

# Zaid Abdi Alkareem Alyasseri

List of Publications by Year  
in descending order

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Version: 2024-02-01

51  
papers

1,527  
citations

471061  
17  
h-index

360668  
35  
g-index

52  
all docs

52  
docs citations

52  
times ranked

902  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronavirus herd immunity optimizer (CHIO). Neural Computing and Applications, 2021, 33, 5011-5042.	3.2	219
2	Review on <scp>COVID</scp>â€19 diagnosis models based on machine learning and deep learning approaches. Expert Systems, 2022, 39, e12759.	2.9	105
3	Optimization methods for power scheduling problems in smart home: Survey. Renewable and Sustainable Energy Reviews, 2019, 115, 109362.	8.2	96
4	EEG Signals Denoising Using Optimal Wavelet Transform Hybridized With Efficient Metaheuristic Methods. IEEE Access, 2020, 8, 10584-10605.	2.6	79
5	Variants of the Flower Pollination Algorithm: A Review. Studies in Computational Intelligence, 2018, , 91-118.	0.7	72
6	Gene selection for microarray data classification based on Gray Wolf Optimizer enhanced with TRIZ-inspired operators. Knowledge-Based Systems, 2021, 223, 107034.	4.0	69
7	Hybridizing Î²-hill climbing with wavelet transform for denoising ECG signals. Information Sciences, 2018, 429, 229-246.	4.0	66
8	A novel hybrid grey wolf optimizer with min-conflict algorithm for power scheduling problem in a smart home. Swarm and Evolutionary Computation, 2021, 60, 100793.	4.5	65
9	Link-based multi-verse optimizer for text documents clustering. Applied Soft Computing Journal, 2020, 87, 106002.	4.1	54
10	Person identification using EEG channel selection with hybrid flower pollination algorithm. Pattern Recognition, 2020, 105, 107393.	5.1	48
11	Island flower pollination algorithm for global optimization. Journal of Supercomputing, 2019, 75, 5280-5323.	2.4	43
12	Smart Home Battery for the Multi-Objective Power Scheduling Problem in a Smart Home Using Grey Wolf Optimizer. Electronics (Switzerland), 2021, 10, 447.	1.8	37
13	EEG Feature Extraction for Person Identification Using Wavelet Decomposition and Multi-Objective Flower Pollination Algorithm. IEEE Access, 2018, 6, 76007-76024.	2.6	34
14	A novel hybrid multi-verse optimizer with K-means for text documents clustering. Neural Computing and Applications, 2020, 32, 17703-17729.	3.2	34
15	Particle Swarm optimization Algorithm for Power Scheduling Problem Using Smart Battery. , 2019, , .		32
16	EEG feature fusion for motor imagery: A new robust framework towards stroke patients rehabilitation. Computers in Biology and Medicine, 2021, 137, 104799.	3.9	32
17	EEG-based Person Authentication Using Multi-objective Flower Pollination Algorithm. , 2018, , .		28
18	Gray image enhancement using harmony search. International Journal of Computational Intelligence Systems, 2016, 9, 932.	1.6	27

#	ARTICLE	IF	CITATIONS
19	Feature Selection with $\hat{t}^2$ -Hill Climbing Search for Text Clustering Application. , 2017, , .		27
20	The effects of EEG feature extraction using multi-wavelet decomposition for mental tasks classification. , 2019, , .		25
21	A Hybrid Deep Learning Construct for Detecting Keratoconus From Corneal Maps. Translational Vision Science and Technology, 2021, 10, 16.	1.1	23
22	A Hybrid Filter-Wrapper Gene Selection Method for Cancer Classification. , 2018, , .		20
23	A Text Feature Selection Technique based on Binary Multi-Verse Optimizer for Text Clustering. , 2019, , .		19
24	Optimized leaky ReLU for handwritten Arabic character recognition using convolution neural networks. Multimedia Tools and Applications, 2022, 81, 2065-2094.	2.6	18
25	Classification of EEG mental tasks using Multi-Objective Flower Pollination Algorithm for Person Identification. International Journal of Integrated Engineering, 2018, 10, .	0.2	17
26	An Efficient Optimization Technique of EEG Decomposition for User Authentication System. , 2018, , .		16
27	An Improved Text Feature Selection for Clustering Using Binary Grey Wolf Optimizer. Lecture Notes in Electrical Engineering, 2021, , 503-516.	0.3	16
28	EEG Channel Selection for Person Identification Using Binary Grey Wolf Optimizer. IEEE Access, 2022, 10, 10500-10513.	2.6	16
29	A novel ensemble statistical topic extraction method for scientific publications based on optimization clustering. Multimedia Tools and Applications, 2021, 80, 37-82.	2.6	14
30	A Conceptual and Systematics for Intelligent Power Management System-Based Cloud Computing: Prospects, and Challenges. Applied Sciences (Switzerland), 2021, 11, 9820.	1.3	14
31	ECG signal denoising using $\hat{t}^2$ -hill climbing algorithm and wavelet transform. , 2017, , .		13
32	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.	3.3	13
33	EEG Channel Selection Using Multiobjective Cuckoo Search for Person Identification as Protection System in Healthcare Applications. Computational Intelligence and Neuroscience, 2022, 2022, 1-18.	1.1	13
34	CCSA: Cellular Crow Search Algorithm with topological neighborhood shapes for optimization. Expert Systems With Applications, 2022, 194, 116431.	4.4	12
35	EEG Channel Selection Based User Identification via Improved Flower Pollination Algorithm. Sensors, 2022, 22, 2092.	2.1	11
36	A Modified Coronavirus Herd Immunity Optimizer for the Power Scheduling Problem. Mathematics, 2022, 10, 315.	1.1	10

#	ARTICLE	IF	CITATIONS
37	Edge preserving image enhancement via harmony search algorithm. , 2012, , .		9
38	Keratoconus Severity Detection From Elevation, Topography and Pachymetry Raw Data Using a Machine Learning Approach. IEEE Access, 2021, 9, 84344-84355.	2.6	9
39	Island neighboring heuristics harmony search algorithm for flow shop scheduling with blocking. Swarm and Evolutionary Computation, 2022, 74, 101127.	4.5	9
40	A hybrid flower pollination with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si60.svg">\langle \text{mml:mrow}>\langle \text{mml:mi}>\hat{I}^2\langle \text{mml:mi}>\langle \text{mml:mrow}>\langle \text{mml:math}>\text{-hill climbing algorithm for global optimization. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 4821-4835.}$	2.7	8
41	EEG Signal Denoising Using Hybridizing Method Between Wavelet Transform with Genetic Algorithm. Lecture Notes in Electrical Engineering, 2021, , 449-469.	0.3	8
42	A Hybrid Salp Swarm Algorithm with $\eta$ -Hill Climbing Algorithm for Text Documents Clustering. Algorithms for Intelligent Systems, 2021, , 129-161.	0.5	7
43	Labelled Dataset on Distributed Denial-of-Service (DDoS) Attacks Based on Internet Control Message Protocol Version 6 (ICMPv6). Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	0.8	7
44	A Min-conflict Algorithm for Power Scheduling Problem in a Smart Home Using Battery. Lecture Notes in Electrical Engineering, 2021, , 489-501.	0.3	6
45	Multi-objective flower pollination algorithm: a new technique for EEG signal denoising. Neural Computing and Applications, 2023, 35, 7943-7962.	3.2	6
46	EEG-Based Person Identification Using Multi-Verse Optimizer as Unsupervised Clustering Techniques. Algorithms for Intelligent Systems, 2021, , 89-110.	0.5	3
47	Wind Driven Optimization With Smart Home Battery for Power Scheduling Problem in Smart Home. , 2021, , .		2
48	The Effects of Biotechnology Virtual Labs Approach for Enhancing of Understanding 1 <sup>st</sup> Year University Students. , 2021, , .		2
49	Hybrid Bubble and Merge Sort Algorithms Using Message Passing Interface. Journal of Computer Science & Computational Mathematics, 0, , 67-73.	0.2	1
50	Mapping and Deep Analysis of Image Dehazing: Coherent Taxonomy, Datasets, Open Challenges, Motivations, and Recommendations. International Journal of Interactive Multimedia and Artificial Intelligence, 2021, 7, 172.	1.0	1
51	EEG Feature Fusion for Person Identification Using Efficient Machine Learning Approach. , 2021, , .		1