Karam M Sallam

List of Publications by Year
in descending order

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		759233	752698
31	658	12	20
papers	citations	h-index	g-index

31	31	31	375
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Automated Task Scheduling Model Using Non-Dominated Sorting Genetic Algorithm II for Fog-Cloud Systems. IEEE Transactions on Cloud Computing, 2022, 10, 2294-2308.	4.4	33
2	Federated Intrusion Detection in Blockchain-Based Smart Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2523-2537.	8.0	45
3	An improved binary sparrow search algorithm for feature selection in data classification. Neural Computing and Applications, 2022, 34, 15705-15752.	5.6	21
4	Chaos Embed Marine Predator (CMPA) Algorithm for Feature Selection. Mathematics, 2022, 10, 1411.	2.2	14
5	Enhanced COVID-19 X-ray image preprocessing schema using type-2 neutrosophic set. Applied Soft Computing Journal, 2022, 123, 108948.	7.2	4
6	An Optimization Model for Appraising Intrusion-Detection Systems for Network Security Communications: Applications, Challenges, and Solutions. Sensors, 2022, 22, 4123.	3.8	1
7	A Self-Adaptive Deep Learning-Based Algorithm for Predictive Analysis of Bitcoin Price. IEEE Access, 2021, 9, 34054-34066.	4.2	9
8	A reinforcement learning based multi-method approach for stochastic resource constrained project scheduling problems. Expert Systems With Applications, 2021, 169, 114479.	7.6	24
9	Gaining-Sharing Knowledge Based Algorithm with Adaptive Parameters Hybrid with IMODE Algorithm for Solving CEC 2021 Benchmark Problems. , 2021, , .		36
10	An improved gaining-sharing knowledge algorithm for parameter extraction of photovoltaic models. Energy Conversion and Management, 2021, 237, 114030.	9.2	39
11	A clustering based Swarm Intelligence optimization technique for the Internet of Medical Things. Expert Systems With Applications, 2021, 173, 114648.	7.6	27
12	BSMA: A novel metaheuristic algorithm for multi-dimensional knapsack problems: Method and comprehensive analysis. Computers and Industrial Engineering, 2021, 159, 107469.	6.3	18
13	Evolutionary algorithm-based convolutional neural network for predicting heart diseases. Computers and Industrial Engineering, 2021, 161, 107651.	6.3	10
14	Approach for Training Quantum Neural Network to Predict Severity of COVID-19 in Patients. Computers, Materials and Continua, 2021, 66, 1745-1755.	1.9	6
15	An Improved Binary Grey-Wolf Optimizer With Simulated Annealing for Feature Selection. IEEE Access, 2021, 9, 139792-139822.	4.2	12
16	An On-Chain Analysis-Based Approach to Predict Ethereum Prices. IEEE Access, 2021, 9, 167972-167989.	4.2	8
17	Landscape-assisted multi-operator differential evolution for solving constrained optimization problems. Expert Systems With Applications, 2020, 162, 113033.	7.6	29
18	Multi-Operator Differential Evolution Algorithm for Solving Real-World Constrained Optimization Problems. , 2020, , .		17

#	Article	IF	Citations
19	Improved Multi-operator Differential Evolution Algorithm for Solving Unconstrained Problems. , 2020, , .		88
20	Evolutionary Framework With Reinforcement Learning-Based Mutation Adaptation. IEEE Access, 2020, 8, 194045-194071.	4.2	11
21	A two-stage multi-operator differential evolution algorithm for solving Resource Constrained Project Scheduling problems. Future Generation Computer Systems, 2020, 108, 432-444.	7.5	36
22	An Efficient-Assembler Whale Optimization Algorithm for DNA Fragment Assembly Problem: Analysis and Validations. IEEE Access, 2020, 8, 222144-222167.	4.2	15
23	A Differential Evolution Algorithm for Military Workforce Planning Problems: A Simulation-Optimization Approach. , 2020, , .		2
24	A Hybrid Differential Evolution with Cuckoo Search for Solving Resource Constrained Project Scheduling Problems. , 2019, , .		6
25	Improved United Multi-Operator Algorithm for Solving Optimization Problems. , 2018, , .		15
26	Reduced search space mechanism for solving constrained optimization problems. Engineering Applications of Artificial Intelligence, 2017, 65, 147-158.	8.1	6
27	Landscape-based adaptive operator selection mechanism for differential evolution. Information Sciences, 2017, 418-419, 383-404.	6.9	60
28	Multi-method based orthogonal experimental design algorithm for solving CEC2017 competition problems. , 2017, , .		21
29	Two-phase differential evolution framework for solving optimization problems. , 2016, , .		8
30	Neurodynamic differential evolution algorithm and solving CEC2015 competition problems. , 2015, , .		35
31	A framework for evaluating sustainable renewable energy sources under uncertain conditions: A case study. International Journal of Intelligent Systems, 0, , .	5.7	2