

# Rizk M Rizk-Allah

## List of Publications by Year in descending order

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36  
papers

1,247  
citations

394421

19  
h-index

377865

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

897  
citing authors

#	ARTICLE	IF	CITATIONS
1	VIKOR approach for bi-level multi-criteria nonlinear fractional programming problems: new insights. <i>Kybernetes</i> , 2023, 52, 4375-4400.	2.2	2
2	A hybrid equilibrium algorithm and pattern search technique for wind farm layout optimization problem. <i>ISA Transactions</i> , 2023, 132, 402-418.	5.7	17
3	A hybrid Harris hawks-Nelder-Mead optimization for practical nonlinear ordinary differential equations. <i>Evolutionary Intelligence</i> , 2022, 15, 141-165.	3.6	15
4	Chaos-opposition-enhanced slime mould algorithm for minimizing the cost of energy for the wind turbines on high-altitude sites. <i>ISA Transactions</i> , 2022, 121, 191-205.	5.7	45
5	Modified Tunicate Swarm Algorithm for Nonlinear Optimization Problems. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022, , 366-381.	0.7	2
6	A Novel Binary Hybrid PSO-EO Algorithm for Cryptanalysis of Internal State of RC4 Cipher. <i>Sensors</i> , 2022, 22, 3844.	3.8	4
7	A hybrid chameleon swarm algorithm with superiority of feasible solutions for optimal combined heat and power economic dispatch problem. <i>Energy</i> , 2022, 254, 124340.	8.8	23
8	Artificial ecosystem optimizer for parameters identification of proton exchange membrane fuel cells model. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 37612-37627.	7.1	49
9	Locomotion-based Hybrid Salp Swarm Algorithm for Parameter Estimation of Fuzzy Representation-based Photovoltaic Modules. <i>Journal of Modern Power Systems and Clean Energy</i> , 2021, 9, 384-394.	5.4	18
10	A comparative study of two optimization approaches for solving bi-level multi-objective linear fractional programming problem. <i>Opsearch</i> , 2021, 58, 374-402.	1.8	6
11	A quantum-based sine cosine algorithm for solving general systems of nonlinear equations. <i>Artificial Intelligence Review</i> , 2021, 54, 3939-3990.	15.7	30
12	Intuitionistic Fuzzy Sets and Dynamic Programming for Multi-objective Non-linear Programming Problems. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 334-352.	4.0	13
13	A novel approach for solving rough multi-objective transportation problem: development and prospects. <i>Computational and Applied Mathematics</i> , 2021, 40, 1.	2.2	26
14	Model parameters extraction of solid oxide fuel cells based on semi-empirical and memory-based chameleon swarm algorithm. <i>International Journal of Energy Research</i> , 2021, 45, 21435-21450.	4.5	10
15	Effective coordination settings for directional overcurrent relay using hybrid Gradient-based optimizer. <i>Applied Soft Computing Journal</i> , 2021, 112, 107748.	7.2	19
16	Enhanced Tunicate Swarm Algorithm for Solving Large-Scale Nonlinear Optimization Problems. <i>International Journal of Computational Intelligence Systems</i> , 2021, 14, 1.	2.7	14
17	Conscious neighborhood scheme-based Laplacian barnacles mating algorithm for parameters optimization of photovoltaic single- and double-diode models. <i>Energy Conversion and Management</i> , 2020, 226, 113522.	9.2	39
18	Hybridization of Grey Wolf Optimizer and Crow Search Algorithm Based on Dynamic Fuzzy Learning Strategy for Large-Scale Optimization. <i>IEEE Access</i> , 2020, 8, 161593-161611.	4.2	13

#	ARTICLE	IF	CITATIONS
19	Multi-objective orthogonal opposition-based crow search algorithm for large-scale multi-objective optimization. <i>Neural Computing and Applications</i> , 2020, 32, 13715-13746.	5.6	47
20	An enhanced sittingâ€“sizing scheme for shunt capacitors in radial distribution systems using improved atom search optimization. <i>Neural Computing and Applications</i> , 2020, 32, 13971-13999.	5.6	17
21	Long Term Load Forecasting Based on Hybrid Model of Feed Forward Net and Modified Grey Wolf Optimization. <i>WSEAS Transactions on Power Systems</i> , 2020, 15, 133-142.	0.4	2
22	An improved sineâ€“cosine algorithm based on orthogonal parallel information for global optimization. <i>Soft Computing</i> , 2019, 23, 7135-7161.	3.6	46
23	A new binary salp swarm algorithm: development and application for optimization tasks. <i>Neural Computing and Applications</i> , 2019, 31, 1641-1663.	5.6	104
24	Optimal Allocation of a Hybrid Renewable Energy-Storage System for Supplying Egyptian Distribution Networks Using Discrete Jaya Algorithm. , 2019, , .		1
25	A movable damped wave algorithm for solving global optimization problems. <i>Evolutionary Intelligence</i> , 2019, 12, 49-72.	3.6	20
26	Assessment of hurricane versus sine-cosine optimization algorithms for economic/ecological emissions load dispatch problem. <i>International Transactions on Electrical Energy Systems</i> , 2019, 29, e2716.	1.9	26
27	A multi-objective transportation model under neutrosophic environment. <i>Computers and Electrical Engineering</i> , 2018, 69, 705-719.	4.8	110
28	Decomposition of parametric space for bi-objective optimization problem using neural network approach. <i>Opsearch</i> , 2018, 55, 502-531.	1.8	4
29	A novel sine cosine approach for single and multiobjective emission/economic load dispatch problem. , 2018, , .		17
30	Chaotic crow search algorithm for fractional optimization problems. <i>Applied Soft Computing Journal</i> , 2018, 71, 1161-1175.	7.2	99
31	A novel parallel hurricane optimization algorithm for secure emission/economic load dispatch solution. <i>Applied Soft Computing Journal</i> , 2018, 63, 206-222.	7.2	118
32	Hybridizing sine cosine algorithm with multi-orthogonal search strategy for engineering design problems. <i>Journal of Computational Design and Engineering</i> , 2018, 5, 249-273.	3.1	82
33	New binary bat algorithm for solving 0â€“1 knapsack problem. <i>Complex &amp; Intelligent Systems</i> , 2018, 4, 31-53.	6.5	70
34	A novel fruit fly framework for multi-objective shape design of tubular linear synchronous motor. <i>Journal of Supercomputing</i> , 2017, 73, 1235-1256.	3.6	63
35	A New Sine Cosine Optimization Algorithm for Solving Combined Non-Convex Economic and Emission Power Dispatch Problems. <i>International Journal on Energy Conversion</i> , 2017, 5, 180.	0.1	26
36	A hybrid crow search algorithm based on rough searching scheme for solving engineering optimization problems. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 0, , 1.	4.9	49