

Ahamad Tajudin Khader

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,909
citations

430874

18
h-index

526287

27
g-index

49
all docs

49
docs citations

49
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsupervised text feature selection technique based on hybrid particle swarm optimization algorithm with genetic operators for the text clustering. Journal of Supercomputing, 2017, 73, 4773-4795.	3.6	362
2	Hybrid clustering analysis using improved krill herd algorithm. Applied Intelligence, 2018, 48, 4047-4071.	5.3	302
3	A comprehensive review: Krill Herd algorithm (KH) and its applications. Applied Soft Computing Journal, 2016, 49, 437-446.	7.2	158
4	A harmony search algorithm for university course timetabling. Annals of Operations Research, 2012, 194, 3-31.	4.1	128
5	EEG Signals Denoising Using Optimal Wavelet Transform Hybridized With Efficient Metaheuristic Methods. IEEE Access, 2020, 8, 10584-10605.	4.2	79
6	Economic load dispatch problems with valve-point loading using natural updated harmony search. Neural Computing and Applications, 2018, 29, 767-781.	5.6	64
7	A novel gene selection method using modified MRMR and hybrid bat-inspired algorithm with \hat{I}^2 -hill climbing. Applied Intelligence, 2018, 48, 4429-4447.	5.3	62
8	A novel bat algorithm with dynamic membrane structure for optimization problems. Applied Intelligence, 2021, 51, 1992-2017.	5.3	40
9	Memetic techniques for examination timetabling. Annals of Operations Research, 2014, 218, 23-50.	4.1	38
10	Unsupervised feature selection technique based on genetic algorithm for improving the Text Clustering. , 2016, , .		37
11	Smart Home Battery for the Multi-Objective Power Scheduling Problem in a Smart Home Using Grey Wolf Optimizer. Electronics (Switzerland), 2021, 10, 447.	3.1	37
12	Multi-objective power scheduling problem in smart homes using grey wolf optimiser. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3643-3667.	4.9	35
13	Multi-objectives-based text clustering technique using K-mean algorithm. , 2016, , .		34
14	EEG Feature Extraction for Person Identification Using Wavelet Decomposition and Multi-Objective Flower Pollination Algorithm. IEEE Access, 2018, 6, 76007-76024.	4.2	34
15	A novel hybrid multi-verse optimizer with K-means for text documents clustering. Neural Computing and Applications, 2020, 32, 17703-17729.	5.6	34
16	A krill herd algorithm for efficient text documents clustering. , 2016, , .		33
17	Hybridization of harmony search with hill climbing for highly constrained nurse rostering problem. Neural Computing and Applications, 2017, 28, 463-482.	5.6	32
18	A hybrid strategy for krill herd algorithm with harmony search algorithm to improve the data clustering?. Intelligent Decision Technologies, 2018, 12, 3-14.	0.9	29

#	ARTICLE	IF	CITATIONS
19	EEG-based Person Authentication Using Multi-objective Flower Pollination Algorithm. , 2018, , .		28
20	Gray image enhancement using harmony search. International Journal of Computational Intelligence Systems, 2016, 9, 932.	2.7	27
21	Feature Selection with \hat{I}^2 -Hill Climbing Search for Text Clustering Application. , 2017, , .		27
22	A Hybrid Nature-Inspired Artificial Bee Colony Algorithm for Uncapacitated Examination Timetabling Problems. Journal of Intelligent Systems, 2015, 24, 37-54.	1.6	24
23	Cellular Harmony Search for Optimization Problems. Journal of Applied Mathematics, 2013, 2013, 1-20.	0.9	23
24	A Hybrid Filter-Wrapper Gene Selection Method for Cancer Classification. , 2018, , .		20
25	A Text Feature Selection Technique based on Binary Multi-Verse Optimizer for Text Clustering. , 2019, , .		19
26	A hybrid harmony search algorithm for ab initio protein tertiary structure prediction. Network Modeling Analysis in Health Informatics and Bioinformatics, 2012, 1, 69-85.	2.1	18
27	Harmony Search-based Hyper-heuristic for examination timetabling. , 2013, , .		18
28	An Optimal Power Scheduling for Smart Home Appliances with Smart Battery using Grey Wolf Optimizer. , 2018, , .		18
29	An Efficient Optimization Technique of EEG Decomposition for User Authentication System. , 2018, , .		16
30	An Improved Artificial Bee Colony for Course Timetabling. , 2011, , .		15
31	A novel ensemble statistical topic extraction method for scientific publications based on optimization clustering. Multimedia Tools and Applications, 2021, 80, 37-82.	3.9	14
32	Nurse Scheduling Using Harmony Search. , 2011, , .		13
33	An ensemble topic extraction approach based on optimization clusters using hybrid multi-verse optimizer for scientific publications. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 2765-2801.	4.9	13
34	A HYBRID METHOD BASED ON CUCKOO SEARCH ALGORITHM FOR GLOBAL OPTIMIZATION PROBLEMS. Journal of Information and Communication Technology, 2018, 17, .	0.4	13
35	HARMONY SEARCH WITH NOVEL SELECTION METHODS IN MEMORY CONSIDERATION FOR NURSE ROSTERING PROBLEM. Asia-Pacific Journal of Operational Research, 2014, 31, 1450014.	1.3	11
36	Unsupervised feature selection technique based on harmony search algorithm for improving the text clustering. , 2016, , .		11

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37	3-SAT Using Island-based Genetic Algorithm. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 1694-1698.	0.2	8
38	A Hybrid Salp Swarm Algorithm with η -Hill Climbing Algorithm for Text Documents Clustering. Algorithms for Intelligent Systems, 2021, , 129-161.	0.6	7
39	Multi-label classification of estimated time of arrival with ensemble neural networks in bus transportation network. , 2017, , .		6
40	Multi-objective flower pollination algorithm: a new technique for EEG signal denoising. Neural Computing and Applications, 2023, 35, 7943-7962.	5.6	6
41	Hybrid Harmony Search for Nurse Rostering Problems. , 2013, , .		4
42	A bee colony optimization with automated parameter tuning for sequential ordering problem. , 2014, , .		4
43	EEG-Based Person Identification Using Multi-Verse Optimizer as Unsupervised Clustering Techniques. Algorithms for Intelligent Systems, 2021, , 89-110.	0.6	3
44	Visual Interface Tools to Solve Real-World Examination Timetabling Problem. , 2010, , .		2
45	Visualization Techniques on the Examination Timetabling Pre-processing Data. , 2009, , .		1
46	Parikh matrices of words under a generalized Thue morphism. , 2013, , .		1
47	SpaceViz: Visualization Tool for the Computer Storage Big-Data. , 2015, , .		1
48	Fuzzy Rough Set Approach for Selecting the Most Significant Texture Features in Mammogram Images. , 2013, , .		0
49	Pedestrian dynamics via Bayesian networks. , 2014, , .		0