Pierre Hansen

List of Publications by Year
in descending order

247 papers	13,885 citations	26567 56 h-index	24915 109 g-index
251 all docs	251 docs citations	251 times ranked	6766 citing authors

#	Article	IF	Citations
1	Variable neighborhood search: Principles and applications. European Journal of Operational Research, 2001, 130, 449-467.	3.5	1,581
2	Variable neighbourhood search: methods andÂapplications. Annals of Operations Research, 2010, 175, 367-407.	2.6	677
3	NP-hardness of Euclidean sum-of-squares clustering. Machine Learning, 2009, 75, 245-248.	3.4	612
4	New Branch-and-Bound Rules for Linear Bilevel Programming. SIAM Journal on Scientific and Statistical Computing, 1992, 13, 1194-1217.	1.5	512
5	Cluster analysis and mathematical programming. Mathematical Programming, 1997, 79, 191-215.	1.6	383
6	The p-median problem: A survey of metaheuristic approaches. European Journal of Operational Research, 2007, 179, 927-939.	3.5	340
7	Algorithms for the maximum satisfiability problem. Computing (Vienna/New York), 1990, 44, 279-303.	3.2	272
8	Bicriterion Path Problems. Lecture Notes in Economics and Mathematical Systems, 1980, , 109-127.	0.3	251
9	Variable neighborhood search: basics and variants. EURO Journal on Computational Optimization, 2017, 5, 423-454.	1.5	244
10	Stabilized column generation. Discrete Mathematics, 1999, 194, 229-237.	0.4	243
11	Improvements and Comparison of Heuristics for Solving the Uncapacitated Multisource Weber Problem. Operations Research, 2000, 48, 444-460.	1.2	236
12	Variable Neighborhood Decomposition Search. Journal of Heuristics, 2001, 7, 335-350.	1.1	228
13	J-Means: a new local search heuristic for minimum sum of squares clustering. Pattern Recognition, 2001, 34, 405-413.	5.1	226
14	Variable neighbourhood search: methods and applications. 4or, 2008, 6, 319-360.	1.0	212
15	Distance spectra of graphs: A survey. Linear Algebra and Its Applications, 2014, 458, 301-386.	0.4	203
16	Variable Neighborhood Search. Profiles in Operations Research, 2003, , 145-184.	0.3	193
17	An Introduction to Variable Neighborhood Search. , 1999, , 433-458.		173
18	Two Laplacians for the distance matrix of a graph. Linear Algebra and Its Applications, 2013, 439, 21-33.	0.4	159

#	ARTICLE	IF	CITATIONS
19	Variable neighborhood search for extremal graphs: 1 The AutoGraphiX system. Discrete Mathematics, 2000, 212, 29-44.	0.4	157
20	Variable neighborhood search and local branching. Computers and Operations Research, 2006, 33, 3034-3045.	2.4	151
21	Variable neighborhood search for minimum cost berth allocation. European Journal of Operational Research, 2008, 191, 636-649.	3.5	148
22	A branch and cut algorithm for nonconvex quadratically constrained quadratic programming. Mathematical Programming, 2000, 87, 131-152.	1.6	145
23	Methods of Nonlinear 0-1 Programming. Annals of Discrete Mathematics, 1979, , 53-70.	1.4	138
24	Graphs with maximum connectivity index. Computational Biology and Chemistry, 2003, 27, 85-90.	1.1	138
25	Variable Neighborhood Search. Profiles in Operations Research, 2010, , 61-86.	0.3	138
26	Cooperative Parallel Variable Neighborhood Search for the p-Median. Journal of Heuristics, 2004, 10, 293-314.	1.1	124
27	A hybrid variable neighborhood tabu search heuristic for the vehicle routing problem with multiple time windows. Computers and Operations Research, 2014, 52, 269-281.	2.4	123
28	Solving the p-Center problem with Tabu Search and Variable Neighborhood Search. Networks, 2003, 42, 48-64.	1.6	120
29	A survey of Nordhausâ€"Gaddum type relations. Discrete Applied Mathematics, 2013, 161, 466-546.	0.5	120
30	Variable Neighborhood Search for Extremal Graphs. 2. Finding Graphs with Extremal Energy. Journal of Chemical Information and Computer Sciences, 1999, 39, 984-996.	2.8	114
31	Pooling Problem: Alternate Formulations and Solution Methods. Management Science, 2004, 50, 761-776.	2.4	113
32	Another trip to the mall: a segmentation study of customers based on their activities. Journal of Retailing and Consumer Services, 2004, 11, 333-350.	5.3	105
33	Column Generation Methods for Probabilistic Logic. ORSA Journal on Computing, 1991, 3, 135-148.	1.7	103
34	Variable neighborhood search for extremal graphs. Computers & Chemistry, 1999, 23, 469-477.	1.2	103
35	Heuristic solution of the multisource Weber problem as a p-median problem. Operations Research Letters, 1998, 22, 55-62.	0.5	100
36	Complete-Link Cluster Analysis by Graph Coloring. Journal of the American Statistical Association, 1978, 73, 397-403.	1.8	99

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37	The Minisum and Minimax Location Problems Revisited. Operations Research, 1985, 33, 1251-1265.	1.2	98
38	Column generation algorithms for exact modularity maximization in networks. Physical Review E, 2010, 82, 046112.	0.8	96
39	Bicriterion Cluster Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1980, PAMI-2, 277-291.	9.7	91
40	The maximum capture problem with random utilities: Problem formulation and algorithms. European Journal of Operational Research, 2002, 143, 518-530.	3.5	91
41	State-of-the-Art Survey—Constrained Nonlinear 0–1 Programming. ORSA Journal on Computing, 1993, 5, 97-119.	1.7	84
42	Outcomes of voting and planning. Journal of Public Economics, 1981, 16, 1-15.	2.2	82
43	First vs. best improvement: An empirical study. Discrete Applied Mathematics, 2006, 154, 802-817.	0.5	81
44	Variable neighborhood search for extremal graphs. 5. Three ways to automate finding conjectures. Discrete Mathematics, 2004, 276, 81-94.	0.4	77
45	On-line and off-line vertex enumeration by adjacency lists. Operations Research Letters, 1991, 10, 403-409.	0.5	76
46	Fuzzy J-Means: a new heuristic for fuzzy clustering. Pattern Recognition, 2002, 35, 2193-2200.	5.1	74
47	An improved column generation algorithm for minimum sum-of-squares clustering. Mathematical Programming, 2012, 131, 195-220.	1.6	72
48	Alkanes with small and large Randić connectivity indices. Chemical Physics Letters, 1999, 306, 366-372.	1.2	69
49	Uncapacitated Plant Location Under Alternative Spatial Price Policies. Management Science, 1990, 36, 41-57.	2.4	68
50	Global optimization of univariate Lipschitz functions: II. New algorithms and computational comparison. Mathematical Programming, 1992, 55, 273-292.	1.6	68
51	The basic algorithm for pseudo-Boolean programming revisited. Discrete Applied Mathematics, 1990, 29, 171-185.	0.5	62
52	WEBER'S PROBLEM WITH ATTRACTION AND REPULSION*. Journal of Regional Science, 1992, 32, 467-486.	2.1	62
53	Variable neighborhood search for the maximum clique. Discrete Applied Mathematics, 2004, 145, 117-125.	0.5	61
54	Solving large p-median clustering problems by primal–dual variable neighborhood search. Data Mining and Knowledge Discovery, 2009, 19, 351-375.	2.4	60

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55	Developments of Variable Neighborhood Search. Operations Research/ Computer Science Interfaces Series, 2002, , 415-439.	0.3	60
56	An analytical approach to global optimization. Mathematical Programming, 1991, 52, 227-254.	1.6	58
57	Global optimization of univariate Lipschitz functions: I. Survey and properties. Mathematical Programming, 1992, 55, 251-272.	1.6	58
58	Some properties of the distance Laplacian eigenvalues of a graph. Czechoslovak Mathematical Journal, 2014, 64, 751-761.	0.3	58
59	Sequential variable neighborhood descent variants: an empirical study on the traveling salesman problem. International Transactions in Operational Research, 2017, 24, 615-633.	1.8	56
60	Lipschitz Optimization. Nonconvex Optimization and Its Applications, 1995, , 407-493.	0.1	55
61	Essays and Surveys in Metaheuristics. Operations Research/ Computer Science Interfaces Series, 2002, , .	0.3	54
62	Variable Neighborhood Search. , 2005, , 211-238.		52
63	Variable Neighborhood Search. Profiles in Operations Research, 2019, , 57-97.	0.3	52
64	Primal-Dual Variable Neighborhood Search for the Simple Plant-Location Problem. INFORMS Journal on Computing, 2007, 19, 552-564.	1.0	51
65	Variable Neighborhood Search for Extremal Graphs. 6. Analyzing Bounds for the Connectivity Index. Journal of Chemical Information and Computer Sciences, 2003, 43, 1-14.	2.8	50
66	Bounded vertex colorings of graphs. Discrete Mathematics, 1993, 111, 305-312.	0.4	49
67	Probabilistic satisfiability with imprecise probabilities. International Journal of Approximate Reasoning, 2000, 24, 171-189.	1.9	49
68	An Oil Pipeline Design Problem. Operations Research, 2003, 51, 228-239.	1.2	49
69	Exact and heuristic solutions of the global supply chain problem with transfer pricing. European Journal of Operational Research, 2010, 202, 864-879.	3.5	48
70	Variable Neighborhood Search for Extremal Graphs. 10. Comparison of Irregularity Indices for Chemical Trees. Journal of Chemical Information and Modeling, 2005, 45, 222-230.	2.5	47
71	Hyperbolic 0â€"1 programming and query optimization in information retrieval. Mathematical Programming, 1991, 52, 255-263.	1.6	46
72	A symmetrical linear maxmin approach to disjoint bilinear programming. Mathematical Programming, 1999, 85, 573-592.	1.6	44

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73	Solution of the Multisource Weber and Conditional Weber Problems by D.-C. Programming. Operations Research, 1998, 46, 548-562.	1.2	42
74	Bounds on the index of the signless Laplacian of a graph. Discrete Applied Mathematics, 2010, 158, 355-360.	0.5	42
75	Location and sizing of offshore platforms for oil exploration. European Journal of Operational Research, 1992, 58, 202-214.	3.5	41
76	Global minimization of indefinite quadratic functions subject to box constraints. Naval Research Logistics, 1993, 40, 373-392.	1.4	41
77	Mixed graph colorings. Mathematical Methods of Operations Research, 1997, 45, 145-160.	0.4	39
78	Minimum Sum of Squares Clustering in a Low Dimensional Space. Journal of Classification, 1998, 15, 37-55.	1.2	39
79	Analysis of Global k-Means, an Incremental Heuristic for Minimum Sum-of-Squares Clustering. Journal of Classification, 2005, 22, 287-310.	1.2	39
80	On the distance signless Laplacian of a graph. Linear and Multilinear Algebra, 2016, 64, 1113-1123.	0.5	39
81	Locally optimal heuristic for modularity maximization of networks. Physical Review E, 2011, 83, 056105.	0.8	36
82	Unimodular functions. Discrete Applied Mathematics, 1986, 14, 269-281.	0.5	35
83	The Largest Small Octagon. Journal of Combinatorial Theory - Series A, 2002, 98, 46-59.	0.5	35
84	Bounds and conjectures for the signless Laplacian index of graphs. Linear Algebra and Its Applications, 2010, 432, 3319-3336.	0.4	35
85	Loops and multiple edges in modularity maximization of networks. Physical Review E, 2010, 81, 046102.	0.8	35
86	Proximity and remoteness in graphs: Results and conjectures. Networks, 2011, 58, 95-102.	1.6	35
87	Variable Neighborhood Search. , 2014, , 313-337.		35
88	The Clar number of a benzenoid hydrocarbon and linear programming. Journal of Mathematical Chemistry, 1994, 15, 93-107.	0.7	34
89	Boole's conditions of possible experience and reasoning under uncertainty. Discrete Applied Mathematics, 1995, 60, 181-193.	0.5	34
90	On the spectral radius of graphs with a given domination number. Linear Algebra and Its Applications, 2008, 428, 1854-1864.	0.4	33

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91	A reliable affine relaxation method for global optimization. 4or, 2015, 13, 247-277.	1.0	33
92	Variable Neighborhood Search. , 2018, , 759-787.		33
93	On bags and bugs. Discrete Applied Mathematics, 2008, 156, 986-997.	0.5	32
94	Variable neighborhood search for extremal graphs. 23. On the RandiÄ‡ index and the chromatic number. Discrete Mathematics, 2009, 309, 4228-4234.	0.4	31
95	On the geometry of Nash equilibria and correlated equilibria. International Journal of Game Theory, 2004, 32, 443.	0.5	30
96	Heuristic Procedures for Solving the Discrete Ordered Median Problem. Annals of Operations Research, 2005, 136, 145-173.	2.6	30
97	Globally optimal clusterwise regression by mixed logical-quadratic programming. European Journal of Operational Research, 2011, 212, 213-222.	3.5	30
98	Reduction of indefinite quadratic programs to bilinear programs. Journal of Global Optimization, 1992, 2, 41-60.	1.1	29
99	Enumeration of Polyhex Hydrocarbons to h = 21. Journal of Chemical Information and Computer Sciences, 1998, 38, 610-619.	2.8	29
100	PERMUTATION-BASED GENETIC, TABU, AND VARIABLE NEIGHBORHOOD SEARCH HEURISTICS FOR MULTIPROCESSOR SCHEDULING WITH COMMUNICATION DELAYS. Asia-Pacific Journal of Operational Research, 2005, 22, 297-326.	0.9	29
101	On (distance) Laplacian energy and (distance) signless Laplacian energy of graphs. Discrete Applied Mathematics, 2018, 243, 172-185.	0.5	29
102	A linear expected-time algorithm for deriving all logical conclusions implied by a set of boolean inequalities. Mathematical Programming, 1986, 34, 223-231.	1.6	28
103	On a conjecture about the RandiÄ‡ index. Discrete Mathematics, 2007, 307, 262-265.	0.4	28
104	Attraction probabilities in variable neighborhood search. 4or, 2010, 8, 181-194.	1.0	28
105	Upper bounds for the Clar number of a benzenoid hydrocarbon. Journal of the Chemical Society, Faraday Transactions, 1992, 88, 1621.	1.7	27
106	Improved compact linearizations for the unconstrained quadratic 0â€"1 minimization problem. Discrete Applied Mathematics, 2009, 157, 1267-1290.	0.5	27
107	Commuters' Paths with Penalties for Early or Late Arrival Time. Transportation Science, 1990, 24, 276-286.	2.6	26
108	Extremal problems for convex polygons. Journal of Global Optimization, 2007, 38, 163-179.	1.1	26

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109	Boolean query optimization and the 0-1 hyperbolic sum problem. Annals of Mathematics and Artificial Intelligence, 1990, 1, 97-109.	0.9	25
110	Facility Location Under Zone Pricing. Journal of Regional Science, 1997, 37, 1-22.	2.1	25
111	A restarted and modified simplex search for unconstrained optimization. Computers and Operations Research, 2009, 36, 3263-3271.	2.4	25
112	Decomposition strategies for large-scale continuous location–allocation problems. IMA Journal of Management Mathematics, 2006, 17, 307-316.	1.1	24
113	Merging the local and global approaches to probabilistic satisfiability. International Journal of Approximate Reasoning, 2008, 47, 125-140.	1.9	24
114	Improving heuristics for network modularity maximization using an exact algorithm. Discrete Applied Mathematics, 2014, 163, 65-72.	0.5	24
115	Enumeration of All Extreme Equilibria of Bimatrix Games. SIAM Journal of Scientific Computing, 2001, 23, 323-338.	1.3	23
116	A linear algorithm for perfect matching in hexagonal systems. Discrete Mathematics, 1993, 122, 179-196.	0.4	22
117	From the median to the generalized center. RAIRO - Operations Research, 1991, 25, 73-86.	1.0	21
118	Finding maximum likelihood estimators for the three-parameter Weibull distribution. Journal of Global Optimization, 1994, 5, 373-397.	1.1	21
119	Edge ratio and community structure in networks. Physical Review E, 2010, 81, 026105.	0.8	21
120	Extensions to the repetitive branch and bound algorithm for globally optimal clusterwise regression. Computers and Operations Research, 2012, 39, 2748-2762.	2.4	21
121	Boundary uniqueness of fusenes. Discrete Applied Mathematics, 2002, 118, 209-222.	0.5	20
122	Variable neighborhood search for harmonic means clustering. Applied Mathematical Modelling, 2011, 35, 2688-2694.	2.2	20
123	Simple plant location under uniform delivered pricing. European Journal of Operational Research, 1981, 6, 94-103.	3.5	19
124	Maximizing the Product of Two Linear Functions In 0-1 Variables. Optimization, 2002, 51, 511-537.	1.0	19
125	Variable neighborhood search for extremal graphs.17. Further conjectures and results about the index. Discussiones Mathematicae - Graph Theory, 2009, 29, 15.	0.2	19
126	Bonds Fixed by Fixing Bonds. Journal of Chemical Information and Computer Sciences, 1994, 34, 297-304.	2.8	18

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127	The profit-maximizing weber problem. Location Science, 1995, 3, 67-85.	0.2	18
128	The small octagon with longest perimeter. Journal of Combinatorial Theory - Series A, 2007, 114, 135-150.	0.5	18
129	Reformulation of a model for hierarchical divisive graph modularity maximization. Annals of Operations Research, 2014, 222, 213-226.	2.6	18
130	Probabilistic Satisfiability. , 2000, , 321-367.		18
131	A locally optimal hierarchical divisive heuristic for bipartite modularity maximization. Optimization Letters, 2014, 8, 903-917.	0.9	17
132	Proximity, remoteness and distance eigenvalues of a graph. Discrete Applied Mathematics, 2016, 213, 17-25.	0.5	17
133	A constructive enumeration of fusenes and benzenoids. Journal of Algorithms, 2002, 45, 155-166.	0.9	16
134	A Survey and New Results on Computer Enumeration of Polyhex and Fusene Hydrocarbons. Journal of Chemical Information and Computer Sciences, 2003, 43, 842-851.	2.8	16
135	Locating Objects in the Plane Using Global Optimization Techniques. Mathematics of Operations Research, 2009, 34, 837-858.	0.8	16
136	On the extremal values of the second largest Q-eigenvalue. Linear Algebra and Its Applications, 2011, 435, 2591-2606.	0.4	16
137	An algorithm for Weber's problem on the sphere. Location Science, 1995, 3, 217-237.	0.2	15
138	Variable neighborhood search for extremal graphs. 21. Conjectures and results about the independence number. Discrete Applied Mathematics, 2008, 156, 2530-2542.	0.5	15
139	A new column generation algorithm for Logical Analysis of Data. Annals of Operations Research, 2011, 188, 215-249.	2.6	15
140	Uniquely solvable quadratic boolean equations. Discrete Applied Mathematics, 1985, 12, 147-154.	0.5	14
141	A Linear Algorithm for the Hyper-Wiener Index of Chemical Trees. Journal of Chemical Information and Computer Sciences, 2001, 41, 958-963.	2.8	14
142	Computers and discovery in algebraic graph theory. Linear Algebra and Its Applications, 2002, 356, 211-230.	0.4	14
143	The minimum diameter octagon with unit-length sides: Vincze's wife's octagon is suboptimal. Journal of Combinatorial Theory - Series A, 2004, 108, 63-75.	0.5	14
144	A VNS heuristic for escaping local extrema entrapment in normalized cut clustering. Pattern Recognition, 2012, 45, 4337-4345.	5.1	14

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145	Partitioning Problems in Cluster Analysis: A Review of Mathematical Programming Approaches. Studies in Classification, Data Analysis, and Knowledge Organization, 1994, , 228-240.	0.1	14
146	Single Facility Location on Networks. North-Holland Mathematics Studies, 1987, 132, 113-145.	0.2	13
147	Decomposition and interval arithmetic applied to global minimization of polynomial and rational functions. Journal of Global Optimization, 1993, 3, 421-437.	1.1	13
148	Global minimization of univariate functions by sequential polynomial approximation. International Journal of Computer Mathematics, 1989, 28, 183-193.	1.0	12
149	Arbitrary-norm hyperplane separation by variable neighbourhood search. IMA Journal of Management Mathematics, 2007, 18, 173-189.	1.1	12
150	Cospectrality of graphs with respect to distance matrices. Applied Mathematics and Computation, 2018, 325, 309-321.	1.4	12
151	Automated Results and Conjectures on Average Distance in Graphs. , 2006, , 21-36.		12
152	Distance Laplacian eigenvalues and chromatic number in graphs. Filomat, 2017, 31, 2545-2555.	0.2	12
153	Micro-economic applications of marginal changes in risk. European Economic Review, 1983, 22, 167-176.	1.2	11
154	Normal components of benzenoid systems. Theoretica Chimica Acta, 1993, 85, 335-344.	0.9	11
155	Coding Chemical Trees with the Centered N-tuple Code. Journal of Chemical Information and Computer Sciences, 1994, 34, 782-790.	2.8	11
156	A branch-and-cut SDP-based algorithm for minimum sum-of-squares clustering. Pesquisa Operacional, 2009, 29, 503-516.	0.1	11
157	On proper refinement of Nash equilibria for bimatrix games. Automatica, 2012, 48, 297-303.	3.0	11
158	MaxMinMin p-dispersion problem: A variable neighborhood search approach. Computers and Operations Research, 2014, 52, 251-259.	2.4	11
159	New heuristic for harmonic means clustering. Journal of Global Optimization, 2015, 63, 427-443.	1.1	11
160	The continuous center set of a network. Discrete Applied Mathematics, 1991, 30, 181-195.	0.5	10
161	Modelling location and sizing of offshore platforms. European Journal of Operational Research, 1994, 72, 602-606.	3.5	10
162	Improving Interval Analysis Bounds by Translations. Journal of Global Optimization, 2004, 29, 157-172.	1.1	10

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163	Variable Neighborhood Search for Extremal Graphs. XI. Bounds on Algebraic Connectivity. , 2005, , 1-16.		10
164	Isoperimetric Polygons of Maximum Width. Discrete and Computational Geometry, 2009, 41, 45-60.	0.4	10
165	Finding communities in networks in the strong and almost-strong sense. Physical Review E, 2012, 85, 046113.	0.8	10
166	Algorithm for parametric community detection in networks. Physical Review E, 2012, 86, 016107.	0.8	10
167	On some interconnections between combinatorial optimization and extremal graph theory. Yugoslav Journal of Operations Research, 2004, 14, 147-154.	0.5	10
168	A cascade algorithm for the logical closure of a set of binary relations. Information Processing Letters, 1976, 5, 50-54.	0.4	9
169	Efficient points on a network. Networks, 1986, 16, 357-368.	1.6	9
170	Heuristic reliability optimization by tabu search. Annals of Operations Research, 1996, 63, 321-336.	2.6	9
171	The boundary-edges code for polyhexes. Computational and Theoretical Chemistry, 1996, 363, 237-247.	1.5	9
172	Mixed-integer column generation algorithms and the probabilistic maximum satisfiability problem. European Journal of Operational Research, 1998, 108, 671-683.	3.5	9
173	Best second order bounds for two-terminal network reliability with dependent edge failures. Discrete Applied Mathematics, 1999, 96-97, 375-393.	0.5	9
174	Chemical trees enumeration algorithms. 4or, 2003, 1, 67.	1.0	9
175	A linear algorithm for fixed bonds in hexagonal systems. Computational and Theoretical Chemistry, 1992, 257, 75-83.	1.5	8
176	New algorithms for product positioning. European Journal of Operational Research, 1998, 104, 154-174.	3.5	8
177	Complement to a comparative analysis of heuristics forÂtheÂp-median problem. Statistics and Computing, 2008, 18, 41-46.	0.8	8
178	Comment on â€œEvolutionary method for finding communities in bipartite networksâ€. Physical Review E, 2011, 84, 058101.	0.8	8
179	On the Weber facility location problem with limited distances and side constraints. Optimization Letters, 2014, 8, 407-424.	0.9	8
180	Edge-ratio network clustering by Variable Neighborhood Search. European Physical Journal B, 2014, 87, 1.	0.6	8

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181	Globally Optimal Clusterwise Regression By Column Generation Enhanced with Heuristics, Sequencing and Ending Subset Optimization. Journal of Classification, 2014, 31, 219-241.	1.2	8
182	On distance Laplacian and distance signless Laplacian eigenvalues of graphs. Linear and Multilinear Algebra, 2019, 67, 2307-2324.	0.5	8
183	An O(tm log D) Algorithm for shortest paths. Discrete Applied Mathematics, 1980, 2, 151-153.	0.5	7
184	On Timonov's algorithm for global optimization of univariate Lipschitz functions. Journal of Global Optimization, 1991, 1, 37-46.	1.1	7
185	Sharp bounds on the order, size, and stability number of graphs. Networks, 1993, 23, 99-102.	1.6	7
186	On lower bounds for numbered complete graphs. Discrete Applied Mathematics, 1999, 94, 205-225.	0.5	7
187	A note on reduction of quadratic and bilinear programs with equality constraints. Journal of Global Optimization, 2002, 22, 39-47.	1.1	7
188	Recherche à voisinage variable de graphes extrémauxÂ13. à propos de la maille. RAIRO - Operations Research, 2005, 39, 275-293.	1.0	7
189	Exact L 2-norm plane separation. Optimization Letters, 2008, 2, 483-495.	0.9	7
190	A NEW SEQUENCE FORM APPROACH FOR THE ENUMERATION AND REFINEMENT OF ALL EXTREME NASH EQUILIBRIA FOR EXTENSIVE FORM GAMES. International Game Theory Review, 2009, 11, 437-451.	0.3	7
191	Average distance and maximum induced forest. Journal of Graph Theory, 2009, 60, 31-54.	0.5	7
192	Variable neighborhood search for extremal graphs. 22. Extending bounds for independence to upper irredundance. Discrete Applied Mathematics, 2009, 157, 3497-3510.	0.5	7
193	Evaluating a branch-and-bound RLT-based algorithm for minimum sum-of-squares clustering. Journal of Global Optimization, 2011, 49, 449-465.	1.1	7
194	A revised peeling algorithm for determining if a hexagonal system is Kekuléan. Computational and Theoretical Chemistry, 1991, 235, 293-309.	1.5	6
195	Mean-preserving changes in risk with tail-dominance. Theory and Decision, 1992, 33, 23-39.	0.5	6
196	An Impossibility Result in Axiomatic Location Theory. Mathematics of Operations Research, 1996, 21, 195-208.	0.8	6
197	On uniform k-partition problems. Discrete Applied Mathematics, 2005, 150, 121-139.	0.5	6
198	On bags and bugs. Electronic Notes in Discrete Mathematics, 2005, 19, 111-116.	0.4	6

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199	Variable neighbourhood search for colour image quantization. IMA Journal of Management Mathematics, 2007, 18, 207-221.	1.1	6
200	Comparison Between Baumann and Admissible Simplex Forms in Interval Analysis. Journal of Global Optimization, 2007, 37, 215-228.	1.1	6
201	Open problems on graph eigenvalues studied with AutoGraphiX. EURO Journal on Computational Optimization, 2013, 1, 181-199.	1.5	6
202	Sequential clustering with radius and split criteria. Central European Journal of Operations Research, 2013, 21, 95-115.	1.1	6
203	Using symbolic calculations to determine largest small polygons. Journal of Global Optimization, 2020, 81, 261.	1.1	6
204	Optimum departure times for commuters in congested networks. Annals of Operations Research, 1990, 25, 279-290.	2.6	5
205	Complexity of Product Positioning and Ball Intersection Problems. Mathematics of Operations Research, 1995, 20, 885-894.	0.8	5
206	Espaliers: A generalization of dendrograms. Journal of Classification, 1996, 13, 107-127.	1.2	5
207	AutoGraphiX: An Automated System for Finding Conjectures in Graph Theory. Electronic Notes in Discrete Mathematics, 2000, 5, 158-161.	0.4	5
208	Column generation bounds for numerical microaggregation. Journal of Global Optimization, 2014, 60, 165-182.	1.1	5
209	Adding cohesion constraints to models for modularity maximization in networks. Journal of Complex Networks, 2015, 3, 388-410.	1.1	5
210	Probabilistic satisfiability and decomposition. Lecture Notes in Computer Science, 1995, , 151-161.	1.0	5
211	A note on diameters of point sets. Optimization Letters, 2010, 4, 585-595.	0.9	4
212	The small hexagon and heptagon with maximum sum of distances between vertices. Journal of Global Optimization, 2011, 49, 467-480.	1.1	4
213	On the difference of energies of a graph and its complement graph. Linear Algebra and Its Applications, 2020, 595, 1-12.	0.4	4
214	Exact solution of three nonconvex quadratic programming problems. Nonconvex Optimization and Its Applications, 2004, , 25-43.	0.1	4
215	Assigning a kekulé structure to a conjugated molecule. Computers & Chemistry, 1995, 19, 21-26.	1.2	3
216	Paths with minimum range and ratio of arc lengths. Discrete Applied Mathematics, 1997, 78, 89-102.	0.5	3

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217	Perfect matchings and ears in elementary bipartite graphs. Discrete Mathematics, 1997, 176, 131-138.	0.4	3
218	An Exact Method for Fractional Goal Programming. Journal of Global Optimization, 2004, 29, 113-120.	1.1	3
219	Algorithms for â„1-Embeddability and Related Problems. Journal of Classification, 2007, 24, 251-275.	1.2	3
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