Panos M Pardalos

List of Publications by Year
in descending order

319 papers	7,217 citations	66343 42 h-index	98798 67 g-index
339 all docs	339 docs citations	339 times ranked	5523 citing authors

#	Article	IF	Citations
1	An exact algorithm for the maximum clique problem. Operations Research Letters, 1990, 9, 375-382.	0.7	425
2	A survey of recent developments in multiobjective optimization. Annals of Operations Research, 2007, 154, 29-50.	4.1	260
3	Quantification of network structural dissimilarities. Nature Communications, 2017, 8, 13928.	12.8	166
4	Investigating the impacting factors for the healthcare professionals to adopt artificial intelligence-based medical diagnosis support system (AIMDSS). Annals of Operations Research, 2020, 294, 567-592.	4.1	145
5	Connectivity brain networks based on wavelet correlation analysis in Parkinson fMRI data. Neuroscience Letters, 2011, 499, 47-51.	2.1	136
6	Application of Machine Learning Techniques to High-Dimensional Clinical Data to Forecast Postoperative Complications. PLoS ONE, 2016, 11, e0155705.	2.5	134
7	Continuous Characterizations of the Maximum Clique Problem. Mathematics of Operations Research, 1997, 22, 754-768.	1.3	125
8	Operating room planning and surgical case scheduling: a review of literature. Journal of Combinatorial Optimization, 2019, 37, 757-805.	1.3	119
9	On maximum clique problems in very large graphs. DIMACS Series in Discrete Mathematics and Theoretical Computer Science, 1999, , 119-130.	0.0	116
10	On New Approaches of Assessing Network Vulnerability: Hardness and Approximation. IEEE/ACM Transactions on Networking, 2012, 20, 609-619.	3.8	115
11	A branch and bound algorithm for the maximum clique problem. Computers and Operations Research, 1992, 19, 363-375.	4.0	104
12	Iterated local search embedded adaptive neighborhood selection approach for the multi-depot vehicle routing problem with simultaneous deliveries and pickups. Expert Systems With Applications, 2015, 42, 3551-3561.	7.6	90
13	A decomposition approach to the two-stage stochastic unit commitment problem. Annals of Operations Research, 2013, 210, 387-410.	4.1	89
14	Filled functions for unconstrained global optimization. Journal of Global Optimization, 2001, 20, 49-65.	1.8	88
15	Efficiency Conditions and Duality for a Class of Multiobjective Fractional Programming Problems. Journal of Global Optimization, 2003, 27, 447-471.	1.8	82
16	Simulated Annealing and Genetic Algorithms for the Facility Layout Problem: A Survey. Computational Optimization and Applications, 1997, 7, 111-126.	1.6	79
17	Network optimization in supply chain management and financial engineering: An annotated bibliography. Networks, 2003, 42, 66-84.	2.7	79
18	Optimization for a three-stage production system in the Internet of Things: procurement, production and product recovery, and acquisition. International Journal of Advanced Manufacturing Technology, 2016, 83, 689-710.	3.0	76

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19	Expanding Neighborhood GRASP for the Traveling Salesman Problem. Computational Optimization and Applications, 2005, 32, 231-257.	1.6	75
20	Global optimization of concave functions subject to quadratic constraints: An application in nonlinear bilevel programming. Annals of Operations Research, 1992, 34, 125-147.	4.1	73
21	A new bilevel formulation for the vehicle routing problem and a solution method using a genetic algorithm. Journal of Global Optimization, 2007, 38, 555-580.	1.8	71
22	Single-machine and parallel-machine serial-batching scheduling problems with position-based learning effect and linear setup time. Annals of Operations Research, 2019, 272, 217-241.	4.1	68
23	Multi-depot vehicle routing problem with time windows under shared depot resources. Journal of Combinatorial Optimization, 2016, 31, 515-532.	1.3	65
24	Electroencephalogram (EEG) time series classification: Applications in epilepsy. Annals of Operations Research, 2006, 148, 227-250.	4.1	62
25	Dynamic slope scaling and trust interval techniques for solving concave piecewise linear network flow problems. Networks, 2000, 35, 216-222.	2.7	61
26	Complexity analysis for maximum flow problems withÂarc reversals. Journal of Combinatorial Optimization, 2010, 19, 200-216.	1.3	60
27	Stochastic Hydro-Thermal Scheduling Under ${m CO}_{2}$ Emissions Constraints. IEEE Transactions on Power Systems, 2012, 27, 58-68.	6.5	60
28	Non-Convex Multi-Objective Optimization. Springer Optimization and Its Applications, 2017, , .	0.9	60
29	Algorithms for the solution of quadratic knapsack problems. Linear Algebra and Its Applications, 1991, 152, 69-91.	0.9	59
30	A mixed integer programming approach for optimal power grid intentional islanding. Energy Systems, 2012, 3, 77-93.	3.0	59
31	Seizure warning algorithm based on optimization and nonlinear dynamics. Mathematical Programming, 2004, 101, 365.	2.4	58
32	A continuous based heuristic for the maximum clique problem. DIMACS Series in Discrete Mathematics and Theoretical Computer Science, 1996, , 103-124.	0.0	56
33	Generating quadratic assignment test problems with known optimal permutations. Computational Optimization and Applications, 1992, 1, 163-184.	1.6	55
34	Test case generators and computational results for the maximum clique problem. Journal of Global Optimization, 1993, 3, 463-482.	1.8	54
35	The wireless network jamming problem. Journal of Combinatorial Optimization, 2007, 14, 481-498.	1.3	53
36	A Hybrid Geneticâ€"GRASP Algorithm Using Lagrangean Relaxation for the Traveling Salesman Problem. Journal of Combinatorial Optimization, 2005, 10, 311-326.	1.3	48

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37	The Pattern of Longitudinal Change in Serum Creatinine and 90-Day Mortality After Major Surgery. Annals of Surgery, 2016, 263, 1219-1227.	4.2	48
38	Feature Selection for Consistent Biclustering via Fractional 0–1 Programming. Journal of Combinatorial Optimization, 2005, 10, 7-21.	1.3	47
39	A class of linear complementarity problems solvable in polynomial time. Linear Algebra and Its Applications, 1991, 152, 3-17.	0.9	46
40	Improvements to MCS algorithm for the maximum clique problem. Journal of Combinatorial Optimization, 2014, 27, 397-416.	1.3	45
41	Prediction of Human Epileptic Seizures based on Optimization and Phase Changes of Brain Electrical Activity. Optimization Methods and Software, 2003, 18, 81-104.	2.4	44
42	Optimality conditions and duality for nondifferentiable multiobjective fractional programming with generalized convexity. Annals of Operations Research, 2007, 154, 133-147.	4.1	44
43	A Branch and Cut solver for the maximum stable set problem. Journal of Combinatorial Optimization, 2011, 21, 434-457.	1.3	44
44	Optimization techniques applied to planning of electric power distribution systems: a bibliographic survey. Energy Systems, 2018, 9, 473-509.	3.0	44
45	Title is missing!. Journal of Combinatorial Optimization, 2002, 6, 287-297.	1.3	43
46	Linear and quadratic programming approaches for the general graph partitioning problem. Journal of Global Optimization, 2010, 48, 57-71.	1.8	43
47	Prediction of electricity energy consumption of Turkey via artificial bee colony: a case study. Energy Systems, 2013, 4, 289-300.	3.0	43
48	Scheduling deteriorating jobs on a single serial-batching machine with multiple job types and sequence-dependent setup times. Annals of Operations Research, 2017, 249, 175-195.	4.1	42
49	Finding independent sets in a graph using continuous multivariable polynomial formulations. Journal of Global Optimization, 2001, 21, 111-137.	1.8	41
50	An Algorithm for the Job Shop Scheduling Problem based on Global Equilibrium Search Techniques. Computational Management Science, 2006, 3, 331-348.	1.3	39
51	A biased random-key genetic algorithm for road congestion minimization. Optimization Letters, 2010, 4, 619-633.	1.6	39
52	Feature selection based on meta-heuristics for biomedicine. Optimization Methods and Software, 2014, 29, 703-719.	2.4	38
53	Application of an effective modified gravitational search algorithm for the coordinated scheduling problem in a two-stage supply chain. International Journal of Advanced Manufacturing Technology, 2014, 70, 335-348.	3.0	38
54	Testing for Environmental Kuznets Curve in the EU Agricultural Sector through an Eco-(in)Efficiency Index. Energies, 2017, 10, 1992.	3.1	38

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55	A Dynamic Domain Contraction Algorithm for Nonconvex Piecewise Linear Network Flow Problems*. Journal of Global Optimization, 2000, 17, 225-234.	1.8	37
56	Benefit analysis of shared depot resources for multi-depot vehicle routing problem with fuel consumption. Transportation Research, Part D: Transport and Environment, 2018, 59, 417-432.	6.8	36
57	Formulations and branch-and-cut algorithms for multi-product multi-vehicle production routing problems with startup cost. Expert Systems With Applications, 2018, 98, 1-10.	7.6	36
58	Dynamics of cluster structures in a financial market network. Physica A: Statistical Mechanics and Its Applications, 2014, 413, 523-533.	2.6	35
59	A 2-phase constructive algorithm for cumulative vehicle routing problems with limited duration. Expert Systems With Applications, 2016, 56, 48-58.	7.6	35
60	A novel perspective on multiclass classification: Regular simplex support vector machine. Information Sciences, 2019, 480, 324-338.	6.9	35
61	A Survey of Support Vector Machines with Uncertainties. Annals of Data Science, 2014, 1, 293-309.	3.2	34
62	An integer programming approach for finding the most and the least central cliques. Optimization Letters, 2015, 9, 615-633.	1.6	33
63	Serial-batching scheduling with time-dependent setup time and effects of deterioration and learning on a single-machine. Journal of Global Optimization, 2017, 67, 251-262.	1.8	33
64	Serial-batching group scheduling with release times and the combined effects of deterioration and truncated job-dependent learning. Journal of Global Optimization, 2018, 71, 147-163.	1.8	33
65	A hybrid VNS-HS algorithm for a supply chain scheduling problem with deteriorating jobs. International Journal of Production Research, 2018, 56, 5758-5775.	7.5	32
66	Discrete firefly algorithm with compound neighborhoods for asymmetric multi-depot vehicle routing problem in the maintenance of farm machinery. Applied Soft Computing Journal, 2019, 81, 105460.	7.2	32
67	Less is more approach: basic variable neighborhood search for the obnoxious <i>p</i>â€median problem. International Transactions in Operational Research, 2020, 27, 480-493.	2.7	32
68	Computational approaches and data analytics in financial services: A literature review. Journal of the Operational Research Society, 2019, 70, 1581-1599.	3.4	31
69	A tutorial on branch and cut algorithms for the maximum stable set problem. International Transactions in Operational Research, 2012, 19, 161-199.	2.7	29
70	Simple measure of similarity for the market graph construction. Computational Management Science, 2013, 10, 105-124.	1.3	29
71	Adaptive dynamic cost updating procedure for solving fixed charge network flow problems. Computational Optimization and Applications, 2008, 39, 37-50.	1.6	28
72	Lower Bound Improvement and Forcing Rule for Quadratic Binary Programming. Computational Optimization and Applications, 2006, 33, 187-208.	1.6	27

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73	Maximum lifetime connected coverage with two active-phase sensors. Journal of Global Optimization, 2013, 56, 559-568.	1.8	27
74	On the optimization properties of the correntropic loss function in data analysis. Optimization Letters, 2014, 8, 823-839.	1.6	27
75	Ramp-loss nonparallel support vector regression: Robust, sparse and scalable approximation. Knowledge-Based Systems, 2018, 147, 55-67.	7.1	27
76	Title is missing!. Journal of Global Optimization, 2003, 25, 3-21.	1.8	26
77	Speeding up branch and bound algorithms for solving the maximum clique problem. Journal of Global Optimization, 2014, 59, 1-21.	1.8	26
78	Finding multiple roots of a box-constrained system of nonlinear equations with a biased random-key genetic algorithm. Journal of Global Optimization, 2014, 60, 289-306.	1.8	26
79	Robust chance-constrained support vector machines with second-order moment information. Annals of Operations Research, 2018, 263, 45-68.	4.1	26
80	Massive datasets and machine learning for computational biomedicine: trends and challenges. Annals of Operations Research, 2019, 276, 5-34.	4.1	26
81	Assessing diversity in multiplex networks. Scientific Reports, 2019, 9, 4511.	3.3	26
82	MULTICRITERIA SORTING METHODOLOGY: APPLICATION TO FINANCIAL DECISION PROBLEMS. International Journal of Parallel, Emergent and Distributed Systems, 2000, 15, 113-129.	0.4	25
83	Optimal production planning in a hybrid manufacturing and recovering system based on the internet of things with closed loop supply chains. Operational Research, 2016, 16, 543-577.	2.0	25
84	Detecting critical node structures on graphs: A mathematical programming approach. Networks, 2019, 73, 48-88.	2.7	25
85	An improvement on parametric $$u $$ $ν$ -support vector algorithm for classification. Annals of Operations Research, 2019, 276, 155-168.	4.1	25
86	Solving job shop scheduling problems utilizing theÂproperties of backbone and â€œbig valleyâ€. Computational Optimization and Applications, 2010, 47, 61-76.	1.6	24
87	Robust generalized eigenvalue classifier with ellipsoidal uncertainty. Annals of Operations Research, 2014, 216, 327-342.	4.1	24
88	Single machine serial-batching scheduling with independent setup time and deteriorating job processing times. Optimization Letters, 2015, 9, 91-104.	1.6	24
89	Minimizing average lead time for the coordinated scheduling problem in a two-stage supply chain with multiple customers and multiple manufacturers. Computers and Industrial Engineering, 2017, 114, 244-257.	6.3	24
90	A robust optimization approach for integrated steel production and batch delivery scheduling with uncertain rolling times and deterioration effect. International Journal of Production Research, 2020, 58, 5132-5154.	7.5	24

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91	Expanding neighborhood search–GRASP for the probabilistic traveling salesman problem. Optimization Letters, 2008, 2, 351-361.	1.6	23
92	Multilevel (Hierarchical) Optimization: Complexity Issues, Optimality Conditions, Algorithms. Advances in Mechanics and Mathematics, 2009, , 197-221.	0.7	23
93	Sparse Proximal Support Vector Machines for feature selection in high dimensional datasets. Expert Systems With Applications, 2015, 42, 9183-9191.	7.6	23
94	Mixed-integer LP model for volt/var control and energy losses minimization in distribution systems. Electric Power Systems Research, 2016, 140, 895-905.	3.6	23
95	A stochastic production planning problem in hybrid manufacturing and remanufacturing systems with resource capacity planning. Journal of Global Optimization, 2017, 68, 851-878.	1.8	23
96	Uniform parallel batch machines scheduling considering transportation using a hybrid DPSO-GA algorithm. International Journal of Advanced Manufacturing Technology, 2017, 89, 1887-1900.	3.0	23
97	Closed-loop supply chain inventory management with recovery information of reusable containers. Journal of Combinatorial Optimization, 2018, 35, 266-292.	1.3	23
98	On the number of local minima for the multidimensional assignment problem. Journal of Combinatorial Optimization, 2006, 13, 1-18.	1.3	22
99	A Smooth Double Proximal Primal-Dual Algorithm for a Class of Distributed Nonsmooth Optimization Problems. IEEE Transactions on Automatic Control, 2020, 65, 1800-1806.	5.7	22
100	Optimal solutions to minimum total energy broadcasting problem in wireless ad hoc networks. Journal of Combinatorial Optimization, 2006, 11, 59-69.	1.3	21
101	Asymptotic behavior of the expected optimal value of the multidimensional assignment problem. Mathematical Programming, 2007, 109, 525-551.	2.4	21
102	Jamming communication networks under complete uncertainty. Optimization Letters, 2007, 2, 53-70.	1.6	21
103	Raman spectroscopy utilizing Fisher–based feature selection combined with Support Vector Machines for the characterization of breast cell lines. Journal of Raman Spectroscopy, 2013, 44, 939-948.	2.5	21
104	Two-agent scheduling on bounded parallel-batching machines with an aging effect of job-position-dependent. Annals of Operations Research, 2020, 294, 191-223.	4.1	21
105	Investigating remanufacturing competition with yield uncertainty on market share, profit, and consumer surplus. International Transactions in Operational Research, 2020, 27, 2584-2615.	2.7	21
106	Test Problem Generator for the Multidimensional Assignment Problem. Computational Optimization and Applications, 2005, 30, 133-146.	1.6	20
107	Stochastic and Risk Management Models and Solution Algorithm for Natural Gas Transmission Network Expansion and LNG Terminal Location Planning. Journal of Optimization Theory and Applications, 2010, 147, 337-357.	1.5	20
108	A diverse human learning optimization algorithm. Journal of Global Optimization, 2017, 67, 283-323.	1.8	20

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109	Dynamic three-stage operating room scheduling considering patient waiting time and surgical overtime costs. Journal of Combinatorial Optimization, 2020, 39, 185-215.	1.3	20
110	Maximizing the Product of Two Linear Functions In 0-1 Variables. Optimization, 2002, 51, 511-537.	1.7	19
111	GRASP with a New Local Search Scheme for Vehicle Routing Problems with Time Windows. Journal of Combinatorial Optimization, 2003, 7, 179-207.	1.3	19
112	Multiple phase neighborhood Search—GRASP based on Lagrangean relaxation, random backtracking Lin–Kernighan and path relinking for the TSP. Journal of Combinatorial Optimization, 2009, 17, 134-156.	1.3	19
113	Bilinear modeling solution approach for fixed charge network flow problems. Optimization Letters, 2009, 3, 347-355.	1.6	19
114	Economic analysis of the N−k power grid contingency selection and evaluation by graph algorithms and interdiction methods. Energy Systems, 2011, 2, 313-324.	3.0	19
115	Multi-way clustering and biclustering by the Ratio cut and Normalized cut in graphs. Journal of Combinatorial Optimization, 2012, 23, 224-251.	1.3	19
116	Minimax Optimization for Recipe Management in High-Mixed Semiconductor Lithography Process. IEEE Transactions on Industrial Informatics, 2020, 16, 4975-4985.	11.3	19
117	Total energy optimal multicasting in wireless ad hoc networks. Journal of Combinatorial Optimization, 2007, 13, 365-378.	1.3	18
118	Minimum norm solution to the positive semidefinite linear complementarity problem. Optimization, 2014, 63, 359-369.	1.7	18
119	Reinforcement Learning in Video Games Using Nearest Neighbor Interpolation and Metric Learning. IEEE Transactions on Games, 2016, 8, 56-66.	1.4	18
120	A new game of information sharing and security investment between two allied firms. International Journal of Production Research, 2018, 56, 4069-4086.	7.5	18
121	Effects of government regulations on Manufacturer's behaviors under carbon emission reduction. Environmental Science and Pollution Research, 2019, 26, 17918-17926.	5.3	18
122	Solving bi-objective uncertain stochastic resource allocation problems by the CVaR-based risk measure and decomposition-based multi-objective evolutionary algorithms. Annals of Operations Research, 2021, 296, 639-666.	4.1	18
123	Algorithms for the Least Distance Problem. , 1993, , 33-56.		17
124	An open global optimization problem on the unit sphere. Journal of Global Optimization, 1995, 6, 213-213.	1.8	16
125	Exact model for the cell formation problem. Optimization Letters, 2014, 8, 2203-2210.	1.6	16
126	Solving maximum clique in sparse graphs: an $O(nm+n2^{d/4})$ $O (n m + n 2 d / 4)$ algorithm for d d -degenerate graphs. Optimization Letters, 2014, 8, 1611-1617.	1.6	16

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127	Reduction of CO2 Emissions in Cumulative Multi-Trip Vehicle Routing Problems with Limited Duration. Environmental Modeling and Assessment, 2015, 20, 273-284.	2.2	16
128	Inverse MaxÂ+ÂSum spanning tree problem by modifying the sum-cost vector under weighted $$l_infty$$ l â^ž Norm. Journal of Global Optimization, 2015, 61, 165-182.	1.8	16
129	Improved initial vertex ordering for exact maximum clique search. Applied Intelligence, 2016, 45, 868-880.	5.3	16
130	Solving a supply chain scheduling problem with non-identical job sizes and release times by applying a novel effective heuristic algorithm. International Journal of Systems Science, 2016, 47, 765-776.	5.5	16
131	Parallel-batching scheduling of deteriorating jobs with non-identical sizes and rejection on a single machine. Optimization Letters, 2020, 14, 857-871.	1.6	16
132	Parallel-machine serial-batching scheduling with release times under the effects of position-dependent learning and time-dependent deterioration. Annals of Operations Research, 2021, 298, 407-444.	4.1	16
133	Association of persistent acute kidney injury and renal recovery with mortality in hospitalised patients. BMJ Health and Care Informatics, 2021, 28, e100458.	3.0	16
134	Raman spectroscopy and support vector machines for quick toxicological evaluation of titania nanoparticles. Journal of Raman Spectroscopy, 2011, 42, 1222-1231.	2.5	15
135	Minimum total coloring of planar graph. Journal of Global Optimization, 2014, 60, 777-791.	1.8	15
136	A BRKGA-DE algorithm for parallel-batching scheduling with deterioration and learning effects on parallel machines under preventive maintenance consideration. Annals of Mathematics and Artificial Intelligence, 2020, 88, 237-267.	1.3	15
137	Inverse maxÂ $$+$$ + Âsum spanning tree problem under Hamming distance by modifying the sum-cost vector. Journal of Global Optimization, 2017, 69, 911-925.	1.8	14
138	Parallel-batching scheduling with nonlinear processing times on a single and unrelated parallel machines. Journal of Global Optimization, 2020, 78, 693-715.	1.8	14
139	Valley-loss regular simplex support vector machine for robust multiclass classification. Knowledge-Based Systems, 2021, 216, 106801.	7.1	14
140	Clustering Challenges in Biological Networks. , 2009, , .		14
141	Implementation of interior-point algorithms for some entropy optimization problems. Optimization Methods and Software, 1992, 1, 71-80.	2.4	13
142	Traffic congestion and the lifetime of networks with moving nodes. Physical Review E, 2017, 95, 012322.	2.1	13
143	Expansion Planning of Power Distribution Systems Considering Reliability: A Comprehensive Review. Energies, 2022, 15, 2275.	3.1	13
144	Equivalent formulations and necessary optimality conditions for the Lennardâ€"Jones problem. Journal of Global Optimization, 2002, 22, 97-118.	1.8	12

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145	Parallel hybrid heuristics for the permutation flow shop problem. Annals of Operations Research, 2012, 199, 269-284.	4.1	12
146	Pareto-optimal front of cell formation problem in group technology. Journal of Global Optimization, 2015, 61, 91-108.	1.8	12
147	Uniform parallel machine scheduling problems with fixed machine cost. Optimization Letters, 2018, 12, 73-86.	1.6	12
148	Dynamical approaches and multi-quadratic integer programming for seizure prediction. Optimization Methods and Software, 2005, 20, 389-400.	2.4	11
149	Global minimization algorithms for concave quadratic programming problems. Optimization, 2005, 54, 627-639.	1.7	11
150	An Enhanced Dynamic Slope Scaling Procedure with Tabu Scheme for Fixed Charge Network Flow Problems. Computational Economics, 2006, 27, 273-293.	2.6	11
151	Efficient solutions for the far from most string problem. Annals of Operations Research, 2012, 196, 663-682.	4.1	11
152	Computational risk management techniques for fixed charge network flow problems with uncertain arc failures. Journal of Combinatorial Optimization, 2013, 25, 99-122.	1.3	11
153	Online heuristic for the preemptive single machine scheduling problem of minimizing the total weighted completion time. Optimization Methods and Software, 2014, 29, 955-963.	2.4	11
154	Single-machine serial-batching scheduling with a machine availability constraint, position-dependent processing time, and time-dependent set-up time. Optimization Letters, 2017, 11, 1257-1271.	1.6	11
155	The bi-objective critical node detection problem with minimum pairwise connectivity and cost: theory and algorithms. Soft Computing, 2019, 23, 12729-12744.	3.6	11
156	Parallel-machine group scheduling with inclusive processing set restrictions, outsourcing option and serial-batching under the effect of step-deterioration. Journal of Global Optimization, 2020, 78, 717-742.	1.8	11
157	Structural improved regular simplex support vector machine for multiclass classification. Applied Soft Computing Journal, 2020, 91, 106235.	7.2	11
158	Permutation flowshop manufacturing cell scheduling problems with deteriorating jobs and sequence dependent setup times under dominant machines. Optimization Letters, 2021, 15, 537-551.	1.6	11
159	A survey on the applications of variable neighborhood search algorithm in healthcare management. Annals of Mathematics and Artificial Intelligence, 2021, 89, 741-775.	1.3	11
160	Level-based multi-objective particle swarm optimizer for integrated production scheduling and vehicle routing decision with inventory holding, delivery, and tardiness costs. International Journal of Production Research, 2022, 60, 3319-3338.	7.5	11
161	Computational Challenges with Cliques, Quasi-cliques and Clique Partitions in Graphs. Lecture Notes in Computer Science, 2010, , 13-22.	1.3	11
162	Equivalent Formulations for the Steiner Problem in Graphs. Network Optimization Problems: Algorithms, Applications and Complexity, 1993, , 111-123.	0.1	11

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163	Parallel computing in nonconvex programming. Annals of Operations Research, 1993, 43, 87-107.	4.1	10
164	Branch and bound algorithms for the multidimensional assignment problem. Optimization Methods and Software, 2005, 20, 127-143.	2.4	10
165	A combinatorial algorithm for the TDMA message scheduling problem. Computational Optimization and Applications, 2009, 43, 449-463.	1.6	10
166	Elevator dispatching problem: a mixed integer linear programming formulation and polyhedral results. Journal of Combinatorial Optimization, 2015, 29, 750-780.	1.3	10
167	Pareto-based multi-objective node placement of industrial wireless sensor networks using binary differential evolution harmony search. Advances in Manufacturing, 2016, 4, 66-78.	6.1	10
168	An equivalent transformation of multi-objective optimization problems. Annals of Operations Research, 2017, 249, 5-15.	4.1	10
169	A modified active set algorithm for transportation discrete network design bi-level problem. Journal of Global Optimization, 2017, 67, 325-342.	1.8	10
170	Stochastic subgradient descent method for large-scale robust chance-constrained support vector machines. Optimization Letters, 2017, 11, 1013-1024.	1.6	10
171	Solving the degree-concentrated fault-tolerant spanning subgraph problem by DC programming. Mathematical Programming, 2018, 169, 255-275.	2.4	10
172	Formulations and branch-and-cut algorithms for production routing problems with time windows. Transportmetrica A: Transport Science, 2018, 14, 669-690.	2.0	10
173	Security investment and information sharing in the market of complementary firms: impact of complementarity degree and industry size. Journal of Global Optimization, 2018, 70, 413-436.	1.8	10
174	The fixed charge transportation problem: a strong formulation based on Lagrangian decomposition and column generation. Journal of Global Optimization, 2018, 72, 517-538.	1.8	10
175	Scheduling step-deteriorating jobs on bounded parallel-batching machines to maximise the total net revenue. Journal of the Operational Research Society, 2019, 70, 1830-1847.	3.4	10
176	Interdependent Networks: A Data Science Perspective. Patterns, 2020, 1, 100003.	5.9	10
177	Ranking EU Agricultural Sectors under the Prism of Alternative Widths on Window DEA. Energies, 2021, 14, 1021.	3.1	10
178	ON THE PERFORMANCE OF HEURISTICS FOR BROADCAST SCHEDULING. Series on Computers and Operations Research, 2004, , 63-80.	0.2	10
179	OMEGa: an optimistic most energy gain method forÂminimum energy multicasting in wireless ad hoc networks. Journal of Combinatorial Optimization, 2008, 16, 81-95.	1.3	9
180	Revised GRASP with path-relinking for the linear ordering problem. Journal of Combinatorial Optimization, 2011, 22, 572-593.	1.3	9

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181	Routing-efficient CDS construction in Disk-Containment Graphs. Optimization Letters, 2014, 8, 425-434.	1.6	9
182	Inverse max+sum spanning tree problem under weighted l_1 l 1 norm by modifying the sum-cost vector. Optimization Letters, 2018, 12, 1065-1077.	1.6	9
183	Less is more: variable neighborhood search for integrated production and assembly in smart manufacturing. Journal of Scheduling, 2020, 23, 649-664.	1.9	9
184	An effective heuristic based on column generation for the two-dimensional three-stage steel plate cutting problem. Annals of Operations Research, 2020, 289, 291-311.	4.1	9
185	Joint chance constrained shortest path problem with Copula theory. Journal of Combinatorial Optimization, 2020, 40, 110-140.	1.3	9
186	Selective support vector machines. Journal of Combinatorial Optimization, 2009, 17, 3-20.	1.3	8
187	An efficient string sorting algorithm for weighing matrices of small weight. Optimization Letters, 2010, 4, 29-36.	1.6	8
188	Generating properly efficient points in multi-objective programs by the nonlinear weighted sum scalarization method. Optimization, 2014, 63, 473-486.	1.7	8
189	A Branch-and-Cut algorithm for factory crane scheduling problem. Journal of Global Optimization, 2015, 63, 729-755.	1.8	8
190	Preemptive scheduling in a two-stage supply chain to minimize the makespan. Optimization Methods and Software, 2015, 30, 727-747.	2.4	8
191	Noise-Tolerant Techniques for Decomposition-Based Multiobjective Evolutionary Algorithms. IEEE Transactions on Cybernetics, 2020, 50, 2274-2287.	9.5	8
192	Parallel-batching machines scheduling problem with a truncated time-dependent learning effect via a hybrid CS-JADE algorithm. Optimization Methods and Software, 2020, 35, 116-141.	2.4	8
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