

Dalia Yousri

List of Publications by Year in descending order

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163
papers

8,425
citations

53751

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85
g-index

163
all docs

163
docs citations

163
times ranked

4055
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquila Optimizer: A novel meta-heuristic optimization algorithm. Computers and Industrial Engineering, 2021, 157, 107250.	3.4	1,209
2	Parameter estimation of photovoltaic cells using an improved chaotic whale optimization algorithm. Applied Energy, 2017, 200, 141-154.	5.1	491
3	Flower Pollination Algorithm based solar PV parameter estimation. Energy Conversion and Management, 2015, 101, 410-422.	4.4	362
4	An improved Opposition-Based Sine Cosine Algorithm for global optimization. Expert Systems With Applications, 2017, 90, 484-500.	4.4	325
5	Parameters extraction of the three diode model for the multi-crystalline solar cell/module using Moth-Flame Optimization Algorithm. Energy Conversion and Management, 2016, 123, 535-548.	4.4	267
6	Improved salp swarm algorithm based on particle swarm optimization for feature selection. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3155-3169.	3.3	258
7	Parameter estimation of solar cells diode models by an improved opposition-based whale optimization algorithm. Energy Conversion and Management, 2018, 171, 1843-1859.	4.4	215
8	COVID-19 image classification using deep features and fractional-order marine predators algorithm. Scientific Reports, 2020, 10, 15364.	1.6	182
9	BEPO: A novel binary emperor penguin optimizer for automatic feature selection. Knowledge-Based Systems, 2021, 211, 106560.	4.0	165
10	Dynamic Harris Hawks Optimization with Mutation Mechanism for Satellite Image Segmentation. Remote Sensing, 2019, 11, 1421.	1.8	144
11	Static and dynamic photovoltaic modelsâ€™ parameters identification using Chaotic Heterogeneous Comprehensive Learning Particle Swarm Optimizer variants. Energy Conversion and Management, 2019, 182, 546-563.	4.4	140
12	A review on meta-heuristics methods for estimating parameters of solar cells. Journal of Power Sources, 2019, 435, 126683.	4.0	138
13	An efficient Harris hawks-inspired image segmentation method. Expert Systems With Applications, 2020, 155, 113428.	4.4	130
14	Optimal photovoltaic array reconfiguration for alleviating the partial shading influence based on a modified harris hawks optimizer. Energy Conversion and Management, 2020, 206, 112470.	4.4	127
15	Fractional chaotic ensemble particle swarm optimizer for identifying the single, double, and three diode photovoltaic modelsâ€™ parameters. Energy, 2020, 195, 116979.	4.5	118
16	A Robust Strategy Based on Marine Predators Algorithm for Large Scale Photovoltaic Array Reconfiguration to Mitigate the Partial Shading Effect on the Performance of PV System. IEEE Access, 2020, 8, 112407-112426.	2.6	117
17	Parameters identification of photovoltaic cell models using enhanced exploratory salp chains-based approach. Energy, 2020, 198, 117333.	4.5	106
18	An Improved Marine Predators Algorithm With Fuzzy Entropy for Multi-Level Thresholding: Real World Example of COVID-19 CT Image Segmentation. IEEE Access, 2020, 8, 125306-125330.	2.6	98

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19	A novel approach to parameter estimation of photovoltaic systems using hybridized optimizer. <i>Energy Conversion and Management</i> , 2019, 187, 486-511.	4.4	92
20	A Chaotic Improved Artificial Bee Colony for Parameter Estimation of Photovoltaic Cells. <i>Energies</i> , 2017, 10, 865.	1.6	88
21	A Novel Chaotic Flower Pollination Algorithm for Global Maximum Power Point Tracking for Photovoltaic System Under Partial Shading Conditions. <i>IEEE Access</i> , 2019, 7, 121432-121445.	2.6	84
22	Multi-level thresholding-based grey scale image segmentation using multi-objective multi-verse optimizer. <i>Expert Systems With Applications</i> , 2019, 125, 112-129.	4.4	81
23	Biological inspired optimization algorithms for cole-impedance parameters identification. <i>AEU - International Journal of Electronics and Communications</i> , 2017, 78, 79-89.	1.7	80
24	Gradient-Based Optimizer for Parameter Extraction in Photovoltaic Models. <i>IEEE Access</i> , 2021, 9, 13403-13416.	2.6	78
25	A novel objective function with artificial ecosystem-based optimization for relieving the mismatching power loss of large-scale photovoltaic array. <i>Energy Conversion and Management</i> , 2020, 225, 113385.	4.4	77
26	Recent methodology based Harris Hawks optimizer for designing load frequency control incorporated in multi-interconnected renewable energy plants. <i>Sustainable Energy, Grids and Networks</i> , 2020, 22, 100352.	2.3	77
27	COVID-19 X-ray images classification based on enhanced fractional-order cuckoo search optimizer using heavy-tailed distributions. <i>Applied Soft Computing Journal</i> , 2021, 101, 107052.	4.1	74
28	Hybrid Harris hawks optimization with cuckoo search for drug design and discovery in chemoinformatics. <i>Scientific Reports</i> , 2020, 10, 14439.	1.6	73
29	Photovoltaic Array Reconfiguration System for Maximizing the Harvested Power Using Population-Based Algorithms. <i>IEEE Access</i> , 2020, 8, 109608-109624.	2.6	69
30	A robust global MPPT to mitigate partial shading of triple-junction solar cell-based system using manta ray foraging optimization algorithm. <i>Solar Energy</i> , 2020, 207, 305-316.	2.9	68
31	Chaotic whale optimizer variants for parameters estimation of the chaotic behavior in Permanent Magnet Synchronous Motor. <i>Applied Soft Computing Journal</i> , 2019, 74, 479-503.	4.1	66
32	Improved ANFIS model for forecasting Wuhan City Air Quality and analysis COVID-19 lockdown impacts on air quality. <i>Environmental Research</i> , 2021, 194, 110607.	3.7	66
33	Fractional-order calculus-based flower pollination algorithm with local search for global optimization and image segmentation. <i>Knowledge-Based Systems</i> , 2020, 197, 105889.	4.0	65
34	Reliable applied objective for identifying simple and detailed photovoltaic models using modern metaheuristics: Comparative study. <i>Energy Conversion and Management</i> , 2020, 223, 113279.	4.4	63
35	Nonlinear adaptive fractional order fuzzy PID control of a 2-link planar rigid manipulator with payload. <i>Journal of the Franklin Institute</i> , 2017, 354, 993-1022.	1.9	62
36	Multi-Objective Grey Wolf Optimizer for Optimal Design of Switching Matrix for Shaded PV array Dynamic Reconfiguration. <i>IEEE Access</i> , 2020, 8, 159931-159946.	2.6	62

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37	EWOA-OPF: Effective Whale Optimization Algorithm to Solve Optimal Power Flow Problem. Electronics (Switzerland), 2021, 10, 2975.	1.8	58
38	Fractional-order cuckoo search algorithm for parameter identification of the fractional-order chaotic, chaotic with noise and hyper-chaotic financial systems. Engineering Applications of Artificial Intelligence, 2020, 92, 103662.	4.3	57
39	Boosting Arithmetic Optimization Algorithm with Genetic Algorithm Operators for Feature Selection: Case Study on Cox Proportional Hazards Model. Mathematics, 2021, 9, 2321.	1.1	55
40	Hybrid Grasshopper Optimization Algorithm and Differential Evolution for Multilevel Satellite Image Segmentation. Remote Sensing, 2019, 11, 1134.	1.8	52
41	Chaotic Flower Pollination and Grey Wolf Algorithms for parameter extraction of bio-impedance models. Applied Soft Computing Journal, 2019, 75, 750-774.	4.1	52
42	Optimal energy management of micro-grid using sparrow search algorithm. Energy Reports, 2022, 8, 758-773.	2.5	51
43	Static and dynamic reconfiguration approaches for mitigation of partial shading influence in photovoltaic arrays. Sustainable Energy Technologies and Assessments, 2020, 40, 100738.	1.7	50
44	An efficient multi-thresholding based COVID-19 CT images segmentation approach using an improved equilibrium optimizer. Biomedical Signal Processing and Control, 2022, 73, 103401.	3.5	50
45	Predicting the performance of solar dish Stirling power plant using a hybrid random vector functional link/chimp optimization model. Solar Energy, 2021, 222, 1-17.	2.9	49
46	Fractional Chaos Maps with Flower Pollination Algorithm for Partial Shading Mitigation of Photovoltaic Systems. Energies, 2019, 12, 3548.	1.6	48
47	A Grunwaldâ€“Letnikov based Manta ray foraging optimizer for global optimization and image segmentation. Engineering Applications of Artificial Intelligence, 2021, 98, 104105.	4.3	47
48	Improved Slime Mould Algorithm based on Firefly Algorithm for feature selection: A case study on QSAR model. Engineering With Computers, 2022, 38, 2407-2421.	3.5	47
49	A Novel $\frac{d^{\alpha}x}{dt^{\alpha}} = -kx$ based control scheme using GWO tuned PID controller for efficient MPPT of PEM fuel cell. ISA Transactions, 2019, 68, 312-324.	1.6	46
50	Parameter identification of fractional-order chaotic systems using different Meta-heuristic Optimization Algorithms. Nonlinear Dynamics, 2019, 95, 2491-2542.	2.7	46
51	Self-tuned robust fractional order fuzzy PD controller for uncertain and nonlinear active suspension system. Neural Computing and Applications, 2018, 30, 1827-1843.	3.2	45
52	A Hybrid Method of Sine Cosine Algorithm and Differential Evolution for Feature Selection. Lecture Notes in Computer Science, 2017, , 145-155.	1.0	43
53	A Novel Application of Improved Marine Predators Algorithm and Particle Swarm Optimization for Solving the ORPD Problem. Energies, 2020, 13, 5679.	1.6	42
54	A hybrid Harris hawks-moth-flame optimization algorithm including fractional-order chaos maps and evolutionary population dynamics. Advances in Engineering Software, 2021, 154, 102973.	1.8	42

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55	Enhanced Marine Predators Algorithm for identifying static and dynamic Photovoltaic models parameters. <i>Energy Conversion and Management</i> , 2021, 236, 113971.	4.4	42
56	An opposition-based social spider optimization for feature selection. <i>Soft Computing</i> , 2019, 23, 13547-13567.	2.1	41
57	Social Media Toxicity Classification Using Deep Learning: Real-World Application UK Brexit. <i>Electronics (Switzerland)</i> , 2021, 10, 1332.	1.8	41
58	Parameters identification of solid oxide fuel cell for static and dynamic simulation using comprehensive learning dynamic multi-swarm marine predators algorithm. <i>Energy Conversion and Management</i> , 2021, 228, 113692.	4.4	40
59	A multimodal hierarchical approach to speech emotion recognition from audio and text. <i>Knowledge-Based Systems</i> , 2021, 229, 107316.	4.0	40
60	Hybridizing of Whale and Moth-Flame Optimization Algorithms to Solve Diverse Scales of Optimal Power Flow Problem. <i>Electronics (Switzerland)</i> , 2022, 11, 831.	1.8	38
61	Efficient fractional-order modified Harris hawks optimizer for proton exchange membrane fuel cell modeling. <i>Engineering Applications of Artificial Intelligence</i> , 2021, 100, 104193.	4.3	35
62	An Electric Fish-Based Arithmetic Optimization Algorithm for Feature Selection. <i>Entropy</i> , 2021, 23, 1189.	1.1	35
63	A reliable approach for modeling the photovoltaic system under partial shading conditions using three diode model and hybrid marine predators-slime mould algorithm. <i>Energy Conversion and Management</i> , 2021, 243, 114269.	4.4	35
64	Optimal integral minus proportional derivative controller design by evolutionary algorithm for thermalâ€renewable energyâ€hybrid power systems. <i>IET Renewable Power Generation</i> , 2019, 13, 2000-2012.	1.7	34
65	A novel life choice-based optimizer. <i>Soft Computing</i> , 2020, 24, 9121-9141.	2.1	33
66	Fractional-order comprehensive learning marine predators algorithm for global optimization and feature selection. <i>Knowledge-Based Systems</i> , 2022, 235, 107603.	4.0	33
67	Efficient Design of Discrete Fractional-Order Differentiators Using Nelderâ€Mead Simplex Algorithm. <i>Circuits, Systems, and Signal Processing</i> , 2016, 35, 2155-2188.	1.2	30
68	Efficient control of integrated power system using self-tuned fractional-order fuzzy PID controller. <i>Neural Computing and Applications</i> , 2019, 31, 4137-4155.	3.2	30
69	An online tuned novel nonlinear PI controller for stiction compensation in pneumatic control valves. <i>ISA Transactions</i> , 2015, 58, 434-445.	3.1	29
70	Identifying the parameters of different configurations of photovoltaic models based on recent artificial ecosystemâ€based optimization approach. <i>International Journal of Energy Research</i> , 2020, 44, 11302-11322.	2.2	29
71	Multi-Level Image Thresholding Based on Modified Spherical Search Optimizer and Fuzzy Entropy. <i>Entropy</i> , 2020, 22, 328.	1.1	29
72	Minimum hydrogen consumption based control strategy of fuel cell/PV/battery/supercapacitor hybrid system using recent approach based parasitism-predation algorithm. <i>Energy</i> , 2021, 225, 120316.	4.5	29

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73	Quantum marine predators algorithm for addressing multilevel image segmentation. <i>Applied Soft Computing Journal</i> , 2021, 110, 107598.	4.1	29
74	A robust fractional order fuzzy P + fuzzy I + fuzzy D controller for nonlinear and uncertain system. <i>International Journal of Automation and Computing</i> , 2017, 14, 474-488.	4.5	28
75	Breast cancer detection from thermal images using a Grunwald-Letnikov-aided Dragonfly algorithm-based deep feature selection method. <i>Computers in Biology and Medicine</i> , 2022, 141, 105027.	3.9	28
76	Multilevel thresholding by fuzzy type II sets using evolutionary algorithms. <i>Swarm and Evolutionary Computation</i> , 2019, 51, 100591.	4.5	27
77	Parameter extraction of fuel cells using hybrid interior search algorithm. <i>International Journal of Energy Research</i> , 2019, 43, 2854-2880.	2.2	26
78	Comprehensive comparison based on meta-heuristic algorithms for approximation of the fractional-order Laplacian s as a weighted sum of first-order high-pass filters. <i>Microelectronics Journal</i> , 2019, 87, 110-120.	1.1	26
79	Modified Artificial Ecosystem-Based Optimization for Multilevel Thresholding Image Segmentation. <i>Mathematics</i> , 2021, 9, 2363.	1.1	26
80	An improved runner-root algorithm for solving feature selection problems based on rough sets and neighborhood rough sets. <i>Applied Soft Computing Journal</i> , 2020, 97, 105517.	4.1	25
81	A modified Marine predators algorithm for solving single- and multi-objective combined economic emission dispatch problems. <i>Computers and Industrial Engineering</i> , 2022, 164, 107906.	3.4	25
82	Boosting arithmetic optimization algorithm by sine cosine algorithm and levy flight distribution for solving engineering optimization problems. <i>Neural Computing and Applications</i> , 2022, 34, 8823-8852.	3.2	25
83	Efficient text document clustering approach using multi-search Arithmetic Optimization Algorithm. <i>Knowledge-Based Systems</i> , 2022, 248, 108833.	4.0	25
84	Efficient IIR notch filter design using Minimax optimization for 50Hz noise suppression in ECG. , 2015, , .		24
85	Image segmentation via multilevel thresholding using hybrid optimization algorithms. <i>Journal of Electronic Imaging</i> , 2018, 27, 1.	0.5	24
86	Masi Entropy for Satellite Color Image Segmentation Using Tournament-Based Lévy Multiverse Optimization Algorithm. <i>Remote Sensing</i> , 2019, 11, 942.	1.8	23
87	Classification of Apple Disease Based on Non-Linear Deep Features. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6422.	1.3	23
88	Discrete fractional-order Caputo method to overcome trapping in local optima: Manta Ray Foraging Optimizer as a case study. <i>Expert Systems With Applications</i> , 2022, 192, 116355.	4.4	23
89	Optimal adaptive fuzzy management strategy for fuel cell-based DC microgrid. <i>Energy</i> , 2022, 247, 123447.	4.5	23
90	Efficient Modeling of Linear Discrete Filters Using Ant Lion Optimizer. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 1535-1568.	1.2	22

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91	Fractional Lévy flight bat algorithm for global optimisation. International Journal of Bio-Inspired Computation, 2020, 15, 100.	0.6	22
92	Optimal reconfiguration of shaded PV based system using African vultures optimization approach. AEJ - Alexandria Engineering Journal, 2022, 61, 12159-12185.	3.4	22
93	Comparative study of some optimization techniques applied to DC motor control. , 2014, , .		21
94	Feature Selection Based on Improved Runner-Root Algorithm Using Chaotic Singer Map and Opposition-Based Learning. Lecture Notes in Computer Science, 2017, , 156-166.	1.0	21
95	Optimal Charging/Discharging Decision of Energy Storage Community in Grid-Connected Microgrid Using Multi-Objective Hunger Game Search Optimizer. IEEE Access, 2021, 9, 120774-120794.	2.6	20
96	FPGA Implementation of Steinhartâ€Hart Equation for Accurate Thermistor Linearization. IEEE Sensors Journal, 2018, 18, 2260-2267.	2.4	18
97	A Robust Fractional-Order PID Controller Based Load Frequency Control Using Modified Hunger Games Search Optimizer. Energies, 2022, 15, 361.	1.6	17
98	Modified marine predators algorithm for feature selection: case study metabolomics. Knowledge and Information Systems, 2022, 64, 261-287.	2.1	17
99	Robust approach based chimp optimization algorithm for minimizing power loss of electrical distribution networks via allocating distributed generators. Sustainable Energy Technologies and Assessments, 2021, 47, 101359.	1.7	15
100	Robust parameter estimation approach of Lithiumâ€ion batteries employing bald eagle search algorithm. International Journal of Energy Research, 2022, 46, 10564-10575.	2.2	15
101	Stability Analysis of Parallel Fuzzy P + Fuzzy I + Fuzzy D Control Systems. International Journal of Automation and Computing, 2013, 10, 91-98.	4.5	14
102	Recent approach based heterogeneous comprehensive learning Archimedes optimization algorithm for identifying the optimal parameters of different fuel cells. Energy, 2022, 248, 123587.	4.5	14
103	Real-time bald eagle search approach for tracking the maximum generated power of wind energy conversion system. Energy, 2022, 249, 123661.	4.5	14
104	Chaotic Heterogeneous Comprehensive Learning Particle Swarm Optimizer Variants for Permanent Magnet Synchronous Motor Models Parameters Estimation. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2020, 44, 1299-1318.	1.5	13
105	Identifying the Parameters of Cole Impedance Model Using Magnitude Only and Complex Impedance Measurements: A Metaheuristic Optimization Approach. Arabian Journal for Science and Engineering, 2020, 45, 6541-6558.	1.7	13
106	A new comprehensive learning marine predator algorithm for extracting the optimal parameters of supercapacitor model. Journal of Energy Storage, 2021, 42, 103035.	3.9	13
107	Boosting Atomic Orbit Search Using Dynamic-Based Learning for Feature Selection. Mathematics, 2021, 9, 2786.	1.1	13
108	A new implementation of the MPPT based raspberry Pi embedded board for partially shaded photovoltaic system. Energy Reports, 2022, 8, 5603-5619.	2.5	13

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109	Efficient control of a 3-link planar rigid manipulator using self-regulated fractional-order fuzzy PID controller. <i>Applied Soft Computing Journal</i> , 2019, 82, 105531.	4.1	12
110	Nature and Biologically Inspired Image Segmentation Techniques. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 1415-1442.	6.0	12
111	A Cox Proportional-Hazards Model Based on an Improved Aquila Optimizer with Whale Optimization Algorithm Operators. <i>Mathematics</i> , 2022, 10, 1273.	1.1	12
112	Comparative study of some optimization techniques applied to Jacketed CSTR control. , 2015, , .		11
113	Some investigations on hybrid fuzzy IPD controllers for proportional and derivative kick suppression. <i>International Journal of Automation and Computing</i> , 2016, 13, 516-528.	4.5	10
114	Fractional Calculus-Based Slime Mould Algorithm for Feature Selection Using Rough Set. <i>IEEE Access</i> , 2021, 9, 131625-131636.	2.6	10
115	Automatic selection of heavy-tailed distributions-based synergy Henry gas solubility and Harris hawk optimizer for feature selection: case study drug design and discovery. <i>Artificial Intelligence Review</i> , 2021, 54, 4685-4730.	9.7	10
116	Fractional chaos maps with flower pollination algorithm for chaotic systemsâ€™ parameters identification. <i>Neural Computing and Applications</i> , 2020, 32, 16291-16327.	3.2	9
117	An efficient photovoltaic modeling using an Adaptive Fractional-order Archimedes Optimization Algorithm: Validation with partial shading conditions. <i>Solar Energy</i> , 2022, 236, 26-50.	2.9	9
118	Managing the exchange of energy between microgrid elements based on multi-objective enhanced marine predators algorithm. <i>AEJ - Alexandria Engineering Journal</i> , 2022, 61, 8487-8505.	3.4	9
119	Optimal parameter identification of supercapacitor model using bald eagle search optimization algorithm. <i>Journal of Energy Storage</i> , 2022, 50, 104603.	3.9	9
120	Modified Interactive Algorithm Based on Runge Kutta Optimizer for Photovoltaic Modeling: Justification Under Partial Shading and Varied Temperature Conditions. <i>IEEE Access</i> , 2022, 10, 20793-20815.	2.6	8
121	Some investigations on fuzzy P + fuzzy I + fuzzy D controller for non-stationary process. <i>International Journal of Automation and Computing</i> , 2012, 9, 449-458.	4.5	7
122	An educational laboratory virtual instrumentation suite assisted experiment for studying fundamentals of series resistanceâ€™inductanceâ€™capacitance circuit. <i>European Journal of Engineering Education</i> , 2017, 42, 1220-1239.	1.5	7
123	Parameter Identification of Optimized Fractional Maximum Power Point Tracking for Thermoelectric Generation Systems Using Manta Ray Foraging Optimization. <i>Mathematics</i> , 2021, 9, 2971.	1.1	7
124	Optimization of PID controller with first order noise filter. , 2015, , .		6
125	Efficient FIR filter designs using constrained genetic algorithms based optimization. , 2016, , .		6
126	Time-Varying Pole-Radius IIR Multi-Notch Filters with Improved Performance. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 7101-7120.	1.7	6

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127	Enhancing the contrast of the grey-scale image based on meta-heuristic optimization algorithm. Soft Computing, 2022, 26, 6293-6315.	2.1	6
128	Architecture, performance and stability analysis of a formula-based fuzzy I ^F fuzzy P ^F fuzzy D controller. Soft Computing, 2011, 15, 517-531.	2.1	5
129	Online PI controller tuning for a nonlinear plant using genetic algorithm. , 2014, , .		5
130	Development of a Grey Wolf Optimizer Toolkit in LabVIEW ^{<sup>&#x2122;</sup>} . , 2015, , .		5
131	A Multiobjective Approach to Homography Estimation. Computational Intelligence and Neuroscience, 2016, 2016, 1-12.	1.1	5
132	Development of Ant Lion Optimizer toolkit in LabVIEW ^{â„¢} . , 2016, , .		5
133	Intelligent Ratio Control in Presence of Pneumatic Control Valve Stiction. Arabian Journal for Science and Engineering, 2016, 41, 677-689.	1.1	5
134	Study of optimization methods for tuning of PID gains for three link manipulator. , 2017, , .		5
135	Pneumatic control valve stiction modeling using artificial neural network. , 2017, , .		5
136	Parameters Identification of the Fractional-Order Permanent Magnet Synchronous Motor Models Using Chaotic Ensemble Particle Swarm Optimizer. Applied Sciences (Switzerland), 2021, 11, 1325.	1.3	5
137	Cuckoo search implementation in LabVIEW. , 2016, , .		4
138	Comments on "Development of an ANN-Based Linearization Technique for the VCO Thermistor Circuit" IEEE Sensors Journal, 2017, 17, 1187-1189.	2.4	4
139	Parameters Identification of Fractional Order Permanent Magnet Synchronous Motor Models Using Chaotic Meta-Heuristic Algorithms. , 2018, , 529-558.		4
140	Comparative study of BLF and QLF based backstepping controllers for active suspension system. , 2015, , .		3
141	A Competitive Swarm Algorithm for Image Segmentation Guided by Opposite Fuzzy Entropy. , 2020, , .		3
142	A nonlinear framework for stiction compensation in ratio control loop. ISA Transactions, 2020, 103, 319-342.	3.1	3
143	Control loop oscillation detection and quantification using PRONY method of IIR filter design and deep neural network. Journal of Intelligent and Fuzzy Systems, 2022, 42, 1141-1154.	0.8	3
144	Static models for implementing photovoltaic panels characteristics under various environmental conditions using improved gradient-based optimizer. Sustainable Energy Technologies and Assessments, 2022, 52, 102150.	1.7	3

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145	A Chaos-Infused Moth-Flame Optimizer. Arabian Journal for Science and Engineering, 2022, 47, 10769-10809.	1.7	3
146	A Review of the Use of Quasi-random Number Generators to Initialize the Population in Meta-heuristic Algorithms. Archives of Computational Methods in Engineering, 2022, 29, 5149-5184.	6.0	3
147	FPGA implementation of interpolation techniques for thermistor linearization. , 2015, , .		2
148	Development of Bat Algorithm toolkit in LabVIEW&sup>™</sup>, , 2015, , .		2
149	A teacher learning based optimization approach to tune backstepping controller for a single-link flexible-joint manipulator. , 2016, , .		2
150	Comments on "Development of an Intelligent Temperature Transducer". IEEE Sensors Journal, 2019, 19, 4734-4736.	2.4	2
151	Estimating the optimal parameters of solid oxide fuel cell-based circuit using <scp>parasitismâ€predation</scp> algorithm. International Journal of Energy Research, 2021, 45, 18018-18032.	2.2	2
152	Online tuning of fractional order PI controller using particle swarm optimization. , 2015, , .		1
153	A comparative study for flow control using SCIC and NPIC controllers. , 2017, , .		1
154	Comment on "Important notes on parameter estimation of solar photovoltaic cell", by Gnetchejo et al. [Energy Conversion and Management, https://doi.org/10.1016/j.enconman.2019.111870]. Energy Conversion and Management, 2019, 201, 112131.	4.4	1
155	Reply on "Reply to comment on Important notes on parameter estimation of solar photovoltaic cell", by Gnetchejo et al. [Energy Conversion and Management, https://doi.org/10.1016/j.enconman.2019.111870]. Energy Conversion and Management, 2019, 201, 112234.	4.4	1
156	Velocity and position forms of self-tuning Fuzzy PI controller applied to jacketed CSTR. , 2015, , .		0
157	Efficient 2 nd order full band digital IIR integrator design using Cuckoo search algorithm. , 2016, , .		0
158	An efficient 2 nd order HR digital differentiator design using cuckoo search algorithm. , 2017, , .		0
159	Enhancing Linearity of Voltage Controlled Oscillator Thermistor Signal Conditioning Circuit Using Linear Search. Journal of the Institution of Engineers (India): Series B, 2018, 99, 263-271.	1.3	0
160	A Forward Converter with Load Side Demagnetization Scheme. , 2019, , .		0
161	Converter/Inverter Topologies for Standalone and Grid-Connected PV Systems. Energy Systems in Electrical Engineering, 2021, , 35-80.	0.5	0
162	A Fractional-Order Dynamic Photovoltaic Model Parameters Estimation Based on Chaotic Meta-Heuristic Optimization Algorithms. Green Energy and Technology, 2021, , 15-45.	0.4	0

#	ARTICLE	IF	CITATIONS
163	Recent Approach Based Heterogeneous Comprehensive Learning Archimedes Optimization Algorithm for Identifying the Optimal Parameters of Different Fuel Cells. SSRN Electronic Journal, 0, , .	0.4	0