Abdullah M Al-Dhelaan

List of Publications by Year
in descending order

50 papers	1,309 citations

430874
18
h-index

361022
35
g-index

50 all docs	50 docs citations

50
times ranked

1364
citing authors

#	Article	IF	Citations
1	Social Network and Tag Sources Based Augmenting Collaborative Recommender System. IEICE Transactions on Information and Systems, 2015, E98.D, 902-910.	0.7	243
2	An efficient and scalable density-based clustering algorithm for datasets with complex structures. Neurocomputing, 2016, 171, 9-22.	5.9	136
3	Content-based image retrieval using PSO and k-means clustering algorithm. Arabian Journal of Geosciences, 2015, 8, 6211-6224.	1.3	83
4	LED: A fast overlapping communities detection algorithm based on structural clustering. Neurocomputing, 2016, 207, 488-500.	5.9	82
5	AP Association for Proportional Fairness in Multirate WLANs. IEEE/ACM Transactions on Networking, 2014, 22, 191-202.	3.8	81
6	LGIEM: Global and local node influence based community detection. Future Generation Computer Systems, 2020, 105, 533-546.	7.5	77
7	$$\varvec{\textit{KDVEM}}$$ KDVEM : a $$k$$ k -degree anonymity with vertex and edge modification algorithm. Computing (Vienna/New York), 2015, 97, 1165-1184.	4.8	73
8	Vision-Based Sign Language Classification: A Directional Review. IETE Technical Review (Institution of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.2	47
9	Deep rolling: A novel emotion prediction model for a multi-participant communication context. Information Sciences, 2019, 488, 158-180.	6.9	39
10	A privacy preserving location service for cloud-of-things system. Journal of Parallel and Distributed Computing, 2019, 123, 215-222.	4.1	34
11	Evaluation of Current Documents Image Denoising Techniques: A Comparative Study. Applied Artificial Intelligence, 2014, 28, 879-887.	3.2	33
12	An Efficient Biometric Authentication Protocol for Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 407971.	2.2	32
13	Natural disaster topic extraction in Sina microblogging based on graph analysis. Expert Systems With Applications, 2019, 115, 346-355.	7.6	29
14	Weighted Greedy Dual Size Frequency Based Caching Replacement Algorithm. IEEE Access, 2018, 6, 7214-7223.	4.2	28
15	Detect structural—connected communities based on BSCHEF in C—DBLP. Concurrency Computation Practice and Experience, 2016, 28, 311-330.	2.2	25
16	Protection of location privacy for moving kNN queries in social networks. Applied Soft Computing Journal, 2018, 66, 525-532.	7.2	25
17	Chi-square Statistics Feature Selection Based on Term Frequency and Distribution for Text Categorization. IETE Journal of Research, 2015, 61, 351-362.	2.6	24
18	Achieving Proportional Fairness via AP Power Control in Multi-Rate WLANs. IEEE Transactions on Wireless Communications, 2011, 10, 3784-3792.	9.2	23

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19	Percolation theory based connectivity and latency analysis of cognitive radio ad hoc networks. Wireless Networks, 2011, 17, 659-669.	3.0	16
20	A Comparative Study of Subgraph Matching Isomorphic Methods in Social Networks. IEEE Access, 2018, 6, 66621-66631.	4.2	12
21	PSPLPA: Probability and similarity based parallel label propagation algorithm on spark. Physica A: Statistical Mechanics and Its Applications, 2018, 503, 366-378.	2.6	11
22	Anomaly detection over differential preserved privacy in online social networks. PLoS ONE, 2019, 14, e0215856.	2.5	11
23	A Collaborative Filtering Recommendation Algorithm Based on Hierarchical Structure and Time Awareness. IEICE Transactions on Information and Systems, 2016, E99.D, 1512-1520.	0.7	10
24	A time-series based aggregation scheme for topic detection in Weibo short texts. Physica A: Statistical Mechanics and Its Applications, 2019, 536, 120972.	2.6	9
25	Report: Nuclei segmentation of leukocytes in blood smear digital images. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 1801-6.	0.2	9
26	$\mathcal{K}$ -Lowest-Influence Overlapping Nodes Based Community Detection in Complex Networks. IEEE Access, 2019, 7, 109646-109661.	4.2	8
27	Multiple clustering and selecting algorithms with combining strategy for selective clustering ensemble. Soft Computing, 2020, 24, 15129-15141.	3.6	8
28	Smartphone Architecture for Edge-Centric IoT Analytics. Sensors, 2020, 20, 892.	3.8	8
29	Blockchain-Enabled Access Management System for Edge Computing. Electronics (Switzerland), 2021, 10, 1000.	3.1	7
30	A stochasticlocation privacy protection scheme for edge computing. Mathematical Biosciences and Engineering, 2020, 17, 2636-2649.	1.9	7
31	Distributed Algorithm for Connected Dominating Set Construction in Sensor Networks. , 2013, , .		6
32	Intelligent Bar Chart Plagiarism Detection in Documents. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	6
33	Cooperative Approaches to Construction and Maintenance of Networks' Virtual Backbones for Extreme Wireless Sensor Applications. IEEE Sensors Journal, 2014, 14, 3782-3790.	4.7	6
34	Phase-preserving approach in denoising computed tomography medical images. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2017, 5, 16-26.	1.9	6
35	Improving Label Noise Filtering by Exploiting Unlabeled Data. IEEE Access, 2018, 6, 11154-11165.	4.2	6
36	Bi-Tier Differential Privacy for Precise Auction-Based People-Centric IoT Service. IEEE Access, 2021, 9, 55036-55044.	4.2	6

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37	Iterative adaptive subdivision surface approach to reduce memory consumption in rendering process (IteAS). Journal of Intelligent and Fuzzy Systems, 2015, 28, 337-344.	1.4	5
38	Sign Prediction on Unlabeled Social Networks Using Branch and Bound Optimized Transfer Learning. Complexity, 2019, 2019, 1-11.	1.6	5
39	Multi-view network embedding with node similarity ensemble. World Wide Web, 2020, 23, 2699-2714.	4.0	5
40	Aggregated squeeze-and-excitation transformations for densely connected convolutional networks. Visual Computer, 2022, 38, 2661-2674.	3.5	5
41	Efficient Route Discovery Algorithm for MANETs. , 2010, , .		4
42	Feature Selection with a Local Search Strategy Based on the Forest Optimization Algorithm. CMES - Computer Modeling in Engineering and Sciences, 2019, 121, 569-592.	1.1	4
43	A cooperative intrusion detection scheme for clustered mobile ad hoc networks. , 2011, , .		3
44	A distributed self-healing algorithm for virtual backbone construction and maintenance in Wireless Sensor Networks. , 2013, , .		3
45	Diversity Combining Type I-Hybrid ARQ protocol over m-ary Asymmetric Varshamov channels. Computers and Electrical Engineering, 2019, 77, 389-397.	4.8	3
46	Marker Hiding Methods: Applications in Augmented Reality. Applied Artificial Intelligence, 2015, 29, 101-118.	3.2	2
47	Biometric access control for wireless nodes. , 2012, , .		1
48	A Bibliographic System for Review/Survey Articles. , 2014, , .		1
49	SWNF: Sign Prediction of Weak Ties Based on the Network Features. IEEE Access, 2019, 7, 102054-102063.	4.2	1
50	A study on the design methodology of TAC^3 for edge computing. Mathematical Biosciences and Engineering, 2020, 17, 4406-4421.	1.9	1