Dalia Yousri

List of Publications by Year
in descending order

163 papers	8,425 citations	53794 45 h-index	53230 85 g-index
163 all docs	163 docs citations	163 times ranked	4055 citing authors

#	Article	IF	Citations
1	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.	1.4	3
2	Improved Slime Mould Algorithm based on Firefly Algorithm for feature selection: A case study on QSAR model. Engineering With Computers, 2022, 38, 2407-2421.	6.1	47
3	Nature and Biologically Inspired Image Segmentation Techniques. Archives of Computational Methods in Engineering, 2022, 29, 1415-1442.	10.2	12
4	Fractional-order comprehensive learning marine predators algorithm for global optimization and feature selection. Knowledge-Based Systems, 2022, 235, 107603.	7.1	33
5	Breast cancer detection from thermal images using a Grunwald-Letnikov-aided Dragonfly algorithm-based deep feature selection method. Computers in Biology and Medicine, 2022, 141, 105027.	7.0	28
6	A Robust Fractional-Order PID Controller Based Load Frequency Control Using Modified Hunger Games Search Optimizer. Energies, 2022, 15, 361.	3.1	17
7	A modified Marine predators algorithm for solving single- and multi-objective combined economic emission dispatch problems. Computers and Industrial Engineering, 2022, 164, 107906.	6.3	25
8	An efficient multi-thresholding based COVID-19 CT images segmentation approach using an improved equilibrium optimizer. Biomedical Signal Processing and Control, 2022, 73, 103401.	5.7	50
9	Discrete fractional-order Caputo method to overcome trapping in local optima: Manta Ray Foraging Optimizer as a case study. Expert Systems With Applications, 2022, 192, 116355.	7.6	23
10	Optimal energy management of micro-grid using sparrow search algorithm. Energy Reports, 2022, 8, 758-773.	5.1	51
11	Modified marine predators algorithm for feature selection: case study metabolomics. Knowledge and Information Systems, 2022, 64, 261-287.	3.2	17
12	Modified Interactive Algorithm Based on Runge Kutta Optimizer for Photovoltaic Modeling: Justification Under Partial Shading and Varied Temperature Conditions. IEEE Access, 2022, 10, 20793-20815.	4.2	8
13	Boosting arithmetic optimization algorithm by sine cosine algorithm and levy flight distribution for solving engineering optimization problems. Neural Computing and Applications, 2022, 34, 8823-8852.	5.6	25
14	Hybridizing of Whale and Moth-Flame Optimization Algorithms to Solve Diverse Scales of Optimal Power Flow Problem. Electronics (Switzerland), 2022, 11, 831.	3.1	38
15	An efficient photovoltaic modeling using an Adaptive Fractional-order Archimedes Optimization Algorithm: Validation with partial shading conditions. Solar Energy, 2022, 236, 26-50.	6.1	9
16	Optimal adaptive fuzzy management strategy for fuel cell-based DC microgrid. Energy, 2022, 247, 123447.	8.8	23
17	Recent approach based heterogeneous comprehensive learning Archimedes optimization algorithm for identifying the optimal parameters of different fuel cells. Energy, 2022, 248, 123587.	8.8	14
18	Real-time bald eagle search approach for tracking the maximum generated power of wind energy conversion system. Energy, 2022, 249, 123661.	8.8	14

#	Article	IF	Citations
19	Static models for implementing photovoltaic panels characteristics under various environmental conditions using improved gradient-based optimizer. Sustainable Energy Technologies and Assessments, 2022, 52, 102150.	2.7	3
20	Managing the exchange of energy between microgrid elements based on multi-objective enhanced marine predators algorithm. AEJ - Alexandria Engineering Journal, 2022, 61, 8487-8505.	6.4	9
21	A Cox Proportional-Hazards Model Based on an Improved Aquila Optimizer with Whale Optimization Algorithm Operators. Mathematics, 2022, 10, 1273.	2.2	12
22	Enhancing the contrast of the grey-scale image based on meta-heuristic optimization algorithm. Soft Computing, 2022, 26, 6293-6315.	3.6	6
23	Optimal parameter identification of supercapacitor model using bald eagle search optimization algorithm. Journal of Energy Storage, 2022, 50, 104603.	8.1	9
24	Robust parameter estimation approach of Lithiumâ€ion batteries employing bald eagle search algorithm. International Journal of Energy Research, 2022, 46, 10564-10575.	4.5	15
25	A Chaosâ€“Infused Mothâ€“Flame Optimizer. Arabian Journal for Science and Engineering, 2022, 47, 10769-10809.	3.0	3
26	Efficient text document clustering approach using multi-search Arithmetic Optimization Algorithm. Knowledge-Based Systems, 2022, 248, 108833.	7.1	25
27	A new implementation of the MPPT based raspberry Pi embedded board for partially shaded photovoltaic system. Energy Reports, 2022, 8, 5603-5619.	5.1	13
28	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.	10.2	3
29	Optimal reconfiguration of shaded PV based system using African vultures optimization approach. AEJ - Alexandria Engineering Journal, 2022, 61, 12159-12185.	6.4	22
30	Parameters identification of solid oxide fuel cell for static and dynamic simulation using comprehensive learning dynamic multi-swarm marine predators algorithm. Energy Conversion and Management, 2021, 228, 113692.	9.2	40
31	A Grunwaldâ€“Letnikov based Manta ray foraging optimizer for global optimization and image segmentation. Engineering Applications of Artificial Intelligence, 2021, 98, 104105.	8.1	47
32	BEPO: A novel binary emperor penguin optimizer for automatic feature selection. Knowledge-Based Systems, 2021, 211, 106560.	7.1	165
33	Converter/Inverter Topologies for Standalone and Grid-Connected PV Systems. Engergy Systems in Electrical Engineering, 2021, , 35-80.	0.7	0
34	Fractional Calculus-Based Slime Mould Algorithm for Feature Selection Using Rough Set. IEEE Access, 2021, 9, 131625-131636.	4.2	10
35	A Fractional-Order Dynamic Photovoltaic Model Parameters Estimation Based on Chaotic Meta-Heuristic Optimization Algorithms. Green Energy and Technology, 2021, , 15-45.	0.6	0
36	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.	4.2	20

#	Article	IF	Citations
37	Parameters Identification of the Fractional-Order Permanent Magnet Synchronous Motor Models Using Chaotic Ensemble Particle Swarm Optimizer. Applied Sciences (Switzerland), 2021, 11, 1325.	2.5	5
38	Improved ANFIS model for forecasting Wuhan City Air Quality and analysis COVID-19 lockdown impacts on air quality. Environmental Research, 2021, 194, 110607.	7.5	66
39	COVID-19 X-ray images classification based on enhanced fractional-order cuckoo search optimizer using heavy-tailed distributions. Applied Soft Computing Journal, 2021, 101, 107052.	7.2	74
40	Automatic selection of heavy-tailed distributions-based synergy Henry gas solubility and Harris hawk optimizer for feature selection: case study drug design and discovery. Artificial Intelligence Review, 2021, 54, 4685-4730.	15.7	10
41	A hybrid Harris hawks-moth-flame optimization algorithm including fractional-order chaos maps and evolutionary population dynamics. Advances in Engineering Software, 2021, 154, 102973.	3.8	42
42	Efficient fractional-order modified Harris hawks optimizer for proton exchange membrane fuel cell modeling. Engineering Applications of Artificial Intelligence, 2021, 100, 104193.	8.1	35
43	Enhanced Marine Predators Algorithm for identifying static and dynamic Photovoltaic models parameters. Energy Conversion and Management, 2021, 236, 113971.	9.2	42
44	Minimum hydrogen consumption based control strategy of fuel cell/PV/battery/supercapacitor hybrid system using recent approach based parasitism-predation algorithm. Energy, 2021, 225, 120316.	8.8	29
45	Social Media Toxicity Classification Using Deep Learning: Real-World Application UK Brexit. Electronics (Switzerland), 2021, 10, 1332.	3.1	41
46	Estimating the optimal parameters of solid oxide fuel cellâ€based circuit using ‹scp›parasitismâ€predation‹/scp› algorithm. International Journal of Energy Research, 2021, 45, 18018-18032.	4.5	2
47	Aquila Optimizer: A novel meta-heuristic optimization algorithm. Computers and Industrial Engineering, 2021, 157, 107250.	6.3	1,209
48	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.	6.1	49
49	Classification of Apple Disease Based on Non-Linear Deep Features. Applied Sciences (Switzerland), 2021, 11, 6422.	2.5	23
50	Boosting Arithmetic Optimization Algorithm with Genetic Algorithm Operators for Feature Selection: Case Study on Cox Proportional Hazards Model. Mathematics, 2021, 9, 2321.	2.2	55
51	Modified Artificial Ecosystem-Based Optimization for Multilevel Thresholding Image Segmentation. Mathematics, 2021, 9, 2363.	2.2	26
52	An Electric Fish-Based Arithmetic Optimization Algorithm for Feature Selection. Entropy, 2021, 23, 1189.	2.2	35
53	A reliable approach for modeling the photovoltaic system under partial shading conditions using three diode model and hybrid marine predators-slime mould algorithm. Energy Conversion and Management, 2021, 243, 114269.	9.2	35
54	A multimodal hierarchical approach to speech emotion recognition from audio and text. Knowledge-Based Systems, 2021, 229, 107316.	7.1	40

#	Article	IF	Citations
55	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.	2.7	15
56	A new comprehensive learning marine predator algorithm for extracting the optimal parameters of supercapacitor model. Journal of Energy Storage, 2021, 42, 103035.	8.1	13
57	Quantum marine predators algorithm for addressing multilevel image segmentation. Applied Soft Computing Journal, 2021, 110, 107598.	7.2	29
58	Gradient-Based Optimizer for Parameter Extraction in Photovoltaic Models. IEEE Access, 2021, 9, 13403-13416.	4.2	78
59	Boosting Atomic Orbit Search Using Dynamic-Based Learning for Feature Selection. Mathematics, 2021, 9, 2786.	2.2	13
60	Parameter Identification of Optimized Fractional Maximum Power Point Tracking for Thermoelectric Generation Systems Using Manta Ray Foraging Optimization. Mathematics, 2021, 9, 2971.	2.2	7
61	EWOA-OPF: Effective Whale Optimization Algorithm to Solve Optimal Power Flow Problem. Electronics (Switzerland), 2021, 10, 2975.	3.1	58
62	An improved runner-root algorithm for solving feature selection problems based on rough sets and neighborhood rough sets. Applied Soft Computing Journal, 2020, 97, 105517.	7.2	25
63	A novel life choice-based optimizer. Soft Computing, 2020, 24, 9121-9141.	3.6	33
64	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.	2.3	13
65	A novel objective function with artificial ecosystem-based optimization for relieving the mismatching power loss of large-scale photovoltaic array. Energy Conversion and Management, 2020, 225, 113385.	9.2	77
66	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.	4.2	98
67	Fractional LÃ©vy flight bat algorithm for global optimisation. International Journal of Bio-Inspired Computation, 2020, 15, 100.	0.9	22
68	Identifying the parameters of different configurations of photovoltaic models based on recent artificial ecosystemâ€based optimization approach. International Journal of Energy Research, 2020, 44, 11302-11322.	4.5	29
69	Reliable applied objective for identifying simple and detailed photovoltaic models using modern metaheuristics: Comparative study. Energy Conversion and Management, 2020, 223, 113279.	9.2	63
70	Multi-Objective Grey Wolf Optimizer for Optimal Design of Switching Matrix for Shaded PV array Dynamic Reconfiguration. IEEE Access, 2020, 8, 159931-159946.	4.2	62
71	COVID-19 image classification using deep features and fractional-order marine predators algorithm. Scientific Reports, 2020, 10, 15364.	3.3	182
72	Hybrid Harris hawks optimization with cuckoo search for drug design and discovery in chemoinformatics. Scientific Reports, 2020, 10, 14439.	3.3	73

#	Article	IF	Citations
73	A Competitive Swarm Algorithm for Image Segmentation Guided by Opposite Fuzzy Entropy. , 2020, , .		3
74	A Novel Application of Improved Marine Predators Algorithm and Particle Swarm Optimization for Solving the ORPD Problem. Energies, 2020, 13, 5679.	3.1	42
75	A nonlinear framework for stiction compensation in ratio control loop. ISA Transactions, 2020, 103, 319-342.	5.7	3
76	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.	3.0	13
77	Fractional chaos maps with flower pollination algorithm for chaotic systemsâ€™ parameters identification. Neural Computing and Applications, 2020, 32, 16291-16327.	5.6	9
78	Photovoltaic Array Reconfiguration System for Maximizing the Harvested Power Using Population-Based Algorithms. IEEE Access, 2020, 8, 109608-109624.	4.2	69
79	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.	4.2	117
80	Parameters identification of photovoltaic cell models using enhanced exploratory salp chains-based approach. Energy, 2020, 198, 117333.	8.8	106
81	Multi-Level Image Thresholding Based on Modified Spherical Search Optimizer and Fuzzy Entropy. Entropy, 2020, 22, 328.	2.2	29
82	A robust global MPPT to mitigate partial shading of triple-junction solar cell-based system using manta ray foraging optimization algorithm. Solar Energy, 2020, 207, 305-316.	6.1	68
83	Static and dynamic reconfiguration approaches for mitigation of partial shading influence in photovoltaic arrays. Sustainable Energy Technologies and Assessments, 2020, 40, 100738.	2.7	50
84	Optimal photovoltaic array reconfiguration for alleviating the partial shading influence based on a modified harris hawks optimizer. Energy Conversion and Management, 2020, 206, 112470.	9.2	127
85	Fractional chaotic ensemble particle swarm optimizer for identifying the single, double, and three diode photovoltaic modelsâ€™ parameters. Energy, 2020, 195, 116979.	8.8	118
86	Fractional-order calculus-based flower pollination algorithm with local search for global optimization and image segmentation. Knowledge-Based Systems, 2020, 197, 105889.	7.1	65
87	An efficient Harris hawks-inspired image segmentation method. Expert Systems With Applications, 2020, 155, 113428.	7.6	130
88	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.	8.1	57
89	Recent methodology based Harris Hawks optimizer for designing load frequency control incorporated in multi-interconnected renewable energy plants. Sustainable Energy, Grids and Networks, 2020, 22, 100352.	3.9	77
90	Optimal integral minus proportional derivative controller design by evolutionary algorithm for thermalâ€renewable energyâ€hybrid power systems. IET Renewable Power Generation, 2019, 13, 2000-2012.	3.1	34

#	Article	IF	Citations
91	Multilevel thresholding by fuzzy type II sets using evolutionary algorithms. Swarm and Evolutionary Computation, 2019, 51, 100591.	8.1	27
92	A Novel Chaotic Flower Pollination Algorithm for Global Maximum Power Point Tracking for Photovoltaic System Under Partial Shading Conditions. IEEE Access, 2019, 7, 121432-121445.	4.2	84
93	Fractional Chaos Maps with Flower Pollination Algorithm for Partial Shading Mitigation of Photovoltaic Systems. Energies, 2019, 12, 3548.	3.1	48
94	Static and dynamic photovoltaic modelsâ€™ parameters identification using Chaotic Heterogeneous Comprehensive Learning Particle Swarm Optimizer variants. Energy Conversion and Management, 2019, 182, 546-563.	9.2	140
95	Multi-level thresholding-based grey scale image segmentation using multi-objective multi-verse optimizer. Expert Systems With Applications, 2019, 125, 112-129.	7.6	81
96	Hybrid Grasshopper Optimization Algorithm and Differential Evolution for Multilevel Satellite Image Segmentation. Remote Sensing, 2019, 11, 1134.	4.0	52
97	Dynamic Harris Hawks Optimization with Mutation Mechanism for Satellite Image Segmentation. Remote Sensing, 2019, 11, 1421.	4.0	144
98	A review on meta-heuristics methods for estimating parameters of solar cells. Journal of Power Sources, 2019, 435, 126683.	7.8	138
99	Efficient control of a 3-link planar rigid manipulator using self-regulated fractional-order fuzzy PID controller. Applied Soft Computing Journal, 2019, 82, 105531.	7.2	12
100	Parameter extraction of fuel cells using hybrid interior search algorithm. International Journal of Energy Research, 2019, 43, 2854-2880.	4.5	26
101	Masi Entropy for Satellite Color Image Segmentation Using Tournament-Based LÃ©vy Multiverse Optimization Algorithm. Remote Sensing, 2019, 11, 942.	4.0	23
102	An opposition-based social spider optimization for feature selection. Soft Computing, 2019, 23, 13547-13567.	3.6	41
103	A Novel<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e1336" altimg="si143.gif"><mml:mfrac><mml:mrow><mml:mi>d</mml:mi><mml:mi>P</mml:mi></mml:mrow><mml:mrow><mml:mi>d</mml:mi> based control scheme using GWO tuned PID controller for efficient MPPT of PEM fuel cell. ISA Transactions, 2019, 93, 312-324.	5.7	46
104	A novel approach to parameter estimation of photovoltaic systems using hybridized optimizer. Energy Conversion and Management, 2019, 187, 486-511.	9.2	92
105	Time-Varying Pole-Radius IIR Multi-Notch Filters with Improved Performance. Arabian Journal for Science and Engineering, 2019, 44, 7101-7120.	3.0	6
106	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. Microelectronics Journal, 2019, 87, 110-120.	2.0	26
107	Comment on â€œImportant notes on parameter estimation of solar photovoltaic cellâ€, by Gnetchejo et al. [Energy Conversion and Management, https://doi.org/10.1016/j.enconman.2019.111870]. Energy Conversion and Management, 2019, 201, 112131.	9.2	1
108	Reply on â€œReply to comment on Important notes on parameter estimation of solar photovoltaic cellâ€, by Gnetchejo et al. [Energy Conversion and Management, https://doi.org/10.1016/j.enconman.2019.111870]. Energy Conversion and Management, 2019, 201, 112234.	9.2	1

#	Article	IF	Citations
109	A Forward Converter with Load Side Demagnetization Scheme. , 2019, , .		0
110	Improved salp swarm algorithm based on particle swarm optimization for feature selection. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3155-3169.	4.9	258
111	Chaotic Flower Pollination and Grey Wolf Algorithms for parameter extraction of bio-impedance models. Applied Soft Computing Journal, 2019, 75, 750-774.	7.2	52
112	Parameter identification of fractional-order chaotic systems using different Meta-heuristic Optimization Algorithms. Nonlinear Dynamics, 2019, 95, 2491-2542.	5.2	46
113	Chaotic whale optimizer variants for parameters estimation of the chaotic behavior in Permanent Magnet Synchronous Motor. Applied Soft Computing Journal, 2019, 74, 479-503.	7.2	66
114	Comments on â€œDevelopment of an Intelligent Temperature Transducerâ€• IEEE Sensors Journal, 2019, 19, 4734-4736.	4.7	2
115	Efficient control of integrated power system using self-tuned fractional-order fuzzy PID controller. Neural Computing and Applications, 2019, 31, 4137-4155.	5.6	30
116	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.	1.9	0
117	FPGA Implementation of Steinhartâ€“Hart Equation for Accurate Thermistor Linearization. IEEE Sensors Journal, 2018, 18, 2260-2267.	4.7	18
118	Self-tuned robust fractional order fuzzy PD controller for uncertain and nonlinear active suspension system. Neural Computing and Applications, 2018, 30, 1827-1843.	5.6	45
119	Parameter estimation of solar cells diode models by an improved opposition-based whale optimization algorithm. Energy Conversion and Management, 2018, 171, 1843-1859.	9.2	215
120	Parameters Identification of Fractional Order Permanent Magnet Synchronous Motor Models Using Chaotic Meta-Heuristic Algorithms. , 2018, , 529-558.		4
121	Image segmentation via multilevel thresholding using hybrid optimization algorithms. Journal of Electronic Imaging, 2018, 27, 1.	0.9	24
122	A robust fractional order fuzzy P + fuzzy I + fuzzy D controller for nonlinear and uncertain system. International Journal of Automation and Computing, 2017, 14, 474-488.	4.5	28
123	Comments on â€œDevelopment of an ANN-Based Linearization Technique for the VCO Thermistor Circuitâ€• IEEE Sensors Journal, 2017, 17, 1187-1189.	4.7	4
124	An educational laboratory virtual instrumentation suite assisted experiment for studying fundamentals of series resistanceâ€“inductanceâ€“capacitance circuit. European Journal of Engineering Education, 2017, 42, 1220-1239.	2.3	7
125	Parameter estimation of photovoltaic cells using an improved chaotic whale optimization algorithm. Applied Energy, 2017, 200, 141-154.	10.1	491
126	Biological inspired optimization algorithms for cole-impedance parameters identification. AEU - International Journal of Electronics and Communications, 2017, 78, 79-89.	2.9	80

#	Article	IF	Citations
127	Study of optimization methods for tuning of PID gains for three link manipulator. , 2017, , .		5
128	An improved Opposition-Based Sine Cosine Algorithm for global optimization. Expert Systems With Applications, 2017, 90, 484-500.	7.6	325
129	A Hybrid Method of Sine Cosine Algorithm and Differential Evolution for Feature Selection. Lecture Notes in Computer Science, 2017, , 145-155.	1.3	43
130	Nonlinear adaptive fractional order fuzzy PID control of a 2-link planar rigid manipulator with payload. Journal of the Franklin Institute, 2017, 354, 993-1022.	3.4	62
131	Efficient Modeling of Linear Discrete Filters Using Ant Lion Optimizer. Circuits, Systems, and Signal Processing, 2017, 36, 1535-1568.	2.0	22
132	An efficient 2ndorder HR digital differentiator design using cuckoo search algorithm. , 2017, , .		0
133	Pneumatic control valve stiction modeling using artificial neural network. , 2017, , .		5
134	A comparative study for flow control using SCIC and NPIC controllers. , 2017, , .		1
135	A Chaotic Improved Artificial Bee Colony for Parameter Estimation of Photovoltaic Cells. Energies, 2017, 10, 865.	3.1	88
136	Feature Selection Based on Improved Runner-Root Algorithm Using Chaotic Singer Map and Opposition-Based Learning. Lecture Notes in Computer Science, 2017, , 156-166.	1.3	21
137	A Multiobjective Approach to Homography Estimation. Computational Intelligence and Neuroscience, 2016, 2016, 1-12.	1.7	5
138	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.	9.2	267
139	Efficient 2ndorder full band digital IIR integrator design using Cuckoo search algorithm. , 2016, , .		0
140	Efficient FIR filter designs using constrained genetic algorithms based optimization. , 2016, , .		6
141	A teacher learning based optimization approach to tune backstepping controller for a single-link flexible-joint manipulator. , 2016, , .		2
142	Development of Ant Lion Optimizer toolkit in LabVIEWâ„¢. , 2016, , .		5
143	Cuckoo search implementation in LabVIEW. , 2016, , .		4
144	Some investigations on hybrid fuzzy IPD controllers for proportional and derivative kick suppression. International Journal of Automation and Computing, 2016, 13, 516-528.	4.5	10

#	Article	IF	Citations
145	Intelligent Ratio Control in Presence of Pneumatic Control Valve Stiction. Arabian Journal for Science and Engineering, 2016, 41, 677-689.	1.1	5
146	Efficient Design of Discrete Fractional-Order Differentiators Using Nelderâ€“Mead Simplex Algorithm. Circuits, Systems, and Signal Processing, 2016, 35, 2155-2188.	2.0	30
147	Velocity and position forms of self-tuning Fuzzy PI controller applied to jacketed CSTR. , 2015, , .		0
148	Comparative study of BLF and QLF based backstepping controllers for active suspension system. , 2015, , .		3
149	Optimization of PID controller with first order noise filter. , 2015, , .		6
150	Comparative study of some optimization techniques applied to Jacketed CSTR control. , 2015, , .		11
151	Efficient IIR notch filter design using Minimax optimization for 50Hz noise suppression in ECG. , 2015, , .		24
152	FPGA implementation of interpolation techniques for thermistor linearization. , 2015, , .		2
153	Flower Pollination Algorithm based solar PV parameter estimation. Energy Conversion and Management, 2015, 101, 410-422.	9.2	362
154	An online tuned novel nonlinear PI controller for stiction compensation in pneumatic control valves. ISA Transactions, 2015, 58, 434-445.	5.7	29
155	Online tuning of fractional order PI controller using particle swarm optimization. , 2015, , .		1
156	Development of Bat Algorithm toolkit in LabVIEW™. , 2015, , .		2
157	Development of a Grey Wolf Optimizer Toolkit in LabVIEW™. , 2015, , .		5
158	Online PI controller tuning for a nonlinear plant using genetic algorithm. , 2014, , .		5
159	Comparative study of some optimization techniques applied to DC motor control. , 2014, , .		21
160	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
161	Some investigations on fuzzy P + fuzzy I + fuzzy D controller for non-stationary process. International Journal of Automation and Computing, 2012, 9, 449-458.	4.5	7
162	Architecture, performance and stability analysis of a formula-based fuzzy IÂâˆ’Âfuzzy PÂâˆ’Âfuzzy D controller. Soft Computing, 2011, 15, 517-531.	3.6	5

#	Article	IF	Citations
163	Recent Approach Based Heterogeneous Comprehensive LearningÂArchimedes Optimization Algorithm for Identifying the OptimalÂParameters of Different Fuel Cells. SSRN Electronic Journal, 0, , .	0.4	0