Santosh Kumar Majhi

List of Publications by Year
in descending order

47 papers	697 citations	471061 17 h-index	610482 24 g-index
49 all docs	49 docs citations	49 times ranked	490 citing authors

#	Article	IF	Citations
1	Optimal fractional order PID controller design using Ant Lion Optimizer. Ain Shams Engineering Journal, 2020, 11, 281-291.	3.5	52
2	Optimal cluster analysis using hybrid K-Means and Ant Lion Optimizer. Karbala International Journal of Modern Science, 2018, 4, 347-360.	0.5	51
3	Fuzzy clustering using salp swarm algorithm for automobile insurance fraud detection. Journal of Intelligent and Fuzzy Systems, 2019, 36, 2333-2344.	0.8	44
4	Antlion optimizer tuned PID controller based on Bode ideal transfer function for automobile cruise control system. Journal of Industrial Information Integration, 2018, 9, 45-52.	4.3	38
5	Improved Salp Swarm Algorithm with Space Transformation Search for Training Neural Network. Arabian Journal for Science and Engineering, 2020, 45, 2743-2761.	1.7	37
6	A binary Bird Swarm Optimization based load balancing algorithm for cloud computing environment. Open Computer Science, 2021, 11, 146-160.	1.3	37
7	An Efficient Feed Foreword Network Model with Sine Cosine Algorithm for Breast Cancer Classification. International Journal of System Dynamics Applications, 2018, 7, 1-14.	0.3	34
8	Improved spotted hyena optimizer with space transformational search for training pi–sigma higher order neural network. Computational Intelligence, 2020, 36, 320-350.	2.1	28
9	Solving traveling salesman problem using hybridization of rider optimization and spotted hyena optimization algorithm. Expert Systems With Applications, 2021, 183, 115353.	4.4	27
10	Fuzzy clustering algorithm based on modified whale optimization algorithm for automobile insurance fraud detection. Evolutionary Intelligence, 2021, 14, 35-46.	2.3	26
11	Design of PID controller for automatic voltage regulator system using Ant Lion Optimizer. World Journal of Engineering, 2018, 15, 373-387.	1.0	25
12	A State-of-Art on Cloud Load Balancing Algorithms. International Journal of Computing and Digital Systems, 2020, 9, 201-220.	0.5	24
13	Oppositional salp swarm algorithm with mutation operator for global optimization and application in training higher order neural networks. Multimedia Tools and Applications, 2021, 80, 35415-35439.	2.6	22
14	How Effective is the Salp Swarm Algorithm in Data Classification. Advances in Intelligent Systems and Computing, 2020, , 579-588.	0.5	22
15	Oppositional spotted hyena optimizer with mutation operator for global optimization and application in training wavelet neural network. Journal of Intelligent and Fuzzy Systems, 2020, 38, 6677-6690.	0.8	18
16	Quantum-inspired binary chaotic salp swarm algorithm (QBCSSA)-based dynamic task scheduling for multiprocessor cloud computing systems. Journal of Supercomputing, 2021, 77, 10377-10423.	2.4	18
17	Performance Evaluation of PID Controller for an Automobile Cruise Control System using Ant Lion Optimizer. Engineering Journal, 2017, 21, 347-361.	0.5	18
18	Intelligent Latency-Aware Tasks Prioritization and Offloading Strategy in Distributed Fog-Cloud of Things. IEEE Transactions on Industrial Informatics, 2023, 19, 2099-2106.	7.2	18

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19	A chaotic salp swarm algorithm based on quadratic integrate and fire neural model for function optimization. Progress in Artificial Intelligence, 2019, 8, 343-358.	1.5	17
20	A dynamic load scheduling in IaaS cloud using binary JAYA algorithm. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 4914-4930.	2.7	17
21	MFOFLANN: moth flame optimized functional link artificial neural network for prediction of earthquake magnitude. Evolving Systems, 2020, 11, 45-63.	2.4	12
22	Oppositional Crow Search Algorithm with mutation operator for global optimization and application in designing FOPID controller. Evolving Systems, 2021, 12, 463-488.	2.4	12
23	A Study on Security Vulnerability on Cloud Platforms. Procedia Computer Science, 2016, 78, 55-60.	1.2	10
24	Effectiveness of Swarm-Based Metaheuristic Algorithm in Data Classification Using Pi-Sigma Higher Order Neural Network. Advances in Intelligent Systems and Computing, 2021, , 77-88.	0.5	10
25	A Hybrid Approach of Spotted Hyena Optimization Integrated with Quadratic Approximation for Training Wavelet Neural Network. Arabian Journal for Science and Engineering, 2022, 47, 10347-10363.	1.7	9
26	A comprehensive survey of recent developments in neuronal communication and computational neuroscience. Journal of Industrial Information Integration, 2019, 13, 40-54.	4.3	8
27	A space transformational crow search algorithm for optimization problems. Evolutionary Intelligence, 2020, 13, 345-364.	2.3	8
28	VM migration auction: Business oriented federation of cloud providers for scaling of application services. , 2014, , .		5
29	Cyber Physical Systems & Public Utility in India: State of Art. Procedia Computer Science, 2016, 78, 777-781.	1.2	5
30	How Effective Is the Moth-Flame Optimization in Diabetes Data Classification. Advances in Intelligent Systems and Computing, 2019, , 79-87.	0.5	5
31	A security context migration framework for Virtual Machine migration. , 2015, , .		4
32	An authentication framework for securing virtual machine migration. , 2016, , .		4
33	Designing an adaptive firewall for enterprise cloud. , 2014, , .		3
34	Threat Modelling of Virtual Machine Migration Auction. Procedia Computer Science, 2016, 78, 107-113.	1.2	3
35	Placement of Security Devices in Cloud Data Centre Network: Analysis and Implementation. Procedia Computer Science, 2016, 78, 33-39.	1.2	3
36	Classification of Phishing Websites Using Moth-Flame Optimized Neural Network. Advances in Intelligent Systems and Computing, 2019, , 39-48.	0.5	3

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37	An orthogonal moth flame optimization for global optimization and application to model order reduction problem. Journal of Intelligent and Fuzzy Systems, 2020, 38, 6649-6661.	0.8	3
38	MRMR-SSA: a hybrid approach for optimal feature selection. Evolutionary Intelligence, 2022, 15, 2017-2036.	2.3	3
39	Design and Applications of Improved Metaheuristic Algorithms for Neural Network Training. Studies in Computational Intelligence, 2022, , 223-255.	0.7	3
40	Design of fractional order PID controller for heat flow system using hybrid particle swarm optimisation and gravitational search algorithm. International Journal of Computational Intelligence Studies, 2019, 8, 59.	0.3	2
41	A Hybrid Clustering Algorithm Based on Kmeans and Ant Lion Optimization. Advances in Intelligent Systems and Computing, 2019, , 639-650.	0.5	2
42	QALO-MOR: Improved antlion optimizer based on quantum information theory forÂmodel order reduction. Journal of Intelligent and Fuzzy Systems, 2021, , 1-11.	0.8	2
43	Latency-aware Internet of Things Scheduling in Heterogeneous Fog-Cloud Paradigm. , 2022, , .		2
44	A Security Enforcement Framework for Virtual Machine Migration Auction. , 2015, , .		1
45	Design and Analysis of Modified Leaky Integrate and Fire Model. , 2018, , .		1
46	Developing Arithmetic Optimization Algorithm for Travelling Salesman Problem. Lecture Notes in Networks and Systems, 2022, , 217-226.	0.5	1
47	AdaRes: ResNet50 with AdaSwarm for Glaucoma Classification & Detection. , 2022, , .		0