118, 102544	3.9	2
232	Hybrid energy-efficient algorithm for efficient Internet of Things deployment. <i>Sustainable Computing: Informatics and Systems</i> , <b>2022</b> , 35, 100715	3	0
231	Opportunistic non-contiguous OFDMA scheduling framework for future B5G/6G cellular networks. <i>Simulation Modelling Practice and Theory</i> , <b>2022</b> , 119, 102563	3.9	0
230	MediaFlow: Multicast Routing and In-Network Monitoring For Professional Media Production. <i>IEEE Transactions on Network and Service Management</i> , <b>2022</b> , 1-1	4.8	
229	DDoS detection in 5G-enabled IoT networks using deep Kalman backpropagation neural network. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2021</b> , 12, 3337	3.8	6
228	Efficient and reliable forensics using intelligent edge computing. <i>Future Generation Computer Systems</i> , <b>2021</b> , 118, 230-239	7.5	11
227	A cooperative resource allocation model for IoT applications in mobile edge computing. <i>Computer Communications</i> , <b>2021</b> , 173, 183-191	5.1	12
226	A comprehensive review of blockchain applications in industrial Internet of Things and supply chain systems. <i>Applied Stochastic Models in Business and Industry</i> , <b>2021</b> , 37, 391	1.1	6
225	Text detection and script identification in natural scene images using deep learning. <i>Computers and Electrical Engineering</i> , <b>2021</b> , 91, 107043	4.3	6
224	A Blockchain-empowered Access Control Framework for Smart Devices in Green Internet of Things. <i>ACM Transactions on Internet Technology</i> , <b>2021</b> , 21, 1-20	3.8	21
223	A blockchain-empowered crowdsourcing system for 5G-enabled smart cities. <i>Computer Standards and Interfaces</i> , <b>2021</b> , 76, 103517	3.5	53
222	Building an Intelligent Global IoT Reputation and Malicious Devices Detecting System. <i>Journal of Network and Systems Management</i> , <b>2021</b> , 29, 1	2.1	1
221	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> , <b>2021</b> , 14, 3225-3234	3.1	0
220	A two-level clustering mechanism for energy enhancement in Internet-of-Things-based wireless sensor networks. <i>International Journal of Communication Systems</i> , <b>2021</b> , 34, e4913	1.7	1
219	A conflict-free replicated data type for collaborative annotation systems. <i>Concurrency Computation Practice and Experience</i> , <b>2021</b> , 33, e5670	1.4	

218	GDBApex: A graph-based system to enable efficient transformation of enterprise infrastructures. <i>Software - Practice and Experience</i> , <b>2021</b> , 51, 517-531	2.5	0
217	A Survey on Blockchain for Information Systems Management and Security. <i>Information Processing and Management</i> , <b>2021</b> , 58, 102397	6.3	135
216	Autonomous underwater vehicles support for enhanced performance in the Internet of underwater things. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2021</b> , 32, e4225	1.9	6
215	Fake Reviews Detection: A Survey. <i>IEEE Access</i> , <b>2021</b> , 9, 65771-65802	3.5	8
214	An Incentive-based Mechanism for Volunteer Computing Using Blockchain. <i>ACM Transactions on Internet Technology</i> , <b>2021</b> , 21, 1-22	3.8	5
213	Enabling Intelligent IoCV Services at the Edge for 5G Networks and Beyond. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 5190-5200	6.1	14
212	Blockchain-Enhanced Data Sharing With Traceable and Direct Revocation in IIoT. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 7669-7678	11.9	87
211	Enhancing human activity recognition using deep learning and time series augmented data. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2021</b> , 12, 10565	3.7	5
210	Blockchain Solution for IoT-based Critical Infrastructures: Byzantine Fault Tolerance <b>2020</b> ,		23
209	. <i>IEEE Access</i> , <b>2020</b> , 8, 113498-113511	3.5	9
208	Enabling efficient and secure energy cloud using edge computing and 5G. <i>Journal of Parallel and Distributed Computing</i> , <b>2020</b> , 145, 42-49	4.4	11
207	Providing secure and reliable communication for next generation networks in smart cities. <i>Sustainable Cities and Society</i> , <b>2020</b> , 56, 102080	10.1	66
206	An Effective Recommender System Based on Clustering Technique for TED Talks. <i>International Journal of Information Technology and Web Engineering</i> , <b>2020</b> , 15, 35-51	1.3	3
205	Transfer Learning for Arabic Named Entity Recognition With Deep Neural Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 37736-37745	3.5	18
204	. <i>IEEE Transactions on Sustainable Computing</i> , <b>2020</b> , 5, 428-437	3.5	4
203	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> , <b>2020</b> , e3867	1.9	6
202	An Effective Model-Based Trust Collaborative Filtering for Explainable Recommendations <b>2020</b> ,		2
201	Modelling multi-packet multi-receiver spectrum sharing using D-OFDM in software-defined networks. <i>Simulation Modelling Practice and Theory</i> , <b>2020</b> , 103, 102104	3.9	0

200	A Survey on Blockchain for Healthcare Informatics and Applications <b>2020</b> ,		3
199	Improving classification and clustering techniques using GPUs. <i>Concurrency Computation Practice and Experience</i> , <b>2020</b> , 32, e5538	1.4	
198	Intelligent jamming-aware routing in multi-hop IoT-based opportunistic cognitive radio networks. <i>Ad Hoc Networks</i> , <b>2020</b> , 98, 102035	4.8	21
197	A scalable multiple pairwise protein sequence alignment acceleration using hybrid CPU-GPU approach. <i>Cluster Computing</i> , <b>2020</b> , 23, 2677-2688	2.1	4
196	Blockchain-based database in an IoT environment: challenges, opportunities, and analysis. <i>Cluster Computing</i> , <b>2020</b> , 23, 2151-2165	2.1	39
195	Data Fusion in Autonomous Vehicles Research, Literature Tracing from Imaginary Idea to Smart Surrounding Community <b>2020</b> ,		7
194	Trustworthy and sustainable smart city services at the edge. <i>Sustainable Cities and Society</i> , <b>2020</b> , 62, 102304	10.4	44
193	Digital video forensics: a comprehensive survey. <i>International Journal of Advanced Intelligence Paradigms</i> , <b>2020</b> , 15, 437	0.5	5
192	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> , <b>2020</b> , 107, 883-897	7.5	12
191	Automated negotiated user profiling across distributed social mobile clouds for resource optimisation. <i>Concurrency Computation Practice and Experience</i> , <b>2020</b> , 32, e4349	1.4	0
190	A Profitable and Energy-Efficient Cooperative Fog Solution for IoT Services. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 3578-3586	11.9	63
189	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> , <b>2020</b> , 32, e5121	1.4	2
188	Parallel implementation for 3D medical volume fuzzy segmentation. <i>Pattern Recognition Letters</i> , <b>2020</b> , 130, 312-318	4.7	55
187	Live forensics of software attacks on cyberphysical systems. <i>Future Generation Computer Systems</i> , <b>2020</b> , 108, 1217-1229	7.5	18
186	Enabling multiple health security threats detection using mobile edge computing. <i>Simulation Modelling Practice and Theory</i> , <b>2020</b> , 101, 101957	3.9	12
185	Low-latency vehicular edge: A vehicular infrastructure model for 5G. <i>Simulation Modelling Practice and Theory</i> , <b>2020</b> , 98, 101968	3.9	39
184	A Power Management Approach to Reduce Energy Consumption for Edge Computing Servers <b>2019</b> ,		6
183	Novel Weighted Interest Similarity Measurement for Recommender Systems Using Rating Timestamp <b>2019</b> ,		3

182	An intrusion detection system for connected vehicles in smart cities. <i>Ad Hoc Networks</i> , <b>2019</b> , 90, 101842-101850	4.8	181
181	Privacy Management in Social Internet of Vehicles: Review, Challenges and Blockchain Based Solutions. <i>IEEE Access</i> , <b>2019</b> , 7, 79694-79713	3.5	68
180	Cloud-Based Multi-Agent Cooperation for IoT Devices Using Workflow-Nets. <i>Journal of Grid Computing</i> , <b>2019</b> , 17, 625-650	4.2	39
179	Integrated network and hosts energy management for cloud data centers. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2019</b> , 30, e3641	1.9	2
178	A GPU-Based Smith-Waterman Approach for Genome Editing. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 347-352	0.4	1
177	Improving fog computing performance via Fog-2-Fog collaboration. <i>Future Generation Computer Systems</i> , <b>2019</b> , 100, 266-280	7.5	60
176	Data and Service Management in Densely Crowded Environments: Challenges, Opportunities, and Recent Developments. <i>IEEE Communications Magazine</i> , <b>2019</b> , 57, 81-87	9.1	73
175	An efficient employment of internet of multimedia things in smart and future agriculture. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 29581-29605	2.5	51
174	A multi-attack resilient lightweight IoT authentication scheme. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2019</b> , e3676	1.9	12
173	Soft Computing-Based EEG Classification by Optimal Feature Selection and Neural Networks. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 5747-5754	11.9	42
172	Outperforming State-of-the-Art Systems for Aspect-Based Sentiment Analysis <b>2019</b> ,		2
171	Automatic Clustering of Attacks in Intrusion Detection Systems <b>2019</b> ,		3
170	A Mobile-Edge Computing Bio-Surveillance Framework for Multiple Biological Attacks Detection <b>2019</b> ,		1
169	A Multi-Levels Geo-Location based Crawling Method for Social Media Platforms <b>2019</b> ,		5
168	Artificial Intelligence Enabling Water Desalination Sustainability Optimization <b>2019</b> ,		3
167	A Brief Analysis of Amazon Online Reviews <b>2019</b> ,		1
166	Leveraging Linked Open Data to Automatically Answer Arabic Questions. <i>IEEE Access</i> , <b>2019</b> , 7, 177122-177136	3.7	136
165	Multi-Label Emotion Classification for Arabic Tweets <b>2019</b> ,		7

164	Collaboration networks of arab biomedical researchers. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 33435-33455		
163	A comprehensive survey of arabic sentiment analysis. <i>Information Processing and Management</i> , <b>2019</b> , 56, 320-342	6.3	72
162	Toward a new approach for sorting extremely large data files in the big data era. <i>Cluster Computing</i> , <b>2019</b> , 22, 819-828	2.1	5
161	An agent-Based self-organizing model for large-scale biosurveillance systems using mobile edge computing. <i>Simulation Modelling Practice and Theory</i> , <b>2019</b> , 93, 65-86	3.9	6
160	Multi-orientation geometric medical volumes segmentation using 3D multiresolution analysis. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 24223-24248	2.5	9
159	Improving the performance of the needleman-wunsch algorithm using parallelization and vectorization techniques. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 3961-3977	2.5	14
158	Impact of digital fingerprint image quality on the fingerprint recognition accuracy. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 3649-3688	2.5	100
157	Improving fuzzy C-mean-based community detection in social networks using dynamic parallelism. <i>Computers and Electrical Engineering</i> , <b>2019</b> , 74, 533-546	4.3	15
156	Enhancing Aspect-Based Sentiment Analysis of Arabic Hotels reviews using morphological, syntactic and semantic features. <i>Information Processing and Management</i> , <b>2019</b> , 56, 308-319	6.3	64
155	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> , <b>2019</b> , 10, 2163-2175	3.8	75
154	GPU parallelization of sequence segmentation using information theoretic models. <i>Simulation Modelling Practice and Theory</i> , <b>2018</b> , 86, 11-24	3.9	3
153	SIFT based ROI extraction for lumbar disk herniation CAD system from MRI axial scans. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2018</b> , 1	3.7	4
152	Accelerating 3D medical volume segmentation using GPUs. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 4939-4958	2.5	45
151	Studying the controversy in online crowds interactions. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 66, 557-563	3.5	10
150	An extended study of collaboration networks of Levantine biomedical researchers. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2018</b> , 9, 3-18	3.7	3
149	Anomaly-based framework for detecting dynamic spectrum access attacks in cognitive radio networks. <i>Telecommunication Systems</i> , <b>2018</b> , 67, 217-229	2.3	10
148	Resilient service provisioning in cloud based data centers. <i>Future Generation Computer Systems</i> , <b>2018</b> , 86, 765-774	7.5	11
147	Collusion attacks mitigation in internet of things: a fog based model. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 18249-18268	2.5	30

146	A collaborative mobile edge computing and user solution for service composition in 5G systems. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2018</b> , 29, e3446	1.9	51
145	Energy efficient dynamic resource management in cloud computing based on logistic regression model and median absolute deviation. <i>Sustainable Computing: Informatics and Systems</i> , <b>2018</b> , 19, 262-274		12
144	Cloud data centers revenue maximization using server consolidation: Modeling and evaluation <b>2018</b> ,		3
143	Measuring user influence in a co-reviewer network <b>2018</b> ,		1
142	Cooperative mobile edge computing system for VANET-based software-defined content delivery. <i>Computers and Electrical Engineering</i> , <b>2018</b> , 71, 388-397	4.3	18
141	Deep learning for Arabic NLP: A survey. <i>Journal of Computational Science</i> , <b>2018</b> , 26, 522-531	3.4	64
140	Deep Recurrent neural network vs. support vector machine for aspect-based sentiment analysis of Arabic hotels' reviews. <i>Journal of Computational Science</i> , <b>2018</b> , 27, 386-393	3.4	139
139	Scalable Video Streaming for Real-Time Multimedia Applications over DDS Middleware for Future Internet Architecture <b>2018</b> ,		5
138	Location-Based Lattice Mobility Model for Wireless Sensor Networks. <i>Sensors</i> , <b>2018</b> , 18,	3.8	3
137	Exploring Computing at the Edge: A Multi-Interface System Architecture Enabled Mobile Device Cloud <b>2018</b> ,		13
136	Improving Passive 3D Model Reconstruction using Image Enhancement <b>2018</b> ,		1
135	An Edge Computing Based Smart Healthcare Framework for Resource Management. <i>Sensors</i> , <b>2018</b> , 18,	3.8	91
134	Using Bidirectional Long Short-Term Memory and Conditional Random Fields for Labeling Arabic Named Entities: A Comparative Study <b>2018</b> ,		2
133	Congestion Mitigation in Densely Crowded Environments for Augmenting QoS in Vehicular Clouds <b>2018</b> ,		16
132	A continuous diversified vehicular cloud service availability framework for smart cities. <i>Computer Networks</i> , <b>2018</b> , 145, 207-218	5.4	63
131	MedGraph: a graph-based representation and computation to handle large sets of images. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 2769-2785	2.5	3
130	A novel framework for software defined based secure storage systems. <i>Simulation Modelling Practice and Theory</i> , <b>2017</b> , 77, 407-423	3.9	4
129	A security framework for cloud-based video surveillance system. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 22787-22802	2.5	14

128	Paraphrase identification and semantic text similarity analysis in Arabic news tweets using lexical, syntactic, and semantic features. <i>Information Processing and Management</i> , <b>2017</b> , 53, 640-652	6.3	44
127	Feature extraction and selection for Arabic tweets authorship authentication. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2017</b> , 8, 383-393	3.7	19
126	Collusion attacks in Internet of Things: Detection and mitigation using a fog based model <b>2017</b> ,		14
125	An insider threat aware access control for cloud relational databases. <i>Cluster Computing</i> , <b>2017</b> , 20, 2669-2685	9	
124	Accelerating Levenshtein and Damerau edit distance algorithms using GPU with unified memory <b>2017</b> ,		5
123	A hybrid CPU-GPU implementation to accelerate multiple pairwise protein sequence alignment <b>2017</b> ,		5
122	Delay-aware power optimization model for mobile edge computing systems. <i>Personal and Ubiquitous Computing</i> , <b>2017</b> , 21, 1067-1077	2.1	17
121	Software-Defined System Support for Enabling Ubiquitous Mobile Edge Computing. <i>Computer Journal</i> , <b>2017</b> , 60, 1443-1457	1.3	35
120	Hierarchical detection of insider attacks in cloud computing systems. <i>International Journal of Information and Computer Security</i> , <b>2017</b> , 9, 85	0.4	0
119	Cloud-assisted data management in wireless body area networks. <i>International Journal of Computational Science and Engineering</i> , <b>2017</b> , 14, 16	0.4	9
118	Cloudlet-based ad hoc mobile cloud computing: design and evaluation. <i>International Journal of Embedded Systems</i> , <b>2017</b> , 9, 456	0.5	1
117	Enhanced 3D segmentation techniques for reconstructed 3D medical volumes: Robust and Accurate Intelligent System. <i>Procedia Computer Science</i> , <b>2017</b> , 113, 531-538	1.6	24
116	Accelerating compute-intensive image segmentation algorithms using GPUs. <i>Journal of Supercomputing</i> , <b>2017</b> , 73, 1929-1951	2.5	15
115	Software-defined systems support for secure cloud computing based on data classification. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , <b>2017</b> , 72, 335-345	2	3
114	Automated wireless video surveillance: an evaluation framework. <i>Journal of Real-Time Image Processing</i> , <b>2017</b> , 13, 527-546	1.9	23
113	Internet of surveillance: a cloud supported large-scale wireless surveillance system. <i>Journal of Supercomputing</i> , <b>2017</b> , 73, 973-992	2.5	59
112	Accelerating compute intensive medical imaging segmentation algorithms using hybrid CPU-GPU implementations. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 3537-3555	2.5	54
111	ACCRES: autonomic based cloud computing resource scaling. <i>Cluster Computing</i> , <b>2017</b> , 20, 2479-2488	2.1	15



110	Intrusion and attacks over mobile networks and cloud health systems <b>2017</b> ,		4
109	Using Logistic Regression to Improve Virtual Machines Management in Cloud Computing Systems <b>2017</b> ,		7
108	A scalable Map Reduce tasks scheduling: a threading-based approach. <i>International Journal of Computational Science and Engineering</i> , <b>2017</b> , 14, 44	0.4	4
107	Trust delegation-based secure mobile cloud computing framework. <i>International Journal of Information and Computer Security</i> , <b>2017</b> , 9, 36	0.4	2
106	SDMEC: Software Defined System for Mobile Edge Computing <b>2016</b> ,		42
105	Towards improving resource management in cloud systems using a multi-agent framework. <i>International Journal of Cloud Computing</i> , <b>2016</b> , 5, 112	1	14
104	Efficient and secure software-defined mobile cloud computing infrastructure. <i>International Journal of High Performance Computing and Networking</i> , <b>2016</b> , 9, 328	1	9
103	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> , <b>2016</b> , 21, 575-588 <sup>9</sup>		11
102	A supervised approach for multi-label classification of Arabic news articles <b>2016</b> ,		10
101	Power Optimization of Large Scale Mobile Cloud System Using Cooperative Cloudlets <b>2016</b> ,		2
100	SDCache: Software Defined Data Caching Control for Cloud Services <b>2016</b> ,		2
99	Using Dynamic Parallelism to Speed Up Clustering-Based Community Detection in Social Networks <b>2016</b> ,		8
98	Authorship attribution of Arabic tweets <b>2016</b> ,		6
97	Parallel implementation of FCM-based volume segmentation of 3D images <b>2016</b> ,		7
96	Using GPUs to speed-up Levenshtein edit distance computation <b>2016</b> ,		3
95	Framework for affective news analysis of Arabic news: 2014 Gaza attacks case study <b>2016</b> ,		5
94	Framework for Mobile Devices Analysis. <i>Procedia Computer Science</i> , <b>2016</b> , 83, 1188-1193	1.6	1
93	Virtualization-based Cognitive Radio Networks. <i>Journal of Systems and Software</i> , <b>2016</b> , 117, 15-29	3.3	5

92	Cloud support for large scale e-healthcare systems. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , <b>2016</b> , 71, 503-515	2	24
91	Software defined cloud: Survey, system and evaluation. <i>Future Generation Computer Systems</i> , <b>2016</b> , 58, 56-74	7.5	74
90	A cloud supported model for efficient community health awareness. <i>Pervasive and Mobile Computing</i> , <b>2016</b> , 28, 35-50	3.5	36
89	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> , <b>2016</b> , 7,	1.7	3
88	GPU Scaling <b>2016</b> , 2373-2384		
87	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> , <b>2016</b> , 11, 15-31	1.3	15
86	Exploiting GPUs to accelerate clustering algorithms <b>2016</b> ,		5
85	The future of mobile cloud computing: Integrating cloudlets and Mobile Edge Computing <b>2016</b> ,		90
84	Mitigating insider threat in cloud relational databases. <i>Security and Communication Networks</i> , <b>2016</b> , 9, 1132-1145	1.9	8
83	Experimental comparison of simulation tools for efficient cloud and mobile cloud computing applications. <i>Eurasip Journal on Information Security</i> , <b>2016</b> , 2016,		23
82	Multi-tier cloud infrastructure support for reliable global health awareness system. <i>Simulation Modelling Practice and Theory</i> , <b>2016</b> , 67, 44-58	3.9	5
81	A GPU-based breast cancer detection system using Single Pass Fuzzy C-Means clustering algorithm <b>2016</b> ,		11
80	Using the Panama Papers to explore the financial networks of the Middle East <b>2016</b> ,		8
79	An enhanced framework for aspect-based sentiment analysis of Hotels' reviews: Arabic reviews case study <b>2016</b> ,		11
78	A Fog Computing Based System for Selective Forwarding Detection in Mobile Wireless Sensor Networks <b>2016</b> ,		32
77	Measuring the controversy level of Arabic trending topics on Twitter <b>2016</b> ,		3
76	GA-Based Resource Augmentation Negotiation for Energy-Optimised Mobile Ad-hoc Cloud <b>2016</b> ,		9
75	Completing IEEE 802.11e implementation in NS-3 <b>2016</b> ,		3

74	Cloud Support Data Management Infrastructure for Upcoming Smart Cities. <i>Procedia Computer Science</i> , <b>2016</b> , 83, 1232-1237	1.6	8
73	Leveraging Software-Defined-Networking for Energy Optimisation in Mobile-Cloud-Computing. <i>Procedia Computer Science</i> , <b>2016</b> , 94, 479-484	1.6	2
72	Evaluating SentiStrength for Arabic Sentiment Analysis <b>2016</b> ,		11
71	Using GPUs to speed-up FCM-based community detection in Social Networks <b>2016</b> ,		9
70	Minimum spanning tree-based multicast routing protocol for dynamic spectrum access networks: A multi-layer probabilistic approach <b>2016</b> ,		5
69	SDIoT: a software defined based internet of things framework. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2015</b> , 6, 453-461	3.7	127
68	Improving FCM and T2FCM algorithms performance using GPUs for medical images segmentation <b>2015</b> ,		18
67	Towards improving channel switching in cognitive radio networks <b>2015</b> ,		4
66	A GPU-based implementations of the fuzzy C-means algorithms for medical image segmentation. <i>Journal of Supercomputing</i> , <b>2015</b> , 71, 3149-3162	2.5	41
65	Optimizing expansion strategies for ultrascale cloud computing data centers. <i>Simulation Modelling Practice and Theory</i> , <b>2015</b> , 58, 15-29	3.9	8
64	Multi-way sentiment classification of Arabic reviews <b>2015</b> ,		27
63	Multi-agent based dynamic resource provisioning and monitoring for cloud computing systems infrastructure. <i>Cluster Computing</i> , <b>2015</b> , 18, 919-932	2.1	69
62	Secure and Efficient Cloud Computing Framework <b>2015</b> ,		10
61	Power Optimization of Large Scale Mobile Cloud Computing Systems <b>2015</b> ,		18
60	AMCC: Ad-hoc based Mobile Cloud Computing Modeling. <i>Procedia Computer Science</i> , <b>2015</b> , 56, 580-585	1.6	9
59	Cooperative weighted-fair control strategy for spectrum self-coexistence in multi-cell WRAN systems. <i>Computers and Electrical Engineering</i> , <b>2015</b> , 46, 65-77	4.3	3
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