

Khaled Shaban

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.

88
papers

1,399
citations

18
h-index

35
g-index

102
ext. papers

1,939
ext. citations

3.5
avg, IF

5.16
L-index

#	Paper	IF	Citations
88	C-SAR: Class-Specific and Adaptive Recognition for Arabic Handwritten Cheques. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022 , 193-208	0.4	
87	Spatiotemporal data mining: a survey on challenges and open problems. <i>Artificial Intelligence Review</i> , 2021 , 1-48	9.7	3
86	Home Energy Management System Embedded with a Multi-Objective Demand Response Optimization Model to Benefit Customers and Operators. <i>Energies</i> , 2021 , 14, 257	3.1	12
85	Finding Behavioural and Imaging Biomarkers of Major Depressive Disorder (MDD) using Artificial Intelligence: A Review 2020 ,		0
84	Model-based risk assessment for cyber physical systems security. <i>Computers and Security</i> , 2020 , 96, 101864	4.4	17
83	Machine Learning-based Regression and Classification Models for Oil Assessment of Power Transformers 2020 ,		4
82	Data-driven Curation, Learning and Analysis for Inferring Evolving IoT Botnets in the Wild 2019 ,		10
81	Towards Sustainable Energy: A Systematic Review of Renewable Energy Sources, Technologies, and Public Opinions. <i>IEEE Access</i> , 2019 , 7, 63837-63851	3.5	179
80	A Survey of Opinion Mining in Arabic. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2019 , 18, 1-52	1.1	28
79	Detecting False Data Injection Attacks in Linear Parameter Varying Cyber-Physical Systems 2019 ,		1
78	Denoising different types of acoustic partial discharge signals using power spectral subtraction. <i>High Voltage</i> , 2018 , 3, 44-50	4.1	12
77	A graph-theoretic service restoration algorithm for power distribution systems 2018 ,		3
76	Feature Selection for Effective Health Index Diagnoses of Power Transformers. <i>IEEE Transactions on Power Delivery</i> , 2018 , 33, 3223-3226	4.3	29
75	Heterogeneous Wireless Networks for Smart Grid Distribution Systems: Advantages and Limitations. <i>Sensors</i> , 2018 , 18,	3.8	5
74	CLASENTI. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2018 , 17, 1-28	1.1	12
73	Modern network reconfiguration techniques for service restoration in distribution systems: A step to a smarter grid. <i>AEJ - Alexandria Engineering Journal</i> , 2018 , 57, 3959-3967	6.1	17
72	Passive inference of attacks on CPS communication protocols. <i>Journal of Information Security and Applications</i> , 2018 , 43, 110-122	3.5	1

71	Fault Detection, Isolation, and Service Restoration in Distribution Systems: State-of-the-Art and Future Trends. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 2170-2185	10.7	106
70	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2017 , 66, 405-413	5.2	9
69	. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2017 , 24, 175-182	2.3	8
68	Delay-Aware Flow Scheduling In Low Latency Enterprise Datacenter Networks: Modeling and Performance Analysis. <i>IEEE Transactions on Communications</i> , 2017 , 65, 2078-2090	6.9	12
67	Modelling and performance analysis of TCP variants for data collection in smart power grids. <i>Computer Communications</i> , 2017 , 103, 39-48	5.1	4
66	AROMA. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2017 , 16, 1-20	1.1	34
65	A Sentiment Treebank and Morphologically Enriched Recursive Deep Models for Effective Sentiment Analysis in Arabic. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2017 , 16, 1-21	1.1	31
64	Post-failure repair for cloud-based infrastructure services after disasters. <i>Computer Communications</i> , 2017 , 111, 29-40	5.1	2
63	Robust detection of acoustic partial discharge signals in noisy environments 2017 ,		2
62	. <i>IEEE Transactions on Network and Service Management</i> , 2017 , 14, 554-568	4.8	90
61	Optimizing Cloud-Service Performance: Efficient Resource Provisioning via Optimal Workload Allocation. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2017 , 28, 1689-1702	3.7	31
60	Restoration methods for cloud multicast virtual networks. <i>Journal of Network and Computer Applications</i> , 2017 , 78, 180-190	7.9	7
59	Comparative Evaluation of Sentiment Analysis Methods Across Arabic Dialects. <i>Procedia Computer Science</i> , 2017 , 117, 266-273	1.6	26
58	Methodical Evaluation of Arabic Word Embeddings 2017 ,		8
57	A Characterization Study of Arabic Twitter Data with a Benchmarking for State-of-the-Art Opinion Mining Models 2017 ,		22
56	A Smart IEC 61850 Merging Unit for Impending Fault Detection in Transformers. <i>IEEE Transactions on Smart Grid</i> , 2016 , 1-1	10.7	5
55	Denosing of acoustic partial discharge signals corrupted with random noise. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2016 , 23, 1453-1459	2.3	17
54	A Meta-Framework for Modeling the Human Reading Process in Sentiment Analysis. <i>ACM Transactions on Information Systems</i> , 2016 , 35, 1-21	4.8	7

53	Surviving link failures in multicast VN embedded applications 2016 ,		5
52	Surviving Multiple Failures in Multicast Virtual Networks With Virtual Machines Migration. <i>IEEE Transactions on Network and Service Management</i> , 2016 , 13, 899-912	4.8	6
51	Delay-Aware Scheduling and Resource Optimization With Network Function Virtualization. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3746-3758	6.9	138
50	Prediction of Transformer Furan Levels. <i>IEEE Transactions on Power Delivery</i> , 2016 , 31, 1778-1779	4.3	15
49	Urban Air Pollution Monitoring System With Forecasting Models. <i>IEEE Sensors Journal</i> , 2016 , 16, 2598-2606	4.0	104
48	A Review on Challenging Issues in Arabic Sentiment Analysis. <i>Journal of Computer Science</i> , 2016 , 12, 471-481	4.3	9
47	Network function virtualization scheduling with transmission delay optimization 2016 ,		19
46	Wireless multihoming for smart grid high data rate applications 2016 ,		3
45	Association Rule Mining on Five Years of Motor Vehicle Crashes. <i>MATEC Web of Conferences</i> , 2016 , 81, 02017	0.3	
44	Enhancing the performance of post-failure restoration schemes in multi-tenant networks 2016 ,		1
43	Reliability-aware service provisioning in NFV-enabled enterprise datacenter networks 2016 ,		18
42	Progressive recovery for network virtualization after large-scale disasters 2016 ,		16
41	Optimal Polynomial Time Algorithm for Restoring Multicast Cloud Services. <i>IEEE Communications Letters</i> , 2016 , 20, 1543-1546	3.8	3
40	Overlay network scheduling design. <i>Computer Communications</i> , 2016 , 82, 28-38	5.1	1
39	Energy conservation-based thresholding for effective wavelet denoising of partial discharge signals. <i>IET Science, Measurement and Technology</i> , 2016 , 10, 813-822	1.5	26
38	Enhancing medical named entity recognition with an extended segment representation technique. <i>Computer Methods and Programs in Biomedicine</i> , 2015 , 119, 88-100	6.9	18
37	. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2015 , 22, 1674-1683	2.3	39
36	Survivable Cloud Network Mapping for Disaster Recovery Support. <i>IEEE Transactions on Computers</i> , 2015 , 64, 2353-2366	2.5	8

35	MINTED: Multicast Virtual NeTwork Embedding in Cloud Data Centers With Delay Constraints. <i>IEEE Transactions on Communications</i> , 2015 , 63, 1291-1305	6.9	21
34	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2015 , 64, 3601-3614	5.2	49
33	Flexible advance reservation models for virtual network scheduling 2015 ,		3
32	Problem-centric Process for Research-based Learning. <i>International Journal of Engineering Pedagogy</i> , 2015 , 5, 24	1.3	3
31	Multicast Tree Repair and Maintenance in the Cloud 2015 ,		4
30	Histogram-based thresholding in discrete wavelet transform for partial discharge signal denoising 2015 ,		4
29	Transformer Health Index estimation using Orthogonal Wavelet Network 2015 ,		6
28	Distribution system restoration based on cooperative multi-agent approach 2015 ,		3
27	A Light Lexicon-based Mobile Application for Sentiment Mining of Arabic Tweets 2015 ,		12
26	Towards Scalable Traffic Management in Cloud Data Centers. <i>IEEE Transactions on Communications</i> , 2014 , 62, 1033-1045	6.9	16
25	Transport layer performance analysis and optimization for smart metering infrastructure. <i>Journal of Network and Computer Applications</i> , 2014 , 46, 83-93	7.9	9
24	Cost effective assessment of transformers using machine learning approach 2014 ,		2
23	Query Hidden Attributes in Social Networks 2014 ,		2
22	A Multiresolution Approach to Recommender Systems 2014 ,		4
21	A probabilistic multi-tenant model for virtual machine mapping in cloud systems 2014 ,		2
20	Multicast Virtual Network Embedding in Cloud Data Centers with Delay Constraints 2014 ,		4
19	Recommender Systems Using Harmonic Analysis 2014 ,		3
18	Classification ensemble to improve medical Named Entity Recognition 2014 ,		4

17	2013,			2
16	Multi-stage intra-patient template matching for prostate detection in MR volumes. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2013, 2013, 3327-30</i>	0.9		
15	Bayesian Network Based Heuristic for Energy Aware EEG Signal Classification. <i>Lecture Notes in Computer Science, 2013, 246-255</i>	0.9		
14	Computer aided diagnosis system based on machine learning techniques for lung cancer 2012,			4
13	2012,			4
12	Evidence Theory-Based Approach for Epileptic Seizure Detection Using EEG Signals 2012,			3
11	Air Quality Monitoring and Prediction System Using Machine-to-Machine Platform. <i>Lecture Notes in Computer Science, 2012, 508-517</i>	0.9		1
10	Evidence-Based Combination of Weighted Classifiers Approach for Epileptic Seizure Detection using EEG Signals. <i>International Journal of Knowledge Discovery in Bioinformatics, 2012, 3, 27-44</i>			
9	"The 100 Most Influential Persons in History": A Data Mining Perspective 2011,			1
8	Hybrid Intelligent System for Disease Diagnosis Based on Artificial Neural Networks, Fuzzy Logic, and Genetic Algorithms. <i>Communications in Computer and Information Science, 2011, 128-139</i>	0.3		6
7	Interest-Determining Web Browser. <i>Lecture Notes in Computer Science, 2010, 518-528</i>	0.9		1
6	. <i>IEEE Transactions on Dielectrics and Electrical Insulation, 2009, 16, 516-523</i>	2.3		25
5	Predicting transformers oil parameters 2009,			4
4	A Semantic Approach for Document Clustering. <i>Journal of Software, 2009, 4,</i>	3		5
3	Document Mining Based on Semantic Understanding of Text. <i>Lecture Notes in Computer Science, 2006, 834-843</i>	0.9		3
2	Performance improvement of automatic speech recognition systems via multiple language models produced by sentence-based clustering			1
1	Information fusion in a cooperative multi-agent system for web information retrieval			2