

Akash Saxena

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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.

58

papers

483

citations

12

h-index

20

g-index

75

ext. papers

701

ext. citations

2.4

avg, IF

5.12

L-index

#	Paper	IF	Citations
58	An efficient harmonic estimator design based on Augmented Crow Search Algorithm in noisy environment. <i>Expert Systems With Applications</i> , 2022 , 194, 116470	7.8	3
57	Numerical investigation of the respective roles of cohesive and hydrodynamic forces in aggregate restructuring under shear flow. <i>Journal of Colloid and Interface Science</i> , 2022 , 608, 355-365	9.3	0
56	Application of Hybridized Whale Optimization for Protein Structure Prediction. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 141-150	0.4	
55	Forecasting of PM10 Using Intelligent Crow Search Algorithm Tuned Feed-Forward Neural Network. <i>Advances in Intelligent Systems and Computing</i> , 2022 , 117-127	0.4	0
54	An Application of OMFO for Optimal Bidding Strategy in Pay-as-Bid Auction Environment. <i>Algorithms for Intelligent Systems</i> , 2022 , 785-792	0.5	
53	Process Optimization of Biodiesel Production Using the Laplacian Harris Hawk Optimization (LHHO) Algorithm. <i>Modelling and Simulation in Engineering</i> , 2022 , 2022, 1-13	1.3	1
52	Chaos Embed Marine Predator (CMPA) Algorithm for Feature Selection. <i>Mathematics</i> , 2022 , 10, 1411	2.3	1
51	Levy Flight Opposition Embedded BAT Algorithm for Model Order Reduction. <i>Springer Tracts in Nature-inspired Computing</i> , 2021 , 103-118	1.8	2
50	Solar Cell Parameter Extraction by Using Harris Hawks Optimization Algorithm. <i>Studies in Computational Intelligence</i> , 2021 , 349-379	0.8	1
49	Development and application of Quantum Entanglement inspired Particle Swarm Optimization. <i>Knowledge-Based Systems</i> , 2021 , 219, 106859	7.3	5
48	Harmonic Estimator Design Using Teaching Learning Based Optimization. <i>Algorithms for Intelligent Systems</i> , 2021 , 173-185	0.5	
47	An Optimal Demand Response Strategy Using Gray Wolf Optimization. <i>Algorithms for Intelligent Systems</i> , 2021 , 893-908	0.5	0
46	Performance Evaluation of (beta) Chaotic Map Enabled Grey Wolf Optimizer on Protein Structure Prediction. <i>Algorithms for Intelligent Systems</i> , 2021 , 147-159	0.5	
45	Grey forecasting models based on internal optimization for Novel Corona virus (COVID-19). <i>Applied Soft Computing Journal</i> , 2021 , 111, 107735	7.5	9
44	Bidding strategies of a power producer in power market: measurement indices and evaluation 2021 , 635-652		
43	Chaotic step length artificial bee colony algorithms for protein structure prediction. <i>Journal of Interdisciplinary Mathematics</i> , 2020 , 23, 617-629	1.2	4
42	Short term forecasting based on hourly wind speed data using deep learning algorithms 2020 ,		9

41	A new redefined model of Firefly Algorithm with application to strategic bidding problem in Power Sector. <i>International Transactions on Electrical Energy Systems</i> , 2020 , 30, e12279	2.2	2
40	Adaptive Inertia-Weighted Firefly Algorithm. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 495-503	0.2	1
39	Chaotic Variants of Grasshopper Optimization Algorithm and Their Application to Protein Structure Prediction. <i>Springer Tracts in Nature-inspired Computing</i> , 2020 , 151-175	1.8	6
38	Opposition Theory Enabled Intelligent Whale Optimization Algorithm. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 485-493	0.2	1
37	A harmonic estimator design with evolutionary operators equipped grey wolf optimizer. <i>Expert Systems With Applications</i> , 2020 , 145, 113125	7.8	23
36	Parameter extraction of solar cell using intelligent grey wolf optimizer. <i>Evolutionary Intelligence</i> , 2020 , 1	1.7	6
35	Development and applications of an intelligent crow search algorithm based on opposition based learning. <i>ISA Transactions</i> , 2020 , 99, 210-230	5.5	32
34	A comprehensive study of chaos embedded bridging mechanisms and crossover operators for grasshopper optimisation algorithm. <i>Expert Systems With Applications</i> , 2019 , 132, 166-188	7.8	34
33	An opposition theory enabled moth flame optimizer for strategic bidding in uniform spot energy market 2019 , 22, 1047-1067		15
32	A demand side management control strategy using Whale optimization algorithm. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	13
31	Profit Maximization Bidding Strategy for a GENCO using Whale Optimization Algorithm 2019 ,		1
30	Transient stability-oriented assessment and application of preventive control action for power system. <i>Journal of Engineering</i> , 2019 , 2019, 5345-5350	0.7	6
29	An Improved Binary Grey Wolf Optimizer (IBGWO) for Unit Commitment Problem in Thermal Generation 2019 ,		1
28	Chaotic map enabled Grey Wolf Optimizer. <i>Applied Soft Computing Journal</i> , 2019 , 75, 84-105	7.5	61
27	Intelligent Grey Wolf Optimizer Development and application for strategic bidding in uniform price spot energy market. <i>Applied Soft Computing Journal</i> , 2018 , 69, 1-13	7.5	45
26	Toward Better Control of Inclusion Cleanliness in a Gas Stirred Ladle Using Multiscale Numerical Modeling. <i>Materials</i> , 2018 , 11,	3.5	6
25	Identification of generator criticality and transient instability by supervising real-time rotor angle trajectories employing RBFNN. <i>ISA Transactions</i> , 2018 , 83, 66-88	5.5	4
24	Application of ANN for stability assessment of large power system by post-fault rotor angle measurements 2018 ,		4

23	Voltage stability assessment using artificial neural network 2018 ,		3
22	Structured Clanning-Based Ensemble Optimization Algorithm: A Novel Approach for Solving Complex Numerical Problems. <i>Modelling and Simulation in Engineering</i> , 2018 , 2018, 1-19	1.3	
21	Application and Development of Enhanced Chaotic Grasshopper Optimization Algorithms. <i>Modelling and Simulation in Engineering</i> , 2018 , 2018, 1-14	1.3	26
20	An intelligent energy bidding strategy based on opposition theory enabled grey wolf optimizer 2018 ,		2
19	Assessment of Transient Stability through Coherent Machine Identification by Using Least-Square Support Vector Machine. <i>Modelling and Simulation in Engineering</i> , 2018 , 2018, 1-12	1.3	2
18	Critical investigations on performance of ANN and wavelet fault classifiers. <i>Cogent Engineering</i> , 2017 , 4, 1286730	1.5	1
17	Online identification of coherent generators in power system by using SVM 2017 ,		4
16	Ambient Air Quality Classification by Grey Wolf Optimizer Based Support Vector Machine. <i>Journal of Environmental and Public Health</i> , 2017 , 2017, 3131083	2.6	25
15	Optimal Bidding Strategy for Profit Maximization of Generation Companies under Step-Wise Bidding Protocol. <i>International Journal of Engineering and Technology</i> , 2017 , 9, 797-805	1	4
14	Supervised Learning Paradigm Based on Least Square Support Vector Machine for Contingency Ranking in a Large Power System. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 531-539	0.4	1
13	Grey wolf optimizer based regulator design for automatic generation control of interconnected power system. <i>Cogent Engineering</i> , 2016 , 3, 1151612	1.5	39
12	A least square support vector machine-based approach for contingency classification and ranking in a large power system. <i>Cogent Engineering</i> , 2016 , 3, 1137201	1.5	11
11	Optimal Placement of SVC Incorporating Installation Cost. <i>International Journal of Hybrid Information Technology</i> , 2016 , 9, 289-302		6
10	Voltage Stability Assessment using GVSM and Preventive Control using SVC. <i>International Journal of Computer Applications</i> , 2016 , 142, 23-31	1.1	4
9	Performance Evaluation of Antlion Optimizer Based Regulator in Automatic Generation Control of Interconnected Power System. <i>Journal of Engineering (United States)</i> , 2016 , 2016, 1-14	1.5	18
8	Assessment of Global Voltage Stability Margin through Radial Basis Function Neural Network. <i>Advances in Electrical Engineering</i> , 2016 , 2016, 1-11		3
7	Electricity price forecasting by linear regression and SVM 2016 ,		5
6	Optimal Placement Strategy of Distributed Generators based on Radial Basis Function Neural Network in Distribution Networks. <i>Procedia Computer Science</i> , 2015 , 57, 249-257	1.6	17

- 5 Support Vector Machine based approach for accurate contingency ranking in power system **2015**, 4
- 4 Minimax approximation synthesis in PSS design by embedding gravitational search algorithm **2014**, 1
- 3 **2012**, 7
- 2 Aspects of Smart Grid in Indian Scenario **2011**, 2435-2440
- 1 Transmission expansion planning using composite teaching learning based optimisation algorithm. *Evolutionary Intelligence*,1 1.7