CITATION REPORT List of articles citing



DOI: 10.1016/j.cor.2011.09.026 Computers and Operations Research, 2013, 40, 1616-1624.

Source: https://exaly.com/paper-pdf/55786012/citation-report.pdf

Version: 2024-04-19

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
619	Eagle strategy with flower algorithm. 2013,		5
618	Cuckoo Search: A new nature-inspired optimization method for phase equilibrium calculations. 2013 , 337, 191-200		89
617	Metaheuristic Optimization: Nature-Inspired Algorithms and Applications. 2013 , 405-420		14
616	Bat Algorithm and Cuckoo Search: A Tutorial. 2013 , 421-434		14
615	Engineering Optimization and Industrial Applications. 2013 , 393-412		
614	A framework for self-tuning optimization algorithm. 2013 , 23, 2051-2057		64
613	A comprehensive review of cuckoo search: variants and hybrids. 2013 , 4, 387		49
612	Identification of Unknown Parameters and Orders via Cuckoo Search Oriented Statistically by Differential Evolution for Noncommensurate Fractional-Order Chaotic Systems. 2013 , 2013, 1-19		8
611	Determining Optimal Link Capacity Expansions in Road Networks Using Cuckoo Search Algorithm with Lūy Flights. 2013 , 2013, 1-11		14
610	Optimisation of scaling factors in electrocardiogram signal watermarking using cuckoo search. 2013 , 5, 315		115
609	Component sizing of a plug-in hybrid electric vehicle powertrain, Part A: coupling bio-inspired techniques to meshless variable-fidelity surrogate models. 2013 , 5, 350		10
608	True global optimality of the pressure vessel design problem: a benchmark for bio-inspired optimisation algorithms. 2013 , 5, 329		16
607	A novel complex valued cuckoo search algorithm. 2013 , 2013, 597803		20
606	Parameter Optimization via Cuckoo Optimization Algorithm of Fuzzy Controller for Liquid Level Control. 2013 , 2013, 1-7		19
605	An improved marriage in honey bees optimization algorithm for single objective unconstrained optimization. 2013 , 2013, 370172		8
604	A prefiltered cuckoo search algorithm with geometric operators for solving Sudoku problems. 2014 , 2014, 465359		11
603	PCB drill path optimization by combinatorial cuckoo search algorithm. 2014 , 2014, 264518		16

602	Non-dominated sorting cuckoo search for multiobjective optimization. 2014,	6
601	A hybrid cuckoo search and variable neighborhood descent for single and multiobjective scheduling problems. 2014 , 75, 1501-1516	10
600	Multi-Objective Cuckoo Search with Leader Selection Strategies. 2014 , 421-432	4
599	AN ADAPTED CUCKOO OPTIMIZATION ALGORITHM AND GENETIC ALGORITHM APPROACH TO THE UNIVERSITY COURSE TIMETABLING PROBLEM. 2014 , 13, 1450002	7
598	A Thermodynamical Selection-Based Discrete Differential Evolution for the 0-1 Knapsack Problem. 2014 , 16, 6263-6285	10
597	A levy flight-based hybrid artificial bee colony algorithm for solving numerical optimization problems. 2014 ,	1
596	. 2014,	4
595	Cuckoo Search: A Brief Literature Review. 2014 , 49-62	60
594	Cascaded evolutionary multiobjective identification based on correlation function statistical tests for improving velocity analyzes in swimming. 2014 ,	
593	Parameter estimation for chaotic systems using a hybrid adaptive cuckoo search with simulated annealing algorithm. 2014 , 24, 013133	26
592	A survey on nature inspired metaheuristic algorithms for partitional clustering. 2014 , 16, 1-18	330
591	Swarm intelligence based algorithms: a critical analysis. 2014 , 7, 17-28	108
590	Cuckoo Search. 2014 , 129-139	15
589	Multi-Objective Optimization. 2014 , 197-211	13
588	On a cuckoo search optimization approach towards feedback system identification. 2014 , 32, 156-163	51
587	Cuckoo Search and Firefly Algorithm: Overview and Analysis. 2014 , 1-26	40
586	Multi-Objective Optimization of a Real-World Manufacturing Process Using Cuckoo Search. 2014 , 179-193	6
585	Bat algorithm based on simulated annealing and Gaussian perturbations. 2014 , 25, 459-468	38

584	Cuckoo Inspired Algorithms. 2014 , 105-121	3
583	Analysis of Algorithms. 2014 , 23-44	11
582	The Cuckoo Search Algorithm Based on Dynamic Grouping to Adjust Flight Scale. 2014 , 543-547, 1822-1826	4
581	A Framework for Self-Tuning Algorithms. 2014 , 175-182	2
580	Applications and analysis of bio-inspired eagle strategy for engineering optimization. 2014 , 25, 411-420	7
579	A novel particle swarm optimization algorithm with Levy flight. 2014 , 23, 333-345	209
578	Cuckoo Search Algorithm for Optimization Problems Literature Review and its Applications. 2014 , 28, 419-448	68
577	Computational Optimization, Modelling and Simulation: Past, Present and Future. 2014 , 29, 754-758	11
576	Modeling and optimization of turning duplex stainless steels. 2014 , 16, 451-467	42
575	Cuckoo search: recent advances and applications. 2014 , 24, 169-174	585
574	Multiobjective Cuckoo Search Applied to Radial Basis Function Neural Networks Training for System Identification. 2014 , 47, 2539-2544	6
573	Cuckoo search algorithm and its application for secondary protein structure prediction. 2015,	3
572	Improved quantum-inspired cuckoo search algorithm based on self-adapting adjusting of search range. 2015 , 7, 152	2
571	A comprehensive assessment of maximum power point tracking techniques under uniform and non-uniform irradiance and its impact on photovoltaic systems: A review. 2015 , 7, 063113	16
570	Bioinspired multiobjective synthesis of X-band FSS via general regression neural network and cuckoo search algorithm. 2015 , 57, 2400-2405	14
569	A comprehensive review of swarm optimization algorithms. 2015 , 10, e0122827	222
568	Multiobjective Optimization Method Based on Adaptive Parameter Harmony Search Algorithm. 2015 , 2015, 1-12	9
567	Cuckoo Search Algorithm Based on Repeat-Cycle Asymptotic Self-Learning and Self-Evolving Disturbance for Function Optimization. 2015 , 2015, 374873	8

(2015-2015)

566	Feature Selection and Recognition of Face by using Hybrid Chaotic PSO-BFO and Appearance-Based Recognition Algorithms. 2015 , 5, 26-53	8
565	A self adaptive hybrid enhanced artificial bee colony algorithm for continuous optimization problems. 2015 , 132-133, 43-53	13
564	Performance analysis and feasibility study of ant colony optimization, particle swarm optimization and cuckoo search algorithms for inverse heat transfer problems. 2015 , 89, 359-378	53
563	Irreversibility analysis for optimization design of plate fin heat exchangers using a multi-objective cuckoo search algorithm. 2015 , 101, 126-135	57
562	Multi Objective Cuckoo Search Optimization for Fast Moving Inventory Items. 2015, 503-510	4
561	Nature-Inspired Algorithms: Success and Challenges. 2015 , 129-143	7
560	Co-operation of Biology Related Algorithms for Multi-objective Binary Optimization. 2015,	2
559	Optimizing neural network classification by using the Cuckoo algorithm. 2015 ,	1
558	Butterfly algorithm with LNy Flights for global optimization. 2015 ,	21
557	Efficient detection of faulty nodes with cuckoo search in t-diagnosable systems. 2015 , 29, 52-64	7
556	Swarm Intelligence and Evolutionary Computation: Overview and Analysis. 2015, 1-23	13
555	A Discrete Inter-Species Cuckoo Search for flowshop scheduling problems. <i>Computers and Operations Research</i> , 2015 , 60, 111-120	35
554	Optimization of Control Systems by Cuckoo Search. 2015 , 113-122	3
553	Cuckoo Search via L\(\textbf{U}\)y Flights and a Comparison with Genetic Algorithms. 2015 , 91-103	10
552	Design of Multi-channel Cosine-Modulated Filter Bank Based on Fractional Derivative Constraints Using Cuckoo Search Algorithm. 2015 , 34, 3325-3351	24
551	Multi objective optimization of horizontal axis tidal current turbines, using Meta heuristics algorithms. 2015 , 103, 487-498	24
550	Hybrid method for designing digital FIR filters based on fractional derivative constraints. 2015 , 58, 493-508	23
549	Design of quadrature mirror filter bank using polyphase components based on optimal fractional derivative constraints. 2015 , 69, 1254-1264	12

 $\,$ Complex Systems Design & Management. 2015,

547	Cuckoo Search algorithm based load frequency controller design for nonlinear interconnected power system. 2015 , 73, 632-643	115
546	Cuckoo search with varied scaling factor. 2015 , 9, 623-635	33
545	A design method of fractional order PIDIzontroller for higher order systems. 2015,	1
544	Multi-Objective Optimization for Sizing of Distributed Generation Using Cuckoo Search Algorithm. 2015 , 785, 34-37	3
543	Applicability of Cuckoo Search Algorithm for the Prediction of Multicomponent Liquid[liquid Equilibria for Imidazolium and Phosphonium Based Ionic Liquids. 2015 , 54, 12393-12407	1
542	Cuckoo search-based T-S fuzzy identification of nonlinear systems. 2015 ,	
541	Design of two-channel filter bank using nature inspired optimization based fractional derivative constraints. 2015 , 54, 101-16	37
540	Random-key cuckoo search for the travelling salesman problem. 2015 , 19, 1099-1106	48
539	Vulnerabilities and mitigation techniques toning in the cloud. 2015 , 48, 1-18	26
538	Capacitor placement of distribution systems using particle swarm optimization approaches. 2015 , 64, 839-851	65
537	A hybrid cuckoo search-genetic algorithm for hole-making sequence optimization. 2016 , 27, 417-429	33
536	An orthogonal-design hybrid particle swarm optimiser with application to capacitated facility location problem. 2016 , 8, 268	11
535	Cuckoo Search Algorithm with Hybrid Factor Using Dimensional Distance. 2016 , 2016, 1-11	4
534	Performance Comparison of Cuckoo Search Algorithm to Solve the Hybrid Flow Shop Scheduling Benchmark Problems with Makespan Criterion. 2016 , 7, 1-14	4
533	Hybrid BFO and PSO Swarm Intelligence Approach for Biometric Feature Optimization. 2016 , 7, 36-62	9
532	Inversion for Refractivity Parameters Using a Dynamic Adaptive Cuckoo Search with Crossover Operator Algorithm. 2016 , 2016, 3208724	2
531	A Cuckoo Search Algorithm with Complex Local Search Method for Solving Engineering Structural Optimization Problem. 2016 , 40, 09009	3

(2016-2016)

530	A Multi-Verse Optimizer with Levy Flights for Numerical Optimization and Its Application in Test Scheduling for Network-on-Chip. 2016 , 11, e0167341	29
529	Hybridizing Cuckoo Search with Bio-inspired Algorithms for Constrained Optimization Problems. 2016 , 260-273	3
528	Design of two channel multiplierless filterbank using common sub-expression elimination. 2016,	1
527	Digital IIR filter design with controlled ripple using cuckoo search algorithm. 2016,	3
526	The adaption of the Cuckoo search algorithm applied in the LEACH-C protocol. 2016,	
525	A rainfall estimation method based on RBFNN. 2016 ,	
524	Bayesian Parameter Estimation of Weibull Mixtures Using Cuckoo Search. 2016,	2
523	Camera Calibration Based on Self-Adaptive Cuckoo Search Algorithm. 2016,	1
522	Analytical review of three latest nature inspired algorithms for scheduling in clouds. 2016,	5
521	A New Multiple Objective Cuckoo Search for University Course Timetabling Problem. 2016 , 196-207	5
521 520	A New Multiple Objective Cuckoo Search for University Course Timetabling Problem. 2016 , 196-207 Improving the refueling cycle of a WWER-1000 using cuckoo search method and thermal-neutronic coupling of PARCS v2.7, COBRA-EN and WIMSD-5B codes. 2016 , 310, 247-257	5
	Improving the refueling cycle of a WWER-1000 using cuckoo search method and thermal-neutronic	
520	Improving the refueling cycle of a WWER-1000 using cuckoo search method and thermal-neutronic coupling of PARCS v2.7, COBRA-EN and WIMSD-5B codes. 2016 , 310, 247-257	
520 519	Improving the refueling cycle of a WWER-1000 using cuckoo search method and thermal-neutronic coupling of PARCS v2.7, COBRA-EN and WIMSD-5B codes. 2016 , 310, 247-257 Backtracking search optimization algorithm for fluid-structure interaction problems. 2016 ,	10
520 519 518	Improving the refueling cycle of a WWER-1000 using cuckoo search method and thermal-neutronic coupling of PARCS v2.7, COBRA-EN and WIMSD-5B codes. 2016 , 310, 247-257 Backtracking search optimization algorithm for fluid-structure interaction problems. 2016 , Parameter estimation of weibull mixtures based on improved cuckoo search algorithm. 2016 ,	10
520 519 518	Improving the refueling cycle of a WWER-1000 using cuckoo search method and thermal-neutronic coupling of PARCS v2.7, COBRA-EN and WIMSD-5B codes. 2016, 310, 247-257 Backtracking search optimization algorithm for fluid-structure interaction problems. 2016, Parameter estimation of weibull mixtures based on improved cuckoo search algorithm. 2016, Hybrid self-adaptive cuckoo search for global optimization. 2016, 29, 47-72	10 1 76
520 519 518 517 516	Improving the refueling cycle of a WWER-1000 using cuckoo search method and thermal-neutronic coupling of PARCS v2.7, COBRA-EN and WIMSD-5B codes. 2016, 310, 247-257 Backtracking search optimization algorithm for fluid-structure interaction problems. 2016, Parameter estimation of weibull mixtures based on improved cuckoo search algorithm. 2016, Hybrid self-adaptive cuckoo search for global optimization. 2016, 29, 47-72 Structural damage identification based on cuckoo search algorithm. 2016, 19, 849-859 Performance of optimal hierarchical type 2 fuzzy controller for loadfrequency system with	10 1 76 29

512	A Symbiotic Organisms Search algorithm with adaptive penalty function to solve multi-objective constrained optimization problems. 2016 , 46, 344-360	106
511	A Cuckoo Search-Support Vector Machine Model for Predicting Dynamic Measurement Errors of Sensors. 2016 , 4, 5030-5037	32
510	Association rule hiding using cuckoo optimization algorithm. 2016 , 64, 340-351	22
509	Multi-Objective Cuckoo Search Under Multiple Archiving Strategies. 2016 , 15, 1650020	1
508	Nearest neighbour cuckoo search algorithm with probabilistic mutation. 2016 , 49, 498-509	30
507	From Swarm Intelligence to Metaheuristics: Nature-Inspired Optimization Algorithms. 2016 , 49, 52-59	43
506	A Novel Hybrid Cuckoo Search Algorithm with Global Harmony Search for 0-1 Knapsack Problems. 2016 , 9, 1174-1190	30
505	Generalized net model of Cuckoo search algorithm. 2016 ,	6
504	. 2016,	
503	Nonlinear load-frequency control: An approach using optimized hierarchical fuzzy systems. 2016 ,	1
502	Evolutionary extreme learning machine for energy price forecasting. 2016 , 20, 75-96	5
501	Swarm Intelligence: Today and Tomorrow. 2016 ,	3
500	Using Ant Colony Optimization and Cuckoo Search in AUV 3D Path Planning. 2016,	3
499	Performance of swarm based optimization techniques for designing digital FIR filter: A comparative study. 2016 , 19, 1564-1572	14
498	A hybrid cuckoo search algorithm with Nelder Mead method for solving global optimization problems. 2016 , 5, 473	24
497	Optimization of interval type-2 fuzzy systems for image edge detection. 2016 , 47, 631-643	113
496	Chaos-enhanced Cuckoo search optimization algorithms for global optimization. 2016 , 40, 3860-3875	94

494	Nature-Inspired Optimization Algorithms in Engineering: Overview and Applications. 2016, 1-20	16
493	Multi-objective Colliding Bodies Optimization. 2016 , 651-664	6
492	Optimal location of STATCOM in multimachine power system for increasing loadability by Cuckoo Search algorithm. 2016 , 80, 240-251	43
49 ¹	Assessing the suitability of hybridizing the Cuckoo optimization algorithm with ANN and ANFIS techniques to predict daily evaporation. 2016 , 75, 1	22
490	Cuckoo Search and Particle Filter-Based Inversing Approach to Estimating Defects via Magnetic Flux Leakage Signals. 2016 , 52, 1-11	55
489	A multi-objective discrete cuckoo search algorithm with local search for community detection in complex networks. 2016 , 30, 1650080	16
488	A Novel Relevance Vector Machine Classifier with Cuckoo Search Optimization for Spatial Prediction of Landslides. 2016 , 30, 04016001	42
4 ⁸ 7	An efficient modified harmony search algorithm with intersect mutation operator and cellular local search for continuous function optimization problems. 2016 , 44, 725-753	29
486	A review of maximum power point tracking methods of PV power system at uniform and partial shading. 2016 , 53, 1500-1507	94
485	A novel approach for optimization in dynamic environments based on modified cuckoo search algorithm. 2016 , 20, 2889-2903	10
484	Optimal Power System Stabilizers design via Cuckoo Search algorithm. 2016 , 75, 99-107	83
483	A Cuckoo Search Algorithm With Elite Opposition-Based Strategy. 2016 , 25, 567-593	9
482	Improving the multiobjective evolutionary algorithm based on decomposition with new penalty schemes. 2017 , 21, 4677-4691	38
481	Multi-objective optimization of a mixture inventory system using a MOPSOIIOPSIS hybrid approach. 2017 , 39, 555-566	7
480	Multi-objective simulation optimization for selection and determination of order quantity in supplier selection problem under uncertainty and quality criteria. 2017 , 93, 161-173	13
479	A multiobjective discrete cuckoo search algorithm for community detection in dynamic networks. 2017 , 21, 6641-6652	10
478	Performance evaluation of nature-inspired algorithms for the design of bored pile foundation by artificial neural networks. 2017 , 28, 289-298	8
477	Fractional order PID control design for semi-active control of smart base-isolated structures: A multi-objective cuckoo search approach. 2017 , 67, 222-232	73

476	Identification of eggs from different production systems based on hyperspectra and CS-SVM. 2017 , 58, 256-261	9
475	A comparison of different global MPPT techniques based on meta-heuristic algorithms for photovoltaic system subjected to partial shading conditions. 2017 , 74, 377-386	119
474	A survey on applications and variants of the cuckoo search algorithm. 2017 , 61, 1041-1059	151
473	Generating Distributed Query Plans Using Modified Cuckoo Search Algorithm. 2017 , 128-140	
472	Parameter Estimation of Nonlinear Systems by Dynamic Cuckoo Search. 2017 , 29, 1103-1123	7
471	Improving Optimization Efficiency for Reservoir Operation Using a Search Space Reduction Method. 2017 , 31, 1173-1190	33
470	A new modified independent modal space control approach toward control of seismic-excited structures. 2017 , 15, 4215-4243	15
469	Research on complex product design change propagation based on complex networks. 2017,	Ο
468	Non-dominated sorting moth flame optimization (NS-MFO) for multi-objective problems. 2017, 63, 20-32	58
467	Phase Equilibria in Ionic Liquid Facilitated Liquid Diquid Extractions. 2017 ,	14
466	Hybridization of Strength Pareto Multiobjective Optimization with Modified Cuckoo Search Algorithm for Rectangular Array. 2017 , 7, 46521	6
465	CSIPauckoo Search Inspired Protocol for Routing in Cognitive Radio Ad Hoc Networks. 2017, 145-153	2
464	Applying forward and reverse cross-docking in a multi-product integrated supply chain network. 2017 , 11, 495-509	9
463	MODCSA-CA: A multi objective diversity controlled self adaptive cuckoo algorithm for protein structure prediction. 2017 , 8, 100-106	2
462	Cuckoo search algorithm with membrane communication mechanism for modeling overhead crane systems using RBF neural networks. 2017 , 56, 458-471	24
461	Hybridizing cuckoo search algorithm with hill climbing for numerical optimization problems. 2017,	27
460	Modeling study of nonlinear dynamic soft sensors and robust parameter identification using swarm intelligent optimization CS-NLJ. 2017 , 58, 33-45	6
459	Deriving Operating Rules of Pumped Water Storage Using Multiobjective Optimization: Case Study of the Han to Wei Interbasin Water Transfer Project, China. 2017 , 143, 05017012	33

458	Design strategies for multi-objective optimization of aerodynamic surfaces. 2017 , 34, 1724-1753	9
457	A novel unsupervised Levy flight particle swarm optimization (ULPSO) method for multispectral remote-sensing image classification. 2017 , 38, 6970-6992	15
456	Particle swarm optimization with a new update mechanism. 2017 , 60, 670-678	67
455	Bio-inspired computation: Recent development on the modifications of the cuckoo search algorithm. 2017 , 61, 149-173	44
454	An improved Cuckoo search algorithm for multi-objective optimization. 2017 , 22, 289-294	2
453	Optimal placement of actuators for active vibration control using a novel adaptive cuckoo search. 2017 , 231, 702-716	
452	Optimization of the box section of the main girder of the single-girder bridge crane by applying biologically inspired algorithms. 2017 , 148, 452-465	7
451	An efficient modified grey wolf optimizer with Lūy flight for optimization tasks. 2017 , 60, 115-134	232
450	High order stable infinite impulse response filter design using cuckoo search algorithm. 2017 , 14, 589-602	8
449	Comparison of metaheuristics algorithms on robust design optimization of a plain-fin-tube heat exchanger. 2017 ,	2
448	An effective collaborative movie recommender system with cuckoo search. 2017 , 18, 105-112	59
447	An efficient gbest-guided Cuckoo Search algorithm for higher order two channel filter bank design. 2017 , 33, 68-84	23
446	Cuckoo search with composite flight operator for numerical optimization problems and its application in tunnelling. 2017 , 49, 597-616	17
445	Nature-Inspired Computation: An Unconventional Approach to Optimization. 2017 , 543-560	
444	A novel multi-objective evolutionary algorithm based on LLE manifold learning. 2017, 33, 293-305	6
443	A fast multi-objective optimization using an efficient ideal gas molecular movement algorithm. 2017 , 33, 477-496	17
442	Snap-drift cuckoo search: A novel cuckoo search optimization algorithm. 2017 , 52, 771-794	81
441	Intelligent Multiple Search Strategy Cuckoo Algorithm for Numerical and Engineering Optimization Problems. 2017 , 42, 567-593	12

440	Control of piezoelectric friction dampers in smart base-isolated structures using self-tuning and adaptive fuzzy proportionalderivative controllers. 2017 , 28, 1287-1302	20
439	Prediction of the remaining useful life of middle-low speed maglev train braking system based on COA-LSSVR. 2017 ,	
438	Effective Constrained Handling by Hybridized Cuckoo Search Algorithm with Box Complex Method. 2017 , 50, 209-214	2
437	Optimal DG allocation and sizing in radial distribution networks by Cuckoo search algorithm. 2017 ,	4
436	Application of Cuckoo Search Algorithm in the Establishment of Datum Coordinate System of Body Sheet Metal Parts. 2017 ,	
435	The Adaptive Discrete Cuckoo Search for Parallel Flow Shop Problem. 2017 ,	1
434	Robot Swarm for Efficient Area Coverage Inspired by Ant Foraging: The Case of Adaptive Switching Between Brownian Motion and Llly Flight. 2017 ,	7
433	Optimisation of controller parameters for grid-tied photovoltaic system at faulty network using artificial neural network-based cuckoo search algorithm. 2017 , 11, 1517-1526	40
432	Particle swarm optimization and cuckoo search paralleled algorithm. 2017,	1
431	Cricket chirping algorithm for multi-objective engineering design optimization. 2017,	
430	Cuckoo search algorithm with deep search. 2017 ,	11
429	Cuckoo search: State-of-the-art and opportunities. 2017 ,	5
428	A hybrid cuckoo search and K-means for clustering problem. 2017 ,	4
427	New teaching-learnig based optimization algotithm with random local search: TLBO-RLS. 2017,	
426	Cuckoo-search optimized fuzzy-logic control of stationary battery storage systems. 2017,	1
425	Cuckoo Search Optimization and Application to Liquid Diquid Equilibrium. 2017 , 171-213	
424	A Comparative Study on Recently-Introduced Nature-Based Global Optimization Methods in Complex Mechanical System Design. 2017 , 10, 120	9
423	Extracting T-S Fuzzy Models Using the Cuckoo Search Algorithm. 2017 , 2017, 8942394	5

(2018-2017)

422	Pareto Optimization of a Half Car Passive Suspension Model Using a Novel Multiobjective Heat Transfer Search Algorithm. 2017 , 2017, 1-17	6
421	A multiobjective chaotic bat algorithm for economic and emission dispatch. 2017 ,	2
420	Evaluation of Voltage Control Approaches for Future Smart Distribution Networks. 2017 , 10, 1138	3
419	Distributed Query Plan Generation using Cuckoo Search Algorithm. 2017 , 6, 86-100	1
418	A Bi-Criteria Hybrid Grey Wolf Approach for Parallel Machine Job Scheduling. 2017, 8, 49-71	1
417	A novel estimation method for capillary pressure curves based on routine core analysis data using artificial neural networks optimized by Cuckoo algorithm [A case study. 2018, 220, 363-378]	10
416	A Cuckoo Search Algorithm to Solve Transfer Line Balancing Problems With Different Cutting Conditions. 2018 , 65, 505-518	5
415	An efficient hybrid clustering method based on improved cuckoo optimization and modified particle swarm optimization algorithms. 2018 , 67, 172-182	49
414	An improved economic-based nonlinear model predictive control strategy for the crude oil distillation process. 2018 , 96, 2408-2419	2
413	Computational intelligence techniques for maximum power point tracking in PV systems: A review. 2018 , 85, 14-45	47
412	A novel multi-objective optimization algorithm based on artificial algae for multi-objective engineering design problems. 2018 , 48, 3762-3781	20
411	A comprehensive study of cuckoo-inspired algorithms. 2018 , 29, 345-361	30
410	Solving Multiobjective Optimization Problems Using Hybrid Cooperative Invasive Weed Optimization With Multiple Populations. 2018 , 48, 821-832	34
409	A novel fuzzy time series forecasting method based on the improved artificial fish swarm optimization algorithm. 2018 , 22, 3907-3917	18
408	A Levy flight-based grey wolf optimizer combined with back-propagation algorithm for neural network training. 2018 , 30, 3707-3720	57
407	Multi-objective optimization of slow moving inventory system using Cuckoo Search. 2018 , 24, 343-350	5
406	A comprehensive approach in designing a sustainable closed-loop supply chain network using cross-docking operations. 2018 , 24, 51-98	21
405	Cuckoo Search-Based Least Squares Support Vector Machine Models for Optimum Tuning of Tuned Mass Dampers. 2018 , 18, 1850028	22

404	An adaptive bi-flight cuckoo search with variable nests for continuous dynamic optimization problems. 2018 , 48, 97-117	32
403	Hybrid multi-objective cuckoo search with dynamical local search. 2018 , 10, 199-208	133
402	?-constraint heat transfer search (?-HTS) algorithm for solving multi-objective engineering design problems. 2018 , 5, 104-119	10
401	A closed loop based facility layout design using a cuckoo search algorithm. 2018 , 93, 322-335	18
400	A modified rotation strategy for directed search domain algorithm in multiobjective engineering optimization. 2018 , 57, 877-890	1
399	Mathematical Analysis of Nature-Inspired Algorithms. 2018 , 1-25	10
398	Global Convergence Analysis of Cuckoo Search Using Markov Theory. 2018 , 53-67	8
397	A Cuckoo Search Algorithm-Based Task Scheduling in Cloud Computing. 2018 , 293-299	15
396	Swarm intelligence: past, present and future. 2018 , 22, 5923-5933	54
395	Cuckoo search via L\(\textstyre{\mathbb{U}}\)y flights for the capacitated vehicle routing problem. 2018 , 14, 293-304	16
394	Application of bio-inspired algorithms in maximum power point tracking for PV systems under partial shading conditions (A review. 2018 , 81, 840-873	80
393	Advances in Multirate Filter Banks: A Research Survey. 2018 , 35-57	1
392	New cuckoo search algorithms with enhanced exploration and exploitation properties. 2018, 95, 384-420	72
391	Application of Artificial Bee Colony Algorithm for Model Parameter Identification. 2018, 285-303	9
390	Online tuning of fractional order fuzzy PID controller in smart seismic isolated structures. 2018 , 16, 3153-317	70 15
389	A new quantum chaotic cuckoo search algorithm for data clustering. 2018 , 96, 358-372	73
388	Innovative Computing, Optimization and Its Applications. 2018,	3
387	Integrating modified cuckoo algorithm and creditability evaluation for QoS-aware service composition. 2018 , 140, 64-81	28

386	Adaptive fractional order fuzzy proportional[htegral derivative control of smart base-isolated structures equipped with magnetorheological dampers. 2018 , 29, 830-844	18
385	Self-balancing robot bionic intelligence multi-dimensional decision-making evaluation algorithm. 2018 , 30, e4649	О
384	A Cuckoo Search Algorithm based on Self-adjustment Strategy. 2018 , 1087, 022003	1
383	Optimal Integration of D-STATCOM in RDS by a Novel Optimization Technique. 2018,	О
382	Application of Adaptive Mono-Stable Stochastic Resonance Based on Cuckoo Search for Incipient Fault Diagnosis of Rolling Element Bearings. 2018 ,	
381	A Novel Grey Wolf Optimizer with Random Walk Strategies for Constrained Engineering Design. 2018 ,	
380	The Hysteresis Phenomenon and Q Factor Enhancement in Nonlinear NEMS Resonators Driven by L\(\textstyre{U} \) Stable Stochastic Processes. 2018 ,	1
379	Power Losses Minimization In Radial Distribution Networks By Capacitor Allocation Using Hybrid Evolutionary Computation Technique. 2018 ,	
378	A Novel Population Initialization Method Based on Support Vector Machine. 2018,	1
377	Cuckoo Search Optimized NN-Based Fault Diagnosis Approach for Power Transformer PHM. 2018,	О
376	Smart control plane for information centric network-internet service provider networks. 2018 , 25, 2410-2422	
375	An effective emergency logistics scheduling model based on multi-objective optimization algorithms. 2018 ,	1
374	TDOA Passive Location Based on Cuckoo Search Algorithm. 2018 , 23, 368-375	9
373	. 2018,	1
372	Research on Multi-objective Test Case Generation Based on Cuckoo Search. 2018,	
371	A novel bio-inspired optimization model based on Yellow Saddle Goatfish behavior. 2018 , 174, 1-21	22
370	Variable step size adaptive cuckoo search optimization algorithm for phase diversity. 2018 , 57, 8212-8219	7
369	Semisupervised SVM Based on Cuckoo Search Algorithm and Its Application. 2018 , 2018, 1-13	8

368 Multiobjective Optimization. **2018**, 249-267

367	Levy Flights in Metaheuristics Optimization Algorithms [A Review. 2018, 32, 802-821	20
366	IIR Filter Design Using Constrained Multiobjective Cuckoo Search Algorithm. 2018,	O
365	A Novel MPPT Method Based on Cuckoo Search Algorithm and Golden Section Search Algorithm for Partially Shaded PV System. 2018 ,	2
364	A hybrid DPSO with Levy flight for scheduling MIMO radar tasks. 2018 , 71, 242-254	27
363	Biological Flower Pollination Algorithm with Orthogonal Learning Strategy and Catfish Effect Mechanism for Global Optimization Problems. 2018 , 2018, 1-16	11
362	Multi-species Cuckoo Search Algorithm for Global Optimization. 2018, 10, 1085-1095	25
361	Dynamic optimization of fed-batch bioprocesses using flower pollination algorithm. 2018 , 41, 1679-1696	4
360	Control Research of Nonlinear Vehicle Suspension System Based on Road Estimation. 2018,	1
359	An improved twin support vector machine based on multi-objective cuckoo search for software defect prediction. 2018 , 11, 282	27
358	Design of robust fractional order fuzzy sliding mode PID controller for two link robotic manipulator system. 2018 , 35, 5301-5315	44
357	Wavelet and cuckoo search-support vector machine conjugation for drought forecasting using Standardized Precipitation Index (case study: Urmia Lake, Iran). 2018 , 20, 975-988	19
356	A modified whale optimization algorithm for large-scale global optimization problems. 2018 , 114, 563-577	103
355	Short-term hydro-thermal-wind-photovoltaic complementary operation of interconnected power systems. 2018 , 229, 945-962	68
354	Performance assessment of a modified multi-objective cuckoo's search algorithm for microgrid planning considering uncertainties. 2018 ,	
353	Crashworthiness optimization of bionic bumper structure under low-speed impact. 2018 , 189, 07001	
352	Social Algorithms. 2018 , 549-563	2
351	On the PTS Optimization Using the Firefly Algorithm for PAPR Reduction in OFDM Systems. 2018 , 35, 441-455	14

350	Method for diagnosis of gas insulated switchgear based on VMD parameters optimized by Chaotic Cuckoo algorithm. 2018 ,	2
349	A fractional order fuzzy PD+I controller for three-link electrically driven rigid robotic manipulator system. 2018 , 35, 5287-5299	10
348	Optimization of abrasive waterjet machining using multi-objective cuckoo search algorithm. 2018 , 99, 1257-1266	9
347	High-Dimensional Text Datasets Clustering Algorithm Based on Cuckoo Search and Latent Semantic Indexing. 2018 , 17, 1850033	4
346	An Improved Global-Best-Guided Cuckoo Search Algorithm for Multiplierless Design of Two-Dimensional IIR Filters. 2019 , 38, 805-826	4
345	Multiobjective backtracking search algorithm: application to FSI. 2019 , 59, 131-151	6
344	An Improved dynamic self-adaption cuckoo search algorithm based on collaboration between subpopulations. 2019 , 31, 1375-1389	12
343	. 2019,	3
342	Fuzzy Logic Controller Parameter Optimization Using Metaheuristic Cuckoo Search Algorithm for a Magnetic Levitation System. 2019 , 9, 2458	16
341	Damage identification of bridge structure considering temperature variations based on particle swarm optimization - cuckoo search algorithm. 2019 , 22, 3262-3276	15
340	A Novel MPPT Method Based on Cuckoo Search Algorithm and Golden Section Search Algorithm for Partially Shaded PV System. 2019 , 42, 173-182	31
339	Hydro-thermal-wind-photovoltaic coordinated operation considering the comprehensive utilization of reservoirs. 2019 , 198, 111824	17
338	Color normalization of faded H&E-stained histological images using spectral matching. 2019 , 111, 103344	8
337	An improved cuckoo search algorithm for the problem of electric distribution network reconfiguration. 2019 , 84, 105720	39
336	. 2019 , 7, 140102-140125	22
335	Research and Application of Hybrid Wind-Energy Forecasting Models Based on Cuckoo Search Optimization. 2019 , 12, 3675	3
334	Defining the robust operating rule for multi-purpose water reservoirs under deep uncertainties. 2019 , 578, 124134	10
333	Improved Cuckoo Algorithm for Adaptive Adjustment of Discovery Probability. 2019 ,	

Parameter Extraction of One-Diode Photovoltaic Model using L \overline{M} y Flight Directional Bat Algorithm. **2019**,

331	Multi-Strategy Adaptive Cuckoo Search Algorithm. 2019 , 7, 137642-137655	13
330	An Enhanced Version of Black Hole Algorithm via Levy Flight for Optimization and Data Clustering Problems. 2019 , 7, 142085-142096	33
329	A Multi-objective Cuckoo search Algorithm Based on Decomposition. 2019 ,	1
328	Cuckoo search algorithm with onlooker bee search for modeling PEMFCs using T2FNN. 2019 , 85, 740-753	16
327	Wind driven optimization algorithm based global MPPT for PV system under non-uniform solar irradiance. 2019 , 180, 429-444	68
326	Optimization of the Cropping Pattern Using Cuckoo Search Technique. 2019 , 19-35	4
325	An adaptive underdamped stochastic resonance based on NN and CS for bearing fault diagnosis. 2019 , 10, 437-452	2
324	Comparing the performance of different types of distributed fuzzy-based traffic signal controllers. 2019 , 36, 6155-6166	О
323	A nature-based reservoir optimization model for resolving the conflict in human water demand and riverine ecosystem protection. 2019 , 231, 406-418	35
322	The Parameter Identification of PMSM Based on Improved Cuckoo Algorithm. 2019 , 50, 2701-2715	8
321	A hybrid short-term electricity price forecasting framework: Cuckoo search-based feature selection with singular spectrum analysis and SVM. 2019 , 81, 899-913	58
320	Mathematical Foundations of Nature-Inspired Algorithms. 2019,	14
319	Optimization of a P/PI Cascade Motion Controller for a 3-DOF Delta Robot. 2019 , 217-226	1
318	Tagungsband des 4. Kongresses Montage Handhabung Industrieroboter. 2019 ,	1
317	Nature-Inspired Algorithms. 2019 , 21-40	Ο
316	Coupling of inverse method and cuckoo search algorithm for multiobjective optimization design of an axial flow pump. 2019 , 233, 988-1006	5
315	Hydropower reservoir reoperation to adapt to large-scale photovoltaic power generation. 2019 , 179, 268-279	36

314	FZ enabled Multi-objective PSO for multicasting in IoT based Wireless Sensor Networks. 2019 , 498, 1-20	13
313	Nature-Inspired Multiobjective Cancer Subtype Diagnosis. 2019 , 7, 4300112	9
312	Integrated optimization of cutting tool and cutting parameters in face milling for minimizing energy footprint and production time. 2019 , 175, 1021-1037	33
311	Sensitivity Analysis on Optimal PID Controller for Nonlinear Smart Base-Isolated Structures. 2019 , 19, 1950080	8
310	Bio-inspired optimization for the molecular docking problem: State of the art, recent results and perspectives. 2019 , 79, 30-45	8
309	Optimal drug scheduling for cancer chemotherapy using two degree of freedom fractional order PID scheme. 2019 , 36, 2273-2284	9
308	A Hybrid Particle Swarm Optimization-Cuckoo Search Algorithm and Its Engineering Applications. 2019 , 2019, 1-12	28
307	Flood control operation coupled with risk assessment for cascade reservoirs. 2019 , 572, 543-555	16
306	Optimal Reactive Power Dispatch Using Modified Sine Cosine Algorithm. 2019,	20
305	Performance Analysis of Three Intelligent Algorithms on Route Selection of Fishbone Layout. 2019 , 11, 1148	8
304	An individual dependent multi-colony artificial bee colony algorithm. 2019 , 485, 114-140	28
303	The Cuckoo Search and Integer Linear Programming Based Approach to Time-Aware Test Case Prioritization Considering Execution Environment. 2019 , 734-754	1
302	Dimension-by-dimension enhanced cuckoo search algorithm for global optimization. 2019 , 23, 11297-11312	6
301	A novel sub-models selection algorithm based on max-relevance and min-redundancy neighborhood mutual information. 2019 , 486, 310-339	4
300	Cuckoo Search Algorithm and TS Fuzzy Models for PID Control. 2019,	
299	Cuckoo search algorithm with different distribution strategy. 2019 , 13, 234	6
298	Model Free Approach to Adaptive Parameters Optimisation using Adaptive Decaying Merit Score (ADMS): A Preliminary Study. 2019 ,	
297	Comparative Study of MPPT Techniques for Solar Photovoltaic System. 2019 ,	2

296	Review on Application of Artificial Intelligence in Civil Engineering. 2019 , 121, 845-875	12
295	Structural Damage Identification Under Temperature Variations Based on PSOES Hybrid Algorithm. 2019 , 19, 1950139	14
294	Optimization of geometric parameters of the standardized multilayer microperforated panel with finite dimension. 2019 , 67, 197-209	10
293	An improved global-best-driven flower pollination algorithm for optimal design of two-dimensional FIR filter. 2019 , 23, 8855-8872	4
292	Reinforced cuckoo search algorithm-based multimodal optimization. 2019 , 49, 2059-2083	41
291	A grey wolf optimizerfellular automata integrated model for urban growth simulation and optimization. 2019 , 23, 672-687	6
290	A fuzzified Pareto multiobjective cuckoo search algorithm for power losses minimization incorporating SVC. 2019 , 23, 10811-10820	6
289	Multi-objective hydropower station operation using an improved cuckoo search algorithm. 2019 , 168, 425-439	38
288	FPGA-based implementation of cuckoo search. 2019 , 13, 28-37	4
287	Raccoon Optimization Algorithm. 2019 , 7, 5383-5399	16
287	Raccoon Optimization Algorithm. 2019, 7, 5383-5399 Optimal design and experimental validation of sound absorbing multilayer microperforated panel with constraint conditions. 2019, 146, 334-344	16 25
	Optimal design and experimental validation of sound absorbing multilayer microperforated panel	
286	Optimal design and experimental validation of sound absorbing multilayer microperforated panel with constraint conditions. 2019 , 146, 334-344 On the stochastic dynamics of a nonlinear vibration energy harvester driven by L\(\text{L} \text{y} \) flight	
286	Optimal design and experimental validation of sound absorbing multilayer microperforated panel with constraint conditions. 2019 , 146, 334-344 On the stochastic dynamics of a nonlinear vibration energy harvester driven by L\(\textstyre{U}\)y flight excitations. 2019 , 30, 945-967 Multi-UAV Oxyrrhis Marina-Inspired Search and Dynamic Formation Control for Forest Firefighting.	25
286 285 284	Optimal design and experimental validation of sound absorbing multilayer microperforated panel with constraint conditions. 2019 , 146, 334-344 On the stochastic dynamics of a nonlinear vibration energy harvester driven by L\(\textstyre{U}\)y flight excitations. 2019 , 30, 945-967 Multi-UAV Oxyrrhis Marina-Inspired Search and Dynamic Formation Control for Forest Firefighting. 2019 , 16, 863-873 A bi-objective hybrid algorithm for the classification of imbalanced noisy and borderline data sets.	25 52
286 285 284 283	Optimal design and experimental validation of sound absorbing multilayer microperforated panel with constraint conditions. 2019, 146, 334-344 On the stochastic dynamics of a nonlinear vibration energy harvester driven by Lty flight excitations. 2019, 30, 945-967 Multi-UAV Oxyrrhis Marina-Inspired Search and Dynamic Formation Control for Forest Firefighting. 2019, 16, 863-873 A bi-objective hybrid algorithm for the classification of imbalanced noisy and borderline data sets. 2019, 22, 979-998 Multi-objective sine-cosine algorithm (MO-SCA) for multi-objective engineering design problems.	25 52 3
286 285 284 283	Optimal design and experimental validation of sound absorbing multilayer microperforated panel with constraint conditions. 2019, 146, 334-344 On the stochastic dynamics of a nonlinear vibration energy harvester driven by Lty flight excitations. 2019, 30, 945-967 Multi-UAV Oxyrrhis Marina-Inspired Search and Dynamic Formation Control for Forest Firefighting. 2019, 16, 863-873 A bi-objective hybrid algorithm for the classification of imbalanced noisy and borderline data sets. 2019, 22, 979-998 Multi-objective sine-cosine algorithm (MO-SCA) for multi-objective engineering design problems. 2019, 31, 915-929	2552360

(2020-2020)

278	An approach for design optimization of 3R manipulator using Adaptive Cuckoo Search algorithm. 2020 , 48, 773-798	5
277	A fuzzy adaptive controller for cuckoo search algorithm in active suspension system. 2020 , 39, 761-771	3
276	Artificial ecosystem-based optimization: a novel nature-inspired meta-heuristic algorithm. 2020 , 32, 9383-94	125 94
275	Development of thin sound absorber by parameter optimization of multilayer compressed porous metal with rear cavity. 2020 , 159, 107071	16
274	An Efficient JAYA Algorithm with Luy Flight for Non-linear Channel Equalization. 2020 , 145, 112970	20
273	Application of Cuckoo Search algorithm to Loading Pattern Optimization problems. 2020 , 139, 107214	8
272	Artificial Intelligence in Diffusion MRI. 2020,	O
271	A comparative review on mobile robot path planning: Classical or meta-heuristic methods?. 2020 , 50, 233-252	28
270	Multireservoir system operation optimization by hybrid quantum-behaved particle swarm optimization and heuristic constraint handling technique. 2020 , 590, 125477	13
269	Performance improvement strategies on Cuckoo Search algorithms for solving the university course timetabling problem. 2020 , 161, 113732	10
268	Backtracking immune algorithm for continuous multi-objective optimisation. 2020 , 10, 287	
267	Optimum Target Reliability Determination for Efficient Service Life Management of Bridge Networks. 2020 , 25, 04020087	3
266	A new algorithm based on gray wolf optimizer and shuffled frog leaping algorithm to solve the multi-objective optimization problems. 2020 , 96, 106560	17
265	Multiobjective aerodynamic shape optimization of NACA0012 airfoil based mesh morphing. 2020 , 11, 11	1
264	Review of Online and Soft Computing Maximum Power Point Tracking Techniques under Non-Uniform Solar Irradiation Conditions. 2020 , 13, 3256	20
263	Optimal Control and Operation of Fully Automated Distribution Networks Using Improved Tunicate Swarm Intelligent Algorithm. 2020 , 8, 129689-129708	24
262	Enhancing the Capability of Load Management Techniques in Cloud Using H_FAC Algorithm Optimization. 2020 , 16, 65-81	1
261	Shape optimization of generalized developable H-BZier surfaces using adaptive cuckoo search algorithm. 2020 , 149, 102889	5

260	Hate speech detection in Twitter using hybrid embeddings and improved cuckoo search-based neural networks. 2020 , 13, 485-525	5
259	L\(\textstyr Flight Foraging Hypothesis-based Autonomous Large-scale Memoryless Search under Sparse Rewards. 2020 ,	
258	Design of Multiplierless IFIR based Cosine Modulated Filter Bank using QPSO. 2020,	
257	Prediction of Thermal Barrier Coatings Microstructural Features Based on Support Vector Machine Optimized by Cuckoo Search Algorithm. 2020 , 10, 704	8
256	An Effective Constraint-Handling Improved Cuckoo Search Algorithm and Its Application in Aerodynamic Shape Optimization. 2020 , 8, 139121-139142	O
255	A survey of the state-of-the-art swarm intelligence techniques and their application to an inverse design problem. 2020 , 19, 1606-1628	3
254	Multi-sensor scheduling method based on Cuckoo and Particle Swarm optimization algorithm. 2020 , 1651, 012064	O
253	Isomap Based on Cuckoo Search Algorithm with t-distribution Parameters. 2020 ,	
252	An improved cuckoo search algorithm for multi-level gray-scale image thresholding. 2020 , 79, 34993-35016	3
251	Electric Load Forecasting by Hybrid Self-Recurrent Support Vector Regression Model With Variational Mode Decomposition and Improved Cuckoo Search Algorithm. 2020 , 8, 14642-14658	66
250	A novel population initialization strategy for accelerating Levy flights based multi-verse optimizer. 2020 , 39, 1-17	41
249	Artificial Bee Colony with Levy Flights for Parameter Estimation of 3-p Weibull Distribution. 2020 , 44, 851-864	5
248	Classification and Evaluation Review of Maximum Power Point Tracking Methods. 2020 , 2, 100020	26
247	Swarm intelligence-based hyper-heuristic for the vehicle routing problem with prioritized customers. 2020 , 1	2
246	Robot Time-Optimal Trajectory Planning Based on Improved Cuckoo Search Algorithm. 2020 , 8, 86923-86933	10
245	A parallel compact cuckoo search algorithm for three-dimensional path planning. 2020 , 94, 106443	64
244	Comparative Study of Fractional Order Fuzzy Controllers for Robotic Manipulator System. 2020,	1
243	Modeling and optimization of sound absorption coefficient of microperforated compressed porous metal panel absorber. 2020 , 166, 107322	16

(2020-2020)

242	Pareto dominance based Multiobjective Cohort Intelligence algorithm. 2020 , 538, 69-118	11
241	Parameter extraction of photovoltaic cell using an improved cuckoo search optimization. 2020 , 204, 280-293	38
240	Optimal design of pure-friction isolators with and without restoring device: A multi-objective cuckoo search-based approach for seismic-excited structures. 2020 , 25, 708-719	8
239	A dynamic particles MPPT method for photovoltaic systems under partial shading conditions. 2020 , 220, 113070	19
238	A Comprehensive Survey on Optimization Techniques in Image Processing. 2020 , 24, 1758-1765	3
237	Marine Predators Algorithm: A nature-inspired metaheuristic. 2020 , 152, 113377	472
236	. 2020 , 8, 49137-49159	4
235	Performance enhancement of energy extraction capability for fuel cell implementations with improved Cuckoo search algorithm. 2020 , 45, 11309-11320	34
234	Discrete Cuckoo Search for Combinatorial Optimization. 2020 ,	O
233	Improved Compact Cuckoo Search Algorithm Applied to Location of Drone Logistics Hub. 2020 , 8, 333	35
232	Nature-inspired optimization algorithms: Challenges and open problems. 2020 , 46, 101104	91
231	Energy efficient target coverage for a wireless sensor network. 2020 , 165, 108167	8
230	Critical Review on PV MPPT Techniques: Classical, Intelligent and Optimisation. 2020, 14, 1433-1452	68
229	Clustering Mixed Numeric and Categorical Data With Cuckoo Search. 2020 , 8, 30988-31003	8
228	Finite element model updating using crow search algorithm with Levy flight. 2020, 121, 2916-2928	9
227	A new metaheuristic optimization algorithm inspired by human dynasties with an application to the wind turbine micrositing problem. 2020 , 90, 106176	7
226	Nature-inspired optimization algorithms for community detection in complex networks: a review and future trends. 2020 , 74, 225-252	9
	and rucure crends. 2020 , 74, 225-232	

224	Newly Emerging Nature-Inspired Optimization - Algorithm Review, Unified Framework, Evaluation, and Behavioural Parameter Optimization. 2020 , 8, 72620-72649	16
223	Performance of Multiplierless FIR Filter Based on Directed Minimal Spanning Tree: A Comparative Study. 2020 , 39, 5776-5800	1
222	A Survey on SCADA Systems: Secure Protocols, Incidents, Threats and Tactics. 2020 , 22, 1942-1976	50
221	An Approach Using Adaptive Weighted Least Squares Support Vector Machines Coupled with Modified Ant Lion Optimizer for Dam Deformation Prediction. 2020 , 2020, 1-23	4
220	A state-of-the-art review on conventional, soft computing, and hybrid techniques for shading mitigation in photovoltaic applications. 2020 , 30, e12420	10
219	Comparative study of Pareto optimal multi objective cuckoo search algorithm and multi objective particle swarm optimization for power loss minimization incorporating UPFC. 2021 , 12, 1069-1080	5
218	Applications of Bat Algorithm and its Variants. 2021,	2
217	Applications of Cuckoo Search Algorithm and its Variants. 2021,	1
216	Cuckoo Search and Its Variants in Digital Image Processing: A Comprehensive Review. 2021 , 1-20	
215	Constrained cuckoo search algorithm and Takagi-Sugeno fuzzy models for predictive control. 2021 , 43, 1088-1101	2
214	Self adaptive cuckoo search: Analysis and experimentation. 2021 , 60, 100751	16
213	Solving multi-objective optimization problem using cuckoo search algorithm based on decomposition. 2021 , 51, 143-160	7
212	Design of digital IIR filter: A research survey. 2021 , 172, 107669	7
211	A hybrid optimization method for sample partitioning in near-infrared analysis. 2021 , 248, 119182	2
210	Optimal power flow solution with stochastic wind power using the L $\overline{\text{U}}$ y coyote optimization algorithm. 2021 , 33, 6775-6804	9
209	Hyper-parameter tuned deep Q network for area estimation of oil spills: a meta-heuristic approach. 2021 , 14, 175-190	
208	Machine learned metaheuristic optimization of the bulk heterojunction morphology in P3HT:PCBM thin films. 2021 , 187, 110119	6
207	QSPR prediction of polymersßolubility parameters by radial basis functional link net. 2021 , 20, 1341-1356	

206	Parameters tuning of a quadrotor PID controllers by using nature-inspired algorithms. 2021, 14, 61-73	8
205	Optimum Design of Beams with Varying Cross-Section by Using Application Interface. 2021 , 225-249	
204	Analysis of Variable Learning Rate Back Propagation with Cuckoo Search Algorithm for Data Classification. 2021 , 9-21	
203	Building a Classifier of Behavior Patterns for Semantic Search Based on Cuckoo Search Meta-heuristics. 2021 , 121-132	
202	An optimal operation method of cascade hydro-PV-pumped storage generation system based on multi-objective stochastic numerical P systems. 2021 , 13, 016301	2
201	Multi-Objective Optimization. 2021 , 221-237	O
200	Modified Levy Flight Optimization for a Maximum Power Point Tracking Algorithm under Partial Shading. 2021 , 11, 992	5
199	. 2021 , 9, 84982-85016	17
198	Design and Analysis of Nonlinear PID Controller for Complex Surge Tank System. 2021 , 189-199	1
197	Techno-economic management of daily Volt/Var planning considering reactive power contribution of high penetrated-PV solar farms utilized as STATCOM: A case study in Istanbul, Turkey. 2021 , 31, e12772	1
196	Social Algorithms and Optimization. 2021 , 1637-1659	
195	Artificial ecosystem-based optimization algorithm. 2021 , 59-91	
194	An Energy-segmented Moth-flame Optimization Algorithm for Function Optimization and Performance Measures Analysis. 2021 , 19, 320-346	О
193	Image fusion practice to improve the ischemic-stroke-lesion detection for efficient clinical decision making. 2021 , 14, 1089-1099	5
192	An evaluation of the advantages of friction TMD over conventional TMD. 2021, 6, 1	6
191	Bearing Fault Diagnosis Using Synthetic Quantitative Index-Based Adaptive Underdamped Stochastic Resonance. 2021 , 2021, 1-10	1
190	Nature-inspired algorithms for Wireless Sensor Networks: A comprehensive survey. 2021 , 39, 100342	35
189	A bi-objective model for scheduling of multiple projects under multi-skilled workforce for distributed load energy usage. 1	2

188	A Novel Augmented Fractional-Order Fuzzy Controller for Enhanced Robustness in Nonlinear and Uncertain Systems with Optimal Actuator Exertion. 2021 , 46, 10185-10204	3
187	An effective health indicator for Pelton wheel using Levy Flight mutated Genetic Algorithm.	11
186	Optimization strategy of wireless charger node deployment based on improved cuckoo search algorithm. 2021 , 2021,	1
185	Multi-Objective Caching Optimization for Wireless Backhauled Fog Radio Access Network. 2021 , 13, 708	5
184	Combining 10 meta-heuristic algorithms, CFD, DOE, MGGP and PROMETHEE II for optimizing Stairmand cyclone separator. 2021 , 382, 70-84	4
183	Challenges in evolutionary algorithm to find optimal parameters of SVM: A review. 2021,	2
182	Artificial Intelligence-Based Prediction Models for Optimal Design of Tuned Mass Dampers in Damped Structures Subjected to Different Excitations. 2021 , 21, 2150120	2
181	A novel multi-objective group teaching optimization algorithm and its application to engineering design. 2021 , 155, 107198	6
180	Multiobjecitve structural optimization using improved heat transfer search. 2021 , 219, 106811	13
179	Optimized cuckoo search algorithm using tournament selection function for robot path planning. 2021 , 18, 172988142199613	3
178	An energy-efficient multi-objective permutation flow shop scheduling problem using an improved hybrid cuckoo search algorithm. 2021 , 13, 168781402110236	3
177	Multi-objective optimal power flow using a new heuristic optimization algorithm with the incorporation of renewable energy sources. 1	4
176	A temporal investigation of crash severity factors in worker-involved work zone crashes: Random parameters and machine learning approaches. 2021 , 10, 100378	4
175	A survey of the development of biomimetic intelligence and robotics. 2021 , 1, 100001	11
174	Single and multi-objective optimization of steel moment-resisting frame buildings under vehicle impact using evolutionary algorithms. 2021 , 6, 1	4
173	Design and operation optimization of multi-source complementary heating system based on air source heat pump in Tibetan area of Western Sichuan, China. 2021 , 242, 110979	6
172	Image steganalysis with entropy hybridized with chaotic grasshopper optimizer. 2021, 80, 31865	1
171	Multi-objective optimization of integrated gasBlectricity energy system based on improved multi-object cuckoo algorithm. 2021 , 9, 1839	1

170	Research developments in adaptive intelligent vibration control of smart civil structures. 146134842110327	2
169	Cuckoo Search Algorithm for model parameter estimation from self-potential data. 2021 , 194, 104461	3
168	ShapeArchit: Shape-Inspired Architecture Design with Space Planning. 2021 , 142, 103120	1
167	An effective damage identification procedure using model updating technique and multi-objective optimization algorithm for structures made of functionally graded materials. 1	2
166	Minimization of Torque Ripple in the Brushless DC Motor Using Constrained Cuckoo Search Algorithm. 2021 , 10, 2299	2
165	Artificial Intelligence and Bio-Inspired Soft Computing-Based Maximum Power Plant Tracking for a Solar Photovoltaic System under Non-Uniform Solar Irradiance Shading Conditions Review. 2021 , 13, 10575	3
164	Evaluation of climate change impacts on the optimal operation of multipurpose reservoir systems using cuckoo search algorithm. 2021 , 80, 1	1
163	Prediction of Compressive Strength of Geopolymer Concrete Based on Support Vector Machine and Modified Cuckoo Algorithm. 2021 , 2021, 1-14	2
162	Cuckoo search based multi-objective algorithm with decomposition for detection of masses in mammogram images. 1	
161	Tri-Band, Stable and Compact Patch Frequency Selective Surface Optimized via Hybrid Bioinspired Computing for Applications at 2.4, 3.5 and 5.8 GHz. 2021 , 20, 570-584	
160	Application of nature-inspired algorithms with generalized Pitzer-Debye-Hīlkel (PDH) refinement for liquid liquid equilibria (LLE) correlation in cyclic di-ether systems. e17434	0
159	Parameter selection for CLAHE using multi-objective cuckoo search algorithm for image contrast enhancement. 2021 , 12, 200051	1
158	A Framework for Self-Tuning Algorithms. 2021 , 197-205	
157	Cuckoo Search. 2021 , 141-155	1
156	Cross-domain trust management mechanism for internet of things systems. 2021 , 14, 933-947	1
155	A Metaheuristic Scheme Based on the Hunting Model of Yellow Saddle Goatfish. 2021 , 11-61	О
154	Optimization of cogeneration and polygeneration systems. 2021 , 287-323	
153	Software Defect Prediction Using Optimized Cuckoo Search Based Nature-Inspired Technique. 2021 , 183-192	O

152	Cuckoo Search Algorithm for Parameter Identification of Fermentation Process Model. 2019, 39-47	4
151	Hybridization Cuckoo Search Algorithm for Extracting the ODF Maxima. 2020 , 111-146	1
150	Executable Architectures Using Cuckoo Search Optimization Coupled with OPM and CPN-A Module: A New Meta-Architecture Model for FILA SoS. 2015 , 175-192	5
149	Bankruptcy Prediction Using Memetic Algorithm. 2016 , 153-161	1
148	The Hybrid Shuffle Frog Leaping Algorithm Based on Cuckoo Search for Flow Shop Scheduling with the Consideration of Energy Consumption. 2018 , 649-658	3
147	Encyclopedia of Complexity and Systems Science. 2017 , 1-15	1
146	Cuckoo Search: From Continuous to Combinatorial. 2020 , 31-41	1
145	Cuckoo Search Algorithm with Various Walks. 2021 , 47-77	1
144	The Cuckoo Search Algorithm Applied to Fuzzy Logic Control Parameter Optimization. 2021, 175-206	2
143	Nature-inspired computation and swarm intelligence: a state-of-the-art overview. 2020 , 3-18	13
142	Bat algorithm and cuckoo search algorithm. 2020 , 19-34	1
141	Hierarchy cuckoo search algorithm for parameter estimation in biological systems. 2016 , 159, 97-107	17
140	Complex-valued encoding metaheuristic optimization algorithm: A comprehensive survey. 2020 , 407, 313-342	15
139	Advanced Exergy, Exergoeconomic, Exergoenvironmental Evaluation of a Solar Hybrid Trigeneration System Based on Solar Gas Turbine for an Office Building. 2021 , 143,	4
138	An efficient multi-objective cuckoo search algorithm for design optimization. 2016 , 1, 87-103	9
137	Design of a decoupled PID controller via MOCS for seismic control of smart structures. 2016 , 10, 1067-1087	17
136	Global Warming: Predicting OPEC Carbon Dioxide Emissions from Petroleum Consumption Using Neural Network and Hybrid Cuckoo Search Algorithm. 2015 , 10, e0136140	25
135	Comparative Analysis of DNA Motif Discovery Algorithms: A Systemic Review. 2019 , 15, 4-26	2

134	Cuckoo Search Algorithm. 2014 , 558-564	4
133	Cuckoo Search for Optimization and Computational Intelligence. 2015 , 133-142	4
132	Modern Optimization Algorithms and Applications in Solar Photovoltaic Engineering. 2016, 390-445	3
131	Hybrid BFO and PSO Swarm Intelligence Approach for Biometric Feature Optimization. 1490-1518	3
130	A Survey of the Cuckoo Search and Its Applications in Real-World Optimization Problems. 2017, 541-555	3
129	Chaotic Cuckoo Search Algorithm for High-dimensional Functions. 2014 , 9,	7
128	Particle Swarm Optimization and L [©] Levy Flight integration. 2021 , 192, 4658-4671	O
127	Parametric Analysis: Determining the Efficacy of Varied Approaches under Deregulated Electricity Market. 2021 ,	
126	Polimer-Polimer Kar⊞bilirlifihin Guguk KuŪ Arama Algoritmas⊞a Dayal⊞AEREBulanE S⊞ElandEma Sistemiyle Tahmini.	
125	Multi-objective optimisation of a grid-connected hybrid PV-battery system considering battery degradation. 1-11	1
124	Opposition-based multi-objective whale optimization algorithm with multi-leader guiding. 2021 , 25, 15131	O
123	Multi-population and dynamic-iterative cuckoo search algorithm for linear antenna array synthesis. 2021 , 113, 108004	1
122	High performance adaptive maximum power point tracking technique for off-grid photovoltaic systems. 2021 , 11, 20400	4
121	A modified cuckoo search method in the global optimization problem. 2013 , 13,	
120	Co-Operation of Biology-Related Algorithms for Constrained Multiobjective Optimization. 2015, 487-494	
119	Cuckoo Search Optimization and Application to Liquid l iquid Equilibrium. 2017 , 170-213	
118	Cuckoo Search Algorithm for Solving Real Industrial Multi-Objective Scheduling Problems. 2018 , 4369-4381	1
117	Nature-Inspired-Based Adaptive Neural Network Approximation for Uncertain System. 2018 , 439-461	

116	Using Cuckoo Search Algorithm for Hybrid Flow Shop Scheduling Problems Under Makespan Criterion. 2018 , 379-400	
115	Selected issues of multi-objective WLAN planning. 2018 , 3, 69-78	
114	Derivations of the Xiang River Reservoirs Operation Rule Curves Considering Flow Demand in Multiple Control Sections. 2019 , 08, 361-370	
113	Social Algorithms and Optimization. 2019 , 1-23	
112	Cuckoo Search Algorithm for Solving Real Industrial Multi-Objective Scheduling Problems. 2019, 400-414	
111	An adaptive stochastic resonance method based on multi-agent cuckoo search algorithm for bearing fault detection. 2019 , 21, 1296-1307	O
110	Improved Cuckoo Search Algorithm Based on Exponential Function. 2020 , 200-207	
109	A Gamma-Levy Hybrid MetaHeuristic for HyperParameter Tuning of Deep Q Network. 2020 , 635-646	
108	A Comprehensive Comparative Economic Analysis of ACO and CS Technique for Optimal Operation of Stand-alone HES. 2020 , 549-564	
107	Combinatorial Test Case Generation Method Based on Improved Particle Swarm Optimization Algorithm. 2020 , 09, 148-158	
106	Computation Offloading Optimization in Mobile Edge Computing Based on Multi-Objective Cuckoo Search Algorithm. 2020 ,	
105	Optimization and synthesis of multilayer frequency selective surfaces via bioinspired hybrid techniques. 2020 , 8, 542-561	
104	Comparative Performance Analysis of PV module using PSO and CSA Techniques. 2020,	
103	Levy Flight Opposition Embedded BAT Algorithm for Model Order Reduction. 2021 , 103-118	2
102	Analysis on the spatial accessibility of parks and green spaces and optimal site selection aking Weifang prefecture-level city as an example. 2021 , 865, 012020	
101	An incremental meter placement method for state estimation considering collinear measurements and high leverage points. 2020 , 13, 1-12	Ο
100	Cuckoo Search Algorithm Based An Optimal Control Strategy for Switched Nonlinear Systems. 2020	О
99	A cuckoo search algorithm with scale-free population topology. 2022 , 188, 116049	1

98	Multi-objective Cuckoo Algorithm for Mobile Devices Network Architecture Search. 2020 , 312-324	1
97	Navigation, Routing and Nature-Inspired Optimization. 2020 , 1-17	
96	Mathematical framework for algorithm analysis. 2020 , 89-108	1
95	Comparison of Optimization-Modelling Methods for Metabolites Production in Escherichia coli. 2020 , 17,	1
94	Multi-objective cuckoo search algorithm for optimized pathways for 75 % renewable electricity mix by 2050 in Algeria. 2021 ,	5
93	Data-driven systematic parameter identification of an electrochemical model for lithium-ion batteries with artificial intelligence. 2021 , 44, 557-557	6
92	A Hybrid Model of Extreme Learning Machine Based on Bat and Cuckoo Search Algorithm for Regression and Multiclass Classification. 2021 , 2021, 1-11	1
91	TDOA Positioning Method Based on Taylor Series Expansion Based on Cuckoo Search Algorithm. 2020 ,	О
90	Conclusions and Emerging Topics. 238-265	
89	Modern Optimization Algorithms and Applications in Solar Photovoltaic Engineering. 1625-1679	
88	Study on improved cuckoo search algorithm applied in parameters estimation of multi-layer soil: 1D and 3D. 2020 , 14, 844-852	
87	Cuckoo Search Algorithm: A Review of Recent Variants and Engineering Applications. 2021 , 177-194	3
86	An Overview of Mutation Strategies in Particle Swarm Optimization. 2020 , 11, 16-37	1
85	Software Defect Prediction Using Wrapper Feature Selection Based on Dynamic Re-Ranking Strategy. 2021 , 13, 2166	3
84	A Modified Cuckoo Search for the n-Queens Problem. 2022 , 615-620	1
83	The effect of maximum iteration using 3 dimensional limit equilibrium method in open pit mine. 2021 , 894, 012033	
82	Dominant color component and adaptive whale optimization algorithm for multilevel thresholding of color images. 2022 , 108172	1
81	Physical model test validation of dynamic similarity truncation method for an internal turret mooring system. 2022 , 245, 110328	

80	Multi-objective optimal design of SC-BRB for structures subjected to different near-fault earthquake pulses. 2022 , 36, 1021-1031	2
79	An elitism-based multi-objective evolutionary algorithm for min-cost network disintegration. 2022 , 239, 107944	1
78	The Multi-Objective Optimal Configuration of Wind-PV-Battery Microgrid. 2020,	О
77	Cuckoo Search Based Noncoherent Integration Method for Moving Target Detection Using Bistatic MIMO Radar. 2021 ,	
76	Measurement of performance characteristics of WEDM while processing AZ31 Mg-alloy using Levy flight MOGWO for orthopedic application. 2022 , 119, 7175	0
75	Survey on Initialization Methods of Cuckoo Search Algorithm. 2022 , 629-640	
74	A multiobjective Cuckoo Search Algorithm for community detection in social networks. 2022 , 177-193	0
73	Production Wastage Avoidance using Modified Multi-objective Teaching Learning Based Optimization Embedded with Refined Learning Scheme. 2022 , 1-1	4
72	Reliability-Based Cost Optimization in Power Distribution Systems Incorporating Distributed Generations and Capacitors. 2021 , 49, 792-805	
71	Scheduling of Multisensor for UAV Cluster Based on Harris Hawks Optimization With an Adaptive Golden Sine Search Mechanism. 2022 , 1-1	
70	A Golden Eagle Optimization Based MPPT Control For Partial Shading Conditions. 2022,	
69	Reposition Optimization in the Free-Floating Bike-Sharing System Considering Transferring Travels from Urban Rail Transit.	
68	A Novel Archimedes Optimization Algorithm with Levy Flight for Designing Microstrip Patch Antenna. 2022 , 47, 3683-3706	1
67	Multi-Objective Optimization Using Evolutionary Cuckoo Search Algorithm for Evacuation Planning. 2022 , 2, 53-75	0
66	Product beamforming and nested array in tandem for enhanced sonar performance. 1	
65	A self-adaptive and gradient-based cuckoo search algorithm for global optimization. 2022 , 108774	1
64	Cuckoo Search Combined with PID Controller for Maximum Power Extraction of Partially Shaded Photovoltaic System. 2022 , 15, 2513	2
63	MOTEO: A novel physics-based multiobjective thermal exchange optimization algorithm to design truss structures. 2022 , 242, 108422	4

62	A multiagent system based cuckoo search optimization for parameter identification of photovoltaic cell using Lambert W-function. 2022 , 120, 108678	2
61	ICP algorithm point cloud registration method based on a new improved Harris Hawk algorithm. 2021 ,	
60	Quality Prediction of Fused Deposition Molding Parts Based on Improved Deep Belief Network 2021 , 2021, 8100371	0
59	Combined Economic Emission Dispatch of Microgrid with the Incorporation of Renewable Energy Sources Using Improved Mayfly Optimization Algorithm 2022 , 2022, 6461690	7
58	Heuristic-driven strategy for boosting aerial photography with multi-UAV-aided Internet-of-Things platforms. 2022 , 112, 104854	
57	Optimum Tuning of Photovoltaic System Via Hybrid Maximum Power Point Tracking Technique. 2022 , 34, 1399-1413	
56	Wind speed forecasting using a novel multi-scale feature adaptive extraction ensemble model with multi-objective error regression correction. 2022 , 117358	О
55	Semi-active control of nonlinear smart base-isolated structures using MR damper: Sensitivity and reliability analyses.	
54	Gray wolf optimizer with bubble-net predation for modeling fluidized catalytic cracking unit main fractionator 2022 , 12, 7548	1
53	An enhanced honey badger algorithm based on L\(\mathbb{U} \) flight and refraction opposition-based learning for engineering design problems. 2022 , 1-24	1
52	A new implementation of the MPPT based raspberry Pi embedded board for partially shaded photovoltaic system. 2022 , 8, 5603-5619	1
51	Multiobjective Oriented Task Scheduling in Heterogeneous Mobile Edge Computing Networks. 2022 , 1-1	O
50	A ranking-based adaptive cuckoo search algorithm for unconstrained optimization. 2022, 117428	2
49	Parameter extraction of photovoltaic cell based on a multi-objective approach using nondominated sorting cuckoo search optimization. 2022 , 239, 359-374	O
48	A new algorithm to generate non-uniformly dispersed representative volume elements of composite materials with high volume fractions. 2022 , 219, 110750	0
47	Operations management of large hydro P V hybrid power plants: case studies in China. 2022 , 439-502	
46	Stochastic configuration network based on improved whale optimization algorithm for nonstationary time series prediction.	0
45	Adaptive TS fuzzy MPC based on Particle Swarm Optimization-Cuckoo Search algorithm. 2022,	O

44	Hybrid Optimal Design of Square Highly Uniform Magnetic Field Coils. 2022, 1-1	1
43	EFTA: An Energy-efficient, Fault-Tolerant, and Area-optimized UAV Placement Scheme for Search Operations. 2022 ,	1
42	Enhanced reptile search algorithm with L \overline{u} y flight for vehicle cruise control system design.	0
41	A New Frequency Analysis Operator for Population Improvement in Genetic Algorithms to Solve the Job Shop Scheduling Problem. 2022 , 22, 4561	O
40	Gas Concentration Prediction Based on IWOA-LSTM-CEEMDAN Residual Correction Model. 2022 , 22, 4412	5
39	FPRM Circuit Area Optimization Based on MRFOtent Algorithm. 2022 ,	
38	Optimal Distribution Network Reconfiguration Using Multi-Objective Cuckoo Search Algorithm. 2022 , 23, 114-124	
37	The Mosaic of Metaheuristic Algorithms in Structural Optimization.	2
36	BMPA-TVSinV: A Binary Marine Predators Algorithm using time-varying sinus and V-shaped transfer functions for wrapper-based feature selection. 2022 , 109446	0
35	An effective multi-objective artificial hummingbird algorithm with dynamic elimination-based crowding distance for solving engineering design problems. 2022 , 398, 115223	3
34	Development of L \mathbb{Q} y flight-based reptile search algorithm with local search ability for power systems engineering design problems.	1
33	Modeling and Stability Analysis of Distributed Secondary Control Scheme for Stand-Alone DC Microgrid Applications. 2022 , 15, 5411	1
32	Optimal Design of Damped Structure with Inerter System Based on Modified Harmony Search Algorithm. 2022 , 2022, 1-17	
31	Survey of L [®] y Flight-Based Metaheuristics for Optimization. 2022 , 10, 2785	1
30	Rolling bearing fault diagnosis based on CS-optimized multiscale dispersion entropy and ML-KNN. 2022 , 44,	
29	Multi-strategy modified INFO algorithm: Performance analysis and application to functional electrical stimulation system. 2022 , 64, 101836	O
28	Battery degradation diagnosis with field data, impedance-based modeling and artificial intelligence. 2022 , 53, 391-403	4
27	Introduction to optimization techniques for sizing and management of integrated power systems. 2023 , 1-40	o

26	Does Bwarm Intelligence Support Reductive Physicalism?. 1-17	O
25	Comparative study of modern heuristic algorithms for global maximum power point tracking in photovoltaic systems under partial shading conditions. 10,	O
24	An Effective Secured Dynamic Network-Aware Multi-Objective Cuckoo Search Optimization for Live VM Migration in Sustainable Data Centers. 2022 , 14, 13670	0
23	Elite-guided multi-objective cuckoo search algorithm based on crossover operation and information enhancement.	О
22	Unified space approach-based Dynamic Switched Crowding (DSC): A new method for designing Pareto-based multi/many-objective algorithms. 2022 , 75, 101196	0
21	Multi-objective scheduling in the vegetable processing and packaging facility using metaheuristic based framework. 2023 , 137, 1-19	О
20	Near-Infrared data classification at phone terminal based on the combination of PCA and CS-RBFSVC algorithms. 2023 , 287, 122080	1
19	Optimum pricing of smart home appliances based on carbon emission and system cost. 2022 , 8, 15027-15039	О
18	Application of a Parallel Adaptive Cuckoo Search Algorithm in the Rectangle Layout Problem. 2023 , 135, 2173-2196	0
17	Optimal allocation of water resources in Guyuan City based on improved NSGA-III algorithm.	О
16	Evaluation of stochastic optimal operation models for hydrophotovoltaic hybrid generation systems. 2022 , 126500	О
15	Improved Reptile Search Optimization Algorithm: Application on Regression and Classification Problems. 2023 , 13, 945	2
14	A Novel Process of Parsing Event-Log Activities for Process Mining Based on Information Content. 2023 , 12, 289	0
13	Refining long-term operation of large hydrophotovoltaic wind hybrid systems by nesting response functions. 2023 , 204, 359-371	О
12	Analytical Study of Intelligent controller with different objective function to control a complex non-linear system. 2022 ,	0
11	Tournament constriction coefficient based particle swarm optimization (TPSO-Co) for engineering design optimization problems.	O
10	Simultaneous aerodynamic and structural optimisation of a low-speed horizontal-axis wind turbine blade using metaheuristic algorithms. 2023 ,	0
9	A Review of Swarm Robotics in a NutShell. 2023 , 7, 269	O

8	Development of a rigorous and generalized model on the hydrothermal liquefaction (HTL) process for bio-oil production. 2023 , 171, 541-554	1
7	An optimization method for vibration suppression and energy dissipation of an axially moving string with hybrid nonclassical boundaries. 2023 , 37, 1177-1187	О
6	Life-cycle cost-oriented multiobjective optimization of composite frames considering the slab effect.	0
5	Reposition optimization in the free-floating bike-sharing system considering transferring travels from urban rail transit. 2023 , 178, 109127	О
4	Hybrid artificial electric field employing cuckoo search algorithm with refraction learning for engineering optimization problems. 2023 , 13,	0
3	A Comparative Study of State-of-the-art Metaheuristics for Solving Many-objective Optimization Problems of Fixed Wing Unmanned Aerial Vehicle Conceptual Design.	O
2	Multiple Strategies Boosted Orca Predation Algorithm for Engineering Optimization Problems. 2023 , 16,	О
1	Leaf Spot Disease Severity Measurement in Terminalia Arjuna Using Optimized Superpixels. 2023 , 722-735	Ο