

Santosh Kumar Majhi

List of Publications by Citations

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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.

46
papers

352
citations

11
h-index

16
g-index

49
ext. papers

517
ext. citations

2.2
avg, IF

5.2
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 46 | Optimal fractional order PID controller design using Ant Lion Optimizer. <i>Ain Shams Engineering Journal</i> , 2020 , 11, 281-291 | 4.4 | 27 |
| 45 | Improved Salp Swarm Algorithm with Space Transformation Search for Training Neural Network. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 2743-2761 | 2.5 | 27 |
| 44 | Optimal cluster analysis using hybrid K-Means and Ant Lion Optimizer. <i>Karbala International Journal of Modern Science</i> , 2018 , 4, 347-360 | 4.6 | 27 |
| 43 | Antlion optimizer tuned PID controller based on Bode ideal transfer function for automobile cruise control system. <i>Journal of Industrial Information Integration</i> , 2018 , 9, 45-52 | 7 | 23 |
| 42 | Improved spotted hyena optimizer with space transformational search for training pi-sigma higher order neural network. <i>Computational Intelligence</i> , 2020 , 36, 320-350 | 2.5 | 22 |
| 41 | An Efficient Feed Forward Network Model with Sine Cosine Algorithm for Breast Cancer Classification. <i>International Journal of System Dynamics Applications</i> , 2018 , 7, 1-14 | 0.7 | 20 |
| 40 | Fuzzy clustering using salp swarm algorithm for automobile insurance fraud detection. <i>Journal of Intelligent and Fuzzy Systems</i> , 2019 , 36, 2333-2344 | 1.6 | 19 |
| 39 | How Effective is the Salp Swarm Algorithm in Data Classification. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 579-588 | 0.4 | 19 |
| 38 | Design of PID controller for automatic voltage regulator system using Ant Lion Optimizer. <i>World Journal of Engineering</i> , 2018 , 15, 373-387 | 1.8 | 17 |
| 37 | A chaotic salp swarm algorithm based on quadratic integrate and fire neural model for function optimization. <i>Progress in Artificial Intelligence</i> , 2019 , 8, 343-358 | 4 | 13 |
| 36 | Fuzzy clustering algorithm based on modified whale optimization algorithm for automobile insurance fraud detection. <i>Evolutionary Intelligence</i> , 2021 , 14, 35-46 | 1.7 | 11 |
| 35 | A State-of-Art on Cloud Load Balancing Algorithms. <i>International Journal of Computing and Digital Systems</i> , 2020 , 9, 201-220 | 1.6 | 10 |
| 34 | Performance Evaluation of PID Controller for an Automobile Cruise Control System using Ant Lion Optimizer. <i>Engineering Journal</i> , 2017 , 21, 347-361 | 1.8 | 10 |
| 33 | Oppositional spotted hyena optimizer with mutation operator for global optimization and application in training wavelet neural network. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 6677-6690 | 1.6 | 9 |
| 32 | Oppositional salp swarm algorithm with mutation operator for global optimization and application in training higher order neural networks. <i>Multimedia Tools and Applications</i> , 1 | 2.5 | 9 |
| 31 | MFOFLANN: moth flame optimized functional link artificial neural network for prediction of earthquake magnitude. <i>Evolving Systems</i> , 2020 , 11, 45-63 | 2.1 | 8 |
| 30 | Oppositional Crow Search Algorithm with mutation operator for global optimization and application in designing FOPID controller. <i>Evolving Systems</i> , 2021 , 12, 463-488 | 2.1 | 7 |

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| 29 | Solving traveling salesman problem using hybridization of rider optimization and spotted hyena optimization algorithm. <i>Expert Systems With Applications</i> , 2021 , 183, 115353 | 7.8 | 7 |
| 28 | A binary Bird Swarm Optimization based load balancing algorithm for cloud computing environment. <i>Open Computer Science</i> , 2021 , 11, 146-160 | 1.5 | 6 |
| 27 | A dynamic load scheduling in IaaS cloud using binary JAYA algorithm. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2020 , | 2.5 | 5 |
| 26 | A comprehensive survey of recent developments in neuronal communication and computational neuroscience. <i>Journal of Industrial Information Integration</i> , 2019 , 13, 40-54 | 7 | 5 |
| 25 | A space transformational crow search algorithm for optimization problems. <i>Evolutionary Intelligence</i> , 2020 , 13, 345-364 | 1.7 | 5 |
| 24 | Effectiveness of Swarm-Based Metaheuristic Algorithm in Data Classification Using Pi-Sigma Higher Order Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 77-88 | 0.4 | 4 |
| 23 | Quantum-inspired binary chaotic salp swarm algorithm (QBCSSA)-based dynamic task scheduling for multiprocessor cloud computing systems. <i>Journal of Supercomputing</i> , 2021 , 77, 10377-10423 | 2.5 | 4 |
| 22 | Cyber Physical Systems & Public Utility in India: State of Art. <i>Procedia Computer Science</i> , 2016 , 78, 777-781.6 | | 4 |
| 21 | An orthogonal moth flame optimization for global optimization and application to model order reduction problem. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 6649-6661 | 1.6 | 3 |
| 20 | A security context migration framework for Virtual Machine migration 2015 , | | 3 |
| 19 | VM migration auction: Business oriented federation of cloud providers for scaling of application services 2014 , | | 3 |
| 18 | How Effective Is the Moth-Flame Optimization in Diabetes Data Classification. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 79-87 | 0.4 | 3 |
| 17 | Placement of Security Devices in Cloud Data Centre Network: Analysis and Implementation. <i>Procedia Computer Science</i> , 2016 , 78, 33-39 | 1.6 | 3 |
| 16 | A Study on Security Vulnerability on Cloud Platforms. <i>Procedia Computer Science</i> , 2016 , 78, 55-60 | 1.6 | 3 |
| 15 | Classification of Phishing Websites Using Moth-Flame Optimized Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 39-48 | 0.4 | 3 |
| 14 | Design of fractional order PID controller for heat flow system using hybrid particle swarm optimisation and gravitational search algorithm. <i>International Journal of Computational Intelligence Studies</i> , 2019 , 8, 59 | 0.7 | 2 |
| 13 | QALO-MOR: Improved antlion optimizer based on quantum information theory for model order reduction. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021 , 1-11 | 1.6 | 2 |
| 12 | Threat Modelling of Virtual Machine Migration Auction. <i>Procedia Computer Science</i> , 2016 , 78, 107-113 | 1.6 | 2 |

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| 11 | A Hybrid Clustering Algorithm Based on Kmeans and Ant Lion Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 639-650 | 0.4 | 2 |
| 10 | A Security Enforcement Framework for Virtual Machine Migration Auction 2015 , | | 1 |
| 9 | Designing an adaptive firewall for enterprise cloud 2014 , | | 1 |
| 8 | A Hybrid Approach of Spotted Hyena Optimization Integrated with Quadratic Approximation for Training Wavelet Neural Network.. <i>Arabian Journal for Science and Engineering</i> , 2022 , 1-17 | 2.5 | 1 |
| 7 | Design and Analysis of Modified Leaky Integrate and Fire Model 2018 , | | 1 |
| 6 | MRMR-SSA: a hybrid approach for optimal feature selection. <i>Evolutionary Intelligence</i> ,1 | 1.7 | 0 |
| 5 | Intelligent Latency-aware tasks prioritization and offloading strategy in Distributed Fog-Cloud of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1 | 11.9 | 0 |
| 4 | Design and Applications of Improved Metaheuristic Algorithms for Neural Network Training. <i>Studies in Computational Intelligence</i> , 2022 , 223-255 | 0.8 | 0 |
| 3 | Energy Efficient Chrip Signal Using Stockwell Transform. <i>Smart Innovation, Systems and Technologies</i> , 2021 , 521-531 | 0.5 | |
| 2 | Developing Arithmetic Optimization Algorithm for Travelling Salesman Problem. <i>Lecture Notes in Networks and Systems</i> , 2022 , 217-226 | 0.5 | |
| 1 | Design of Intelligent Scheduling Algorithms for Cloud Computing. <i>Studies in Computational Intelligence</i> , 2022 , 149-175 | 0.8 | |