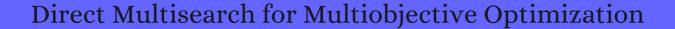
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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
218	Multi-objective optimization design method of the high-speed train head. 2013 , 14, 631-641		16
217	A multi-objective approach to the application of real-world production scheduling. 2013 , 40, 5839-5853	}	16
216	Optimal design for active damping in sandwich structures using the Direct MultiSearch method. 2013 , 105, 29-34		24
215	A multi-objective optimal PID control for a nonlinear system with time delay. 2013 , 3, 063006		7
214	Simulation-based process windows simultaneously considering two and three conflicting criteria in injection molding. 2014 , 2, 603-623		3
213	A Linesearch-Based Derivative-Free Approach for Nonsmooth Constrained Optimization. <i>SIAM Journal on Optimization</i> , 2014 , 24, 959-992	2	33
212	Generic design methodology for the development of three-dimensional structured-light sensory systems for measuring complex objects. 2014 , 53, 112210		3
211	A Survey on Direct Search Methods for Blackbox Optimization and Their Applications. 2014 , 31-56		22
210	Biobjective optimization for general oil field development. 2014 , 119, 123-138		56
209	A Derivative-Free Trust-Region Method for Biobjective Optimization. <i>SIAM Journal on Optimization</i> , 2014 , 24, 334-362	2	22
208	Multi-objective optimal design of feedback controls for dynamical systems with hybrid simple cell mapping algorithm. 2014 , 19, 1465-1473		29
207	Weight and power optimization of steam bottoming cycle for offshore oil and gas installations. 2014 , 76, 891-898		24
206	Multi-objective Optimization of a Rectisol Process. 2014 , 1249-1254		8
205	Node adaptation for global collocation with radial basis functions using direct multisearch for multiobjective optimization. 2014 , 39, 5-14		3
204	Materials selection for a set of multiple parts considering manufacturing costs and weight reduction with structural isoperformance using direct multisearch optimization. 2015 , 52, 635-644		8
203	Integration of AI and OR Techniques in Constraint Programming. 2015,		
202	Optimal design of viscoelastic damping structures using layerwise finite element analysis and multi-objective genetic algorithm. 2015 , 157, 1-8		27

201	A deterministic multiobjective optimizer. 2015 , 34, 1351-1363	1
200	Differential evolution optimization for the analysis of composite plates with radial basis collocation meshless method. 2015 , 124, 317-326	15
199	Multiobjective optimization of cold-formed steel columns. 2015 , 96, 29-38	19
198	Benchmarking Numerical Multiobjective Optimizers Revisited. 2015,	21
197	Combining Non-dominance, Objective-order and Spread Metric to Extend Firefly Algorithm to Multi-objective Optimization. 2015 , 292-306	2
196	Evolutionary Multi-Criterion Optimization. 2015,	2
195	Multiobjective design of viscoelastic laminated composite sandwich panels. 2015, 77, 391-401	58
194	Deterministic approaches for solving practical black-box global optimization problems. 2015 , 80, 58-66	46
193	Parallelization of a non-linear multi-objective optimization algorithm: Application to a location problem. 2015 , 255, 114-124	6
192	Multiobjective optimization of viscoelastic laminated sandwich structures using the Direct MultiSearch method. 2015 , 147, 229-235	28
191	A deterministic global optimization using smooth diagonal auxiliary functions. 2015 , 21, 99-111	54
190	Multiobjective optimization for node adaptation in the analysis of composite plates using a meshless collocation method. 2015 , 50, 109-116	7
189	Multi-objective constrained black-box optimization using radial basis function surrogates. 2016 , 16, 140-155	22
188	Multi-Objective Self Regulating Particle Swarm Optimization algorithm for BMOBench platform. 2016 ,	3
187	A Derivative-Free Approach to Constrained Multiobjective Nonsmooth Optimization. <i>SIAM Journal on Optimization</i> , 2016 , 26, 2744-2774	28
186	A surrogate-assisted evolution strategy for constrained multi-objective optimization. 2016 , 57, 270-284	49
185	Use of a biobjective direct search algorithm in the process design of material science applications. 2016 , 17, 27-45	15
184	A Method for Constrained Multiobjective Optimization Based on SQP Techniques. <i>SIAM Journal on Optimization</i> , 2016 , 26, 2091-2119	34

183	Optimization of a wind powered desalination and pumped hydro storage system. 2016, 177, 487-499	71
182	Mixed integer multi-objective optimization of composite structures with frequency-dependent interleaved viscoelastic damping layers. 2016 , 172, 81-92	18
181	Efficient skewness/semivariance portfolios. 2016 , 17, 331-346	6
180	A bi-objective optimization framework for three-dimensional road alignment design. 2016 , 65, 61-78	29
179	Real-Time Pose Detection for Magnetic-Assisted Medical Applications by Means of a Hybrid Deterministic/Stochastic Optimization Method. 2016 , 52, 1-4	1
178	A scalarization proximal point method for quasiconvex multiobjective minimization. 2016 , 64, 79-96	14
177	Trust region globalization strategy for the nonconvex unconstrained multiobjective optimization problem. 2016 , 159, 339-369	16
176	Barzilai and Borwein method for multiobjective optimization problems. 2016 , 72, 539-604	6
175	Identifying (Quasi) Equally Informative Subsets in Feature Selection Problems for Classification: A Max-Relevance Min-Redundancy Approach. 2016 , 46, 1424-37	29
174	Multiobjective optimization of constrained layer damping treatments in composite plate structures. 2017 , 24, 427-436	19
173	Multi-Objective Optimization of Elastic Beams for Noise Reduction. 2017 , 139,	12
172	Deterministic Global Optimization. 2017 ,	42
171	Formulation and parameter selection of multi-objective deterministic particle swarm for simulation-based optimization. 2017 , 58, 714-731	23
170	Portfolio choice with high frequency data: CRRA preferences and the liquidity effect. 2017 , 16, 65-86	1
169	Multi-objective retrospective optimization using stochastic zigzag search. 2017, 263, 946-960	3
168	Multi-objective Optimization of Non-uniform Beam for Minimum Weight and Sound Radiation. 2017 , 23, 380-393	2
167	Optimal Cruciform Specimen Design Using the Direct Multi-search Method and Design Variable Influence Study. 2017 , 5, 659-666	4
166	Active vibration attenuation in viscoelastic laminated composite panels using multiobjective optimization. 2017 , 128, 53-66	23

165	Rail vehicle design optimization for operation in a mountainous railway track. 2017, 2, 1	7
164	Multiobjective design optimization of laminated composite plates with piezoelectric layers. 2017 , 169, 10-20	13
163	MultiGLODS: global and local multiobjective optimization using direct search. 2018, 72, 323-345	11
162	Inexact Multi-Objective Local Search Proximal Algorithms: Application to Group Dynamic and Distributive Justice Problems. 2018 , 177, 181-200	4
161	Pareto-aware strategies for faster convergence in multi-objective multi-scale search optimization. 2018 , 454-455, 1-15	3
160	The Proximal Point Method for Locally Lipschitz Functions in Multiobjective Optimization with Application to the Compromise Problem. <i>SIAM Journal on Optimization</i> , 2018 , 28, 1104-1120	15
159	Selecting composite materials considering cost and environmental impact in the early phases of aircraft structure design. 2018 , 186, 113-122	31
158	Multi-objective Optimization Design Method of the High-Speed Train Head. 2018 , 165-182	1
157	Process selection, modelling and optimization of a water scrubbing process for energy-self-sufficient biogas upgrading plants. 2018 , 27, 63-73	11
156	Multiobjective optimization of ceramic-metal functionally graded plates using a higher order model. 2018 , 183, 146-160	31
155	Proximal point method for a special class of nonconvex multiobjective optimization functions. 2018 , 12, 311-320	6
154	DABE: Differential evolution in analogy-based software development effort estimation. 2018 , 38, 158-172	34
153	An implicit filtering algorithm for derivative-free multiobjective optimization with box constraints. 2018 , 69, 267-296	12
152	A multi-objective DIRECT algorithm for ship hull optimization. 2018 , 71, 53-72	13
151	Multi-Objective Simultaneous Optimistic Optimization. 2018 , 424, 159-174	6
150	Quasi-Newton methods for multiobjective optimization problems. 2018 , 16, 261-294	4
149	Proportional-Integral State-Feedback Controller Optimization for a Full-Car Active Suspension Setup using a Genetic Algorithm. 2018 , 51, 1-6	4
148	Optimal multiobjective design of a vehicle restraint system using pre-acting control. 2018 , 14, 756-768	

147	MO-MCS, a Derivative-Free Algorithm for the Multiobjective Optimization of Adsorption Processes. 2018 , 57, 9977-9993		15
146	A stochastic multiple gradient descent algorithm. 2018 , 271, 808-817		27
145	Integrated Planning of Energy and Water Supply in Islands. 2018, 331-374		1
144	A Survey of Recent Trends in Multiobjective Optimal ControlBurrogate Models, Feedback Control and Objective Reduction. 2018 , 23, 30		31
143	A tutorial on multiobjective optimization: fundamentals and evolutionary methods. 2018 , 17, 585-609		219
142	Automatic Software and Computing Hardware Codesign for Predictive Control. 2019 , 27, 2295-2304		6
141	Non-convex multiobjective optimization under uncertainty: a descent algorithm. Application to sandwich plate design and reliability. 2019 , 51, 733-752		1
140	Ramp rate abatement for wind power plants: A techno-economic analysis. 2019 , 254, 113600		10
139	Constrained multi-objective optimization algorithms: Review and comparison with application in reinforced concrete structures. 2019 , 83, 105631		44
138	Numerical results for the multiobjective trust region algorithm MHT. 2019 , 25, 104103		3
137	Review of some Constrained Optimization Schemes. 2019 , 1-15		
136	Derivative-Free Feasible Backtracking Search Methods for Nonlinear Multiobjective Optimization with Simple Boundary Constraint. 2019 , 36, 1950012		1
135	Improving the Flexibility and Robustness of Model-based Derivative-free Optimization Solvers. 2019 , 45, 1-41		33
134	Towards a generic optimal co-design of hardware architecture and control configuration for interacting subsystems. 2019 , 63, 102275		7
133	Derivative-free optimization methods. 2019 , 28, 287-404		92
132	Characterization and optimization of hybrid carbonglass epoxy composites under combined loading. 2019 , 53, 2593-2605		8
131	A Trust-Region Algorithm for Heterogeneous Multiobjective Optimization. <i>SIAM Journal on Optimization</i> , 2019 , 29, 1017-1047	2	14
130	Constrained Multi-Objective Optimization for Automated Machine Learning. 2019,		5

(2020-2019)

R-Mgspline: Retrospective Multi-Gradient Search for Multi-Objective Simulation Optimization on Integer Lattices. **2019**,

128	. 2019,	O
127	Application of Multiobjective Optimization Based on Differences of Modal Displacements and Modal Rotations for Damage Quantification in Beams. 2019 , 1009-1019	1
126	Multi-objective optimization of pultruded composite sandwich panels for building floor rehabilitation. 2019 , 198, 465-478	20
125	Key quality characteristics selection for imbalanced production data using a two-phase bi-objective feature selection method. 2019 , 274, 978-989	13
124	Revisiting norm optimization for multi-objective black-box problems: a finite-time analysis. 2019 , 73, 659-673	3
123	Multiobjective optimization of functionally graded material plates with thermo-mechanical loading. 2019 , 207, 845-857	21
122	A survey on handling computationally expensive multiobjective optimization problems with evolutionary algorithms. 2019 , 23, 3137-3166	102
121	A sequential quadratically constrained quadratic programming technique for a multi-objective optimization problem. 2019 , 51, 22-41	7
120	Portfolio management with higher moments: the cardinality impact. 2019 , 26, 2531-2560	7
119	Multiobjective optimization for vibration reduction in composite plate structures using constrained layer damping. 2020 , 232, 105810	17
118	A concave optimization-based approach for sparse multiobjective programming. 2020 , 14, 535-556	1
117	Optimization and modelling methodologies for electro-viscoelastic sandwich design for noise reduction. 2020 , 235, 111778	4
116	On the use of polynomial models in multiobjective directional direct search. 2020 , 77, 897-918	2
115	Computationally efficient approach for solving lexicographic multicriteria optimization problems. 2020 , 15, 2469	3
114	Optimization of a thin-walled composite crash absorber. 2020 , 155, 106826	6
113	Inexact Proximal Point Methods for Multiobjective Quasiconvex Minimization on Hadamard Manifolds. 2020 , 186, 879-898	5
112	A Discussion on Variational Analysis in Derivative-Free Optimization. 2020 , 28, 643-659	3

111	Optimal distribution of active piezoelectric elements for noise attenuation in sandwich panels. 2020 , 11, 400-416	Ο
110	Multi-objective genetic algorithm optimization of composite sandwich plates using a higher-order theory. 2020 , 42, 1	4
109	Environmental and economic optimisation of buildings for different climates. 2020 , 588, 032033	
108	An inexact scalarization proximal point method for multiobjective quasiconvex minimization. 2020 , 1	3
107	On the convergence of steepest descent methods for multiobjective optimization. 2020 , 77, 1-27	4
106	Biobjective Simulation Optimization on Integer Lattices Using the Epsilon-Constraint Method in a Retrospective Approximation Framework. 2020 ,	
105	Multiobjective optimization solutions for noise reduction in composite sandwich panels using active control. 2020 , 247, 112440	7
104	Multi-objective feature selection using hybridization of a genetic algorithm and direct multisearch for key quality characteristic selection. 2020 , 523, 245-265	21
103	Economic multi-objective approach to design off-grid microgrids: A support for business decision making. 2020 , 159, 693-704	20
102	An augmented Lagrangian algorithm for multi-objective optimization. 2020 , 77, 29-56	4
101	Optimal passive shunted damping configurations for noise reduction in sandwich panels. 2020 , 26, 1110-1118	2
101	Optimal passive shunted damping configurations for noise reduction in sandwich panels. 2020 , 26, 1110-1118 Design optimization of moderately thick hexagonal honeycomb sandwich plate with modified multi-objective particle swarm optimization by genetic algorithm (MOPSOGA). 2020 , 252, 112626	8
	Design optimization of moderately thick hexagonal honeycomb sandwich plate with modified	
100	Design optimization of moderately thick hexagonal honeycomb sandwich plate with modified multi-objective particle swarm optimization by genetic algorithm (MOPSOGA). 2020 , 252, 112626	8
100	Design optimization of moderately thick hexagonal honeycomb sandwich plate with modified multi-objective particle swarm optimization by genetic algorithm (MOPSOGA). 2020, 252, 112626 Optimization of a composite impact attenuator for a formula student car. 2020, 1-11 Hybridization of Multi-Objective Deterministic Particle Swarm with Derivative-Free Local Searches.	1
100 99 98	Design optimization of moderately thick hexagonal honeycomb sandwich plate with modified multi-objective particle swarm optimization by genetic algorithm (MOPSOGA). 2020, 252, 112626 Optimization of a composite impact attenuator for a formula student car. 2020, 1-11 Hybridization of Multi-Objective Deterministic Particle Swarm with Derivative-Free Local Searches. 2020, 8, 546 Design optimization of functionally graded plates under thermo-mechanical loadings to minimize	816
100999897	Design optimization of moderately thick hexagonal honeycomb sandwich plate with modified multi-objective particle swarm optimization by genetic algorithm (MOPSOGA). 2020, 252, 112626 Optimization of a composite impact attenuator for a formula student car. 2020, 1-11 Hybridization of Multi-Objective Deterministic Particle Swarm with Derivative-Free Local Searches. 2020, 8, 546 Design optimization of functionally graded plates under thermo-mechanical loadings to minimize stress, deformation and mass. 2020, 245, 112360 The proximal point method with a vectorial Bregman regularization in multiobjective DC	816

(2021-2021)

93	Worst-Case Complexity Bounds of Directional Direct-Search Methods for Multiobjective Optimization. 2021 , 188, 73-93	1
92	Expensive multi-objective optimization of electromagnetic mixing in a liquid metal. 2021 , 22, 1065-1089	3
91	Design Methodology for Industrial Internet-of-Things Wireless Systems. 2021 , 21, 5529-5542	5
90	On the Extension of the DIRECT Algorithm to Multiple Objectives. 2021 , 79, 387-412	2
89	Multiobjective Sustainable Operation Dynamics and Optimization. 2021, 68, 1126-1138	1
88	A bi-level programming framework for identifying optimal parameters in portfolio selection. 2022 , 29, 87-112	1
87	A Globally Convergent SQCQP Method for Multiobjective Optimization Problems. <i>SIAM Journal on Optimization</i> , 2021 , 31, 91-113	2
86	Multi-objective frequency and damping optimization of tow-steered composite laminates. 2021 , 256, 112932	5
85	Escaping local minima with local derivative-free methods: a numerical investigation. 1-31	1
84	REVIEW OF THE MULTI-OBJECTIVE SWARM INTELLIGENCE OPTIMIZATION ALGORITHMS. 2021 , 20, 171-211	2
83	A Computationally Low-Cost Method for Capturing Airframe Flexibility Effects in Landing Dynamic Simulations. 2021 , 16,	
82	DMulti-MADS: mesh adaptive direct multisearch for bound-constrained blackbox multiobjective optimization. 2021 , 79, 301-338	1
81	The stochastic multi-gradient algorithm for multi-objective optimization and its application to supervised machine learning. 1	3
80	Subsystem selection for digital twin development: A case study on an unmanned underwater vehicle. 2021 , 223, 108629	3
79	Stochastic Multiobjective Optimization: A Descent Algorithm. 2021 , 279-318	
78	Learning the best nanoscale heat engines through evolving network topology. 2021, 4,	2
77	Derivative-Free Multiobjective Trust Region Descent Method Using Radial Basis Function Surrogate Models. 2021 , 26, 31	1
76	Multicriteria optimization of variable thickness plates using adaptive weighted sum method. 2021 , 46, 1	O

75	A branch-and-bound algorithm based on NSGAII for multi-objective mixed integer nonlinear optimization problems. 1-19	6
74	Asset classification under the IFRS 9 framework for the construction of a banking investment portfolio.	1
73	Coupling economic multi-objective optimization and multiple design options: A business-oriented approach to size an off-grid hybrid microgrid. 2021 , 127, 106686	8
72	A multi-objective optimization method for industrial park layout design: The trade-off between economy and safety. 2021 , 235, 116471	4
71	A multi-objective optimisation model to reduce greenhouse gas emissions and costs in offshore natural gas upstream chains. 2021 , 297, 126625	9
7º	An adaptive direct multisearch method for black-box multi-objective optimization. 1	Ο
69	Sparse High-Order Portfolios Via Proximal Dca And Sca. 2021 ,	1
68	Biobjective Optimization of Well Placement: Algorithm, Validation, and Field Testing (includes associated errata). 2021 , 1-28	4
67	DMS and MultiGLODS. 2021 ,	0
66	Stochastic investigation for solid-state transformer integration in distributed energy resources integrated active distribution network. e13056	1
65	Design optimization of a cardiovascular stent with application to a balloon expandable prosthetic heart valve. 2021 , 209,	2
64	Thermo-mechanical design optimization of symmetric and non-symmetric sandwich plates with ceramic-metal-ceramic functionally graded core to minimize stress, deformation and mass. 2021 , 276, 114496	2
63	Conditional gradient method for multiobjective optimization. 2021, 78, 741-768	1
62	Silhouetting the Cost-Time Front: Multi-objective Resource Optimization in Business Processes. 2021 , 92-108	Ο
61	Pareto front approximation through a multi-objective augmented Lagrangian method. 2021 , 9, 100008	1
60	On Generalizing Lipschitz Global Methods forMultiobjective Optimization. 2015 , 264-278	3
59	Introduction: Tools and Challenges in Derivative-Free and Blackbox Optimization. 2017, 3-14	5
58	Efficient Robust Design for Thermoacoustic Instability Analysis: A Gaussian Process Approach. 2020 , 142,	2

57	Pseudo-Rigid-Body Dynamic Models for Design of Compliant Members. 2020, 142,	2
56	Domination Measure: A New Metric for Solving Multiobjective Optimization. 2020 , 32, 565-581	2
55	Twenty years of continuous multiobjective optimization in the twenty-first century. 2021 , 9, 100014	1
54	A Review of Multi-objective Optimization: Methods and Algorithms in Mechanical Engineering Problems. 1	4
53	Comparison of Multi-objective Algorithms Applied to Feature Selection. 2013, 359-375	2
52	Derivative-Free Optimization: Lifting Single-Objective to Multi-Objective Algorithm. 2015 , 124-140	
51	Biobjective Optimization. 2017 , 247-262	O
50	Design Optimization of Synchronous Reluctance Motor for Low Torque Ripple. 2019 , 53-69	7
49	Compliance model of Exechon manipulators with an offset wrist. 2022, 167, 104558	1
48	Filled Fonksiyonunda Yeni Bir Stokastik Arama Yfitemi.	
48	Filled Fonksiyonunda Yeni Bir Stokastik Arama Ylltemi. Comparison of Different Course Controllers of Biomimetic Underwater Vehicle with Two Tail Fins. 2020, 1507-1518	2
	Comparison of Different Course Controllers of Biomimetic Underwater Vehicle with Two Tail Fins.	2 O
47	Comparison of Different Course Controllers of Biomimetic Underwater Vehicle with Two Tail Fins. 2020, 1507-1518 Impact of the wake deficit model on wind farm yield: A study of yaw-based control optimization.	
47	Comparison of Different Course Controllers of Biomimetic Underwater Vehicle with Two Tail Fins. 2020, 1507-1518 Impact of the wake deficit model on wind farm yield: A study of yaw-based control optimization. 2022, 220, 104827	O
47 46 45	Comparison of Different Course Controllers of Biomimetic Underwater Vehicle with Two Tail Fins. 2020, 1507-1518 Impact of the wake deficit model on wind farm yield: A study of yaw-based control optimization. 2022, 220, 104827 Analytical Modeling and Design Optimization of a Vernier Permanent Magnet Motor. 2021,	O
47 46 45 44	Comparison of Different Course Controllers of Biomimetic Underwater Vehicle with Two Tail Fins. 2020, 1507-1518 Impact of the wake deficit model on wind farm yield: A study of yaw-based control optimization. 2022, 220, 104827 Analytical Modeling and Design Optimization of a Vernier Permanent Magnet Motor. 2021, Multi-objective Design Optimization of Sandwich Panel. 2022, 2347-2354	O
47 46 45 44 43	Comparison of Different Course Controllers of Biomimetic Underwater Vehicle with Two Tail Fins. 2020, 1507-1518 Impact of the wake deficit model on wind farm yield: A study of yaw-based control optimization. 2022, 220, 104827 Analytical Modeling and Design Optimization of a Vernier Permanent Magnet Motor. 2021, Multi-objective Design Optimization of Sandwich Panel. 2022, 2347-2354 Multi-Criteria Design Optimization of Delta Robot with Four Degrees of Freedom. 2022, 10-19 Multi-objective optimization of composite airfoil fibre orientation under bendingBorsion coupling	0

39	A multi-objective chimp optimization algorithm for seismicity de-clustering. 2022, 121, 108742	1
38	A study of Liu-Storey conjugate gradient methods for vector optimization. 2022 , 425, 127099	
37	A robust convex optimization approach to design a hierarchical organ transplant network: A case study. 2022 , 197, 116716	0
36	Clarke Subdifferential, Pareto-Clarke Critical Points and Descent Directions to Multiobjective Optimization on Hadamard Manifolds. 2022 , 182-192	
35	Accuracy and fairness trade-offs in machine learning: a stochastic multi-objective approach. 1	0
34	A Nonmonotone Projected Gradient Method for Multiobjective Problems on Convex Sets. 1	
33	A penalty decomposition approach for multi-objective cardinality-constrained optimization problems. 1-33	
32	Using first-order information in direct multisearch for multiobjective optimization. 1-22	O
31	Convergence rates analysis of a multiobjective proximal gradient method.	1
30	Support Vector Machine with feature selection: A multiobjective approach. 2022 , 117485	O
29	Fixed set search applied to the multi-objective minimum weighted vertex cover problem. 1	2
28	Robust multi-response optimization considering location effect, dispersion effect, and model uncertainty using hybridization of NSGA-II and direct multi-search. 2022 , 108247	O
27	Bi-objective resource-constrained project scheduling problem with time-dependent resource costs. 2022 , 63, 506-523	O
26	Algorithm XXXX: VTMOP: Solver for Blackbox Multiobjective Optimization Problems.	O
25	Efficient k-means clustering and greedy selection-based reduction of nodal search space for optimization of sensor placement in the water distribution networks 2022 , 118666	O
24	Identifying steep pareto fronts in multicomponent adsorption using a novel elliptical method.	
23	Fractal domain refinement of models simulating hydrological time series.	
22	A two-phase framework with a bilier simplex-based interpolation method for computationally expensive multi-objective optimization. 2022 ,	

Integral Global Optimality Conditions and an Algorithm for Multiobjective Problems. 1-24 21 Inexact proximal point algorithm for quasiconvex optimization problems on Hadamard manifolds. 1-24 20 Optimizing in-situ product removal operation in a bioreactor for different production scenarios. 19 **2022**, 55, 768-773 A Quasi-Newton Method with Wolfe Line Searches for Multiobjective Optimization. 2022, 194, 1107-1140 18 Parallel strategies for Direct Multisearch. O 17 Adoption of the Synchronous Reluctance Motor in Electric Vehicles: a Focus on the Flux Weakening Capability. 2022, 1-1 A procedure for the assessment of unknown parameters in modeling defective bearings through 15 O multi-objective optimization. 2023, 185, 109783 Globally convergent Newton-type methods for multiobjective optimization. 2022, 83, 403-434 14 Optimal resistive shunted damping configurations for multi-modal noise reduction in sandwich \circ 13 panels. A modified multi-objective slime mould algorithm with orthogonal learning for numerical 12 association rules mining. Optimising bioreactor processes with in-situ product removal using mathematical programming: A 11 O case study for propionate production. 2022, 168, 108059 A memetic procedure for global multi-objective optimization. 10 \circ Surrogate optimization of a lattice foot orthotic. 2022, 106376 O 9 Decision support system (DSS) for selecting sustainable insulation material using Pareto search and novel fuzzy-modified technique for order of preference by similarity to ideal solution (TOPSIS) 8 approach. 1-14 Property of decision variables-inspired location strategy for multiobjective optimization. 2022, 101226 О 7 Multi-objective optimization of geosynthetic-reinforced and pile-supported embankments. Memory gradient method for multiobjective optimization. 2023, 443, 127791 Ο 5 Biomechanical Design Optimization of Passive Exoskeletons through Surrogate Modeling on Industrial Activity Data. 2022,

3 Improved front steepest descent for multi-objective optimization. **2023**, 51, 242-247

О

A limited memory Quasi-Newton approach for multi-objective optimization. **2023**, 85, 33-73

O

Approach to the design of different types of intraocular lenses based on an improved sinusoidal profile. **2023**, 14, 2821

О