

# Nenad Mladenovic

## List of Publications by Year in descending order

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215  
papers

12,804  
citations

50170

46  
h-index

25716

108  
g-index

227  
all docs

227  
docs citations

227  
times ranked

5505  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variable neighborhood search. Computers and Operations Research, 1997, 24, 1097-1100.	2.4	3,083
2	Variable neighborhood search: Principles and applications. European Journal of Operational Research, 2001, 130, 449-467.	3.5	1,581
3	Variable neighbourhood search: methods and Applications. Annals of Operations Research, 2010, 175, 367-407.	2.6	677
4	The p-median problem: A survey of metaheuristic approaches. European Journal of Operational Research, 2007, 179, 927-939.	3.5	340
5	Variable neighborhood search for the p-median. Location Science, 1997, 5, 207-226.	0.2	316
6	Variable neighborhood search: basics and variants. EURO Journal on Computational Optimization, 2017, 5, 423-454.	1.5	244
7	Improvements and Comparison of Heuristics for Solving the Uncapacitated Multisource Weber Problem. Operations Research, 2000, 48, 444-460.	1.2	236
8	Variable Neighborhood Decomposition Search. Journal of Heuristics, 2001, 7, 335-350.	1.1	228
9	J-Means: a new local search heuristic for minimum sum of squares clustering. Pattern Recognition, 2001, 34, 405-413.	5.1	226
10	Variable neighbourhood search: methods and applications. 4or, 2008, 6, 319-360.	1.0	212
11	Variable Neighborhood Search. Profiles in Operations Research, 2003, , 145-184.	0.3	193
12	An Introduction to Variable Neighborhood Search. , 1999, , 433-458.		173
13	Variable neighborhood search and local branching. Computers and Operations Research, 2006, 33, 3034-3045.	2.4	151
14	Variable neighborhood search for minimum cost berth allocation. European Journal of Operational Research, 2008, 191, 636-649.	3.5	148
15	Variable Neighborhood Search. Profiles in Operations Research, 2010, , 61-86.	0.3	138
16	A general variable neighborhood search for solving the uncapacitated single allocation p-hub median problem. European Journal of Operational Research, 2010, 206, 289-300.	3.5	134
17	Cooperative Parallel Variable Neighborhood Search for the p-Median. Journal of Heuristics, 2004, 10, 293-314.	1.1	124
18	Solving the p-Center problem with Tabu Search and Variable Neighborhood Search. Networks, 2003, 42, 48-64.	1.6	120

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19	Pooling Problem: Alternate Formulations and Solution Methods. Management Science, 2004, 50, 761-776.	2.4	113
20	A general variable neighborhood search for the one-commodity pickup-and-delivery travelling salesman problem. European Journal of Operational Research, 2012, 220, 270-285.	3.5	113
21	General variable neighborhood search for the continuous optimization. European Journal of Operational Research, 2008, 191, 753-770.	3.5	110
22	Variable neighborhood search for location routing. Computers and Operations Research, 2013, 40, 47-57.	2.4	108
23	Solving spread spectrum radar polyphase code design problem by tabu search and variable neighbourhood search. European Journal of Operational Research, 2003, 151, 389-399.	3.5	101
24	Heuristic solution of the multisource Weber problem as a p-median problem. Operations Research Letters, 1998, 22, 55-62.	0.5	100
25	First vs. best improvement: An empirical study. Discrete Applied Mathematics, 2006, 154, 802-817.	0.5	81
26	An Interior Point Algorithm for Minimum Sum-of-Squares Clustering. SIAM Journal of Scientific Computing, 1999, 21, 1485-1505.	1.3	80
27	Less is more: Basic variable neighborhood search for minimum differential dispersion problem. Information Sciences, 2016, 326, 160-171.	4.0	80
28	Reformulation descent applied to circle packing problems. Computers and Operations Research, 2005, 32, 2419-2434.	2.4	78
29	Fuzzy J-Means: a new heuristic for fuzzy clustering. Pattern Recognition, 2002, 35, 2193-2200.	5.1	74
30	Multi-objective variable neighborhood search: an application to combinatorial optimization problems. Journal of Global Optimization, 2015, 63, 515-536.	1.1	71
31	A new local search for continuous location problems. European Journal of Operational Research, 2014, 232, 256-265.	3.5	66
32	Variable neighborhood search for the maximum clique. Discrete Applied Mathematics, 2004, 145, 117-125.	0.5	61
33	Solving large p-median clustering problems by primal-dual variable neighborhood search. Data Mining and Knowledge Discovery, 2009, 19, 351-375.	2.4	60
34	Developments of Variable Neighborhood Search. Operations Research/ Computer Science Interfaces Series, 2002, , 415-439.	0.3	60
35	Variable neighbourhood decomposition search for 0-1 mixed integer programs. Computers and Operations Research, 2010, 37, 1055-1067.	2.4	58
36	Variable Formulation Search for the Cutwidth Minimization Problem. Applied Soft Computing Journal, 2013, 13, 2242-2252.	4.1	57

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37	Sequential variable neighborhood descent variants: an empirical study on the traveling salesman problem. <i>International Transactions in Operational Research</i> , 2017, 24, 615-633.	1.8	56
38	New heuristic algorithms for solving the planar p-median problem. <i>Computers and Operations Research</i> , 2015, 62, 296-304.	2.4	55
39	Variable neighbourhood search for bandwidth reduction. <i>European Journal of Operational Research</i> , 2010, 200, 14-27.	3.5	53
40	Variable Neighborhood Search. , 2005, , 211-238.		52
41	New exact method for large asymmetric distance-constrained vehicle routing problem. <i>European Journal of Operational Research</i> , 2013, 226, 386-394.	3.5	52
42	Variable Neighborhood Search. <i>Profiles in Operations Research</i> , 2019, , 57-97.	0.3	52
43	Primal-Dual Variable Neighborhood Search for the Simple Plant-Location Problem. <i>INFORMS Journal on Computing</i> , 2007, 19, 552-564.	1.0	51
44	A two phase variable neighborhood search for the multi-product inventory routing problem. <i>Computers and Operations Research</i> , 2014, 52, 291-299.	2.4	50
45	An Oil Pipeline Design Problem. <i>Operations Research</i> , 2003, 51, 228-239.	1.2	49
46	Exact and heuristic solutions of the global supply chain problem with transfer pricing. <i>European Journal of Operational Research</i> , 2010, 202, 864-879.	3.5	48
47	Variable neighborhood search for the Vertex Separation Problem. <i>Computers and Operations Research</i> , 2012, 39, 3247-3255.	2.4	48
48	Variable neighborhood search for the economic lot sizing problem with product returns and recovery. <i>International Journal of Production Economics</i> , 2015, 160, 133-143.	5.1	48
49	Variable neighborhood search for the heaviest -subgraph. <i>Computers and Operations Research</i> , 2009, 36, 2885-2891.	2.4	47
50	Discrete Particle Swarm Optimization for the minimum labelling Steiner tree problem. <i>Natural Computing</i> , 2010, 9, 29-46.	1.8	46
51	Variable neighborhood search for the travelling deliveryman problem. <i>4or</i> , 2013, 11, 57-73.	1.0	46
52	A general variable neighborhood search for solving the uncapacitated $r$ -allocation $p$ -hub median problem. <i>Optimization Letters</i> , 2017, 11, 1109-1121.	0.9	45
53	Less is more: basic variable neighborhood search heuristic for balanced minimum sum-of-squares clustering. <i>Information Sciences</i> , 2017, 415-416, 247-253.	4.0	45
54	Variable neighbourhood simulated annealing algorithm for capacitated vehicle routing problems. <i>Engineering Optimization</i> , 2014, 46, 562-579.	1.5	43

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55	Solving the maximally diverse grouping problem by skewed general variable neighborhood search. Information Sciences, 2015, 295, 650-675.	4.0	42
56	Minimum Sum of Squares Clustering in a Low Dimensional Space. Journal of Classification, 1998, 15, 37-55.	1.2	39
57	Analysis of Global k-Means, an Incremental Heuristic for Minimum Sum-of-Squares Clustering. Journal of Classification, 2005, 22, 287-310.	1.2	39
58	DE-VNS: Self-adaptive Differential Evolution with crossover neighborhood search for continuous global optimization. Computers and Operations Research, 2014, 52, 157-169.	2.4	39
59	Fast metaheuristics for the discrete (r p)-centroid problem. Automation and Remote Control, 2014, 75, 677-687.	0.4	39
60	Design of balanced MBA student teams. Journal of the Operational Research Society, 2005, 56, 60-66.	2.1	37
61	Less is more: Solving the Max-Mean diversity problem with variable neighborhood search. Information Sciences, 2017, 382-383, 179-200.	4.0	37
62	A continuous variable neighborhood search heuristic for finding the three-dimensional structure of a molecule. European Journal of Operational Research, 2008, 185, 1265-1273.	3.5	36
63	An efficient General Variable Neighborhood Search for large Travelling Salesman Problem with Time Windows. Yugoslav Journal of Operations Research, 2013, 23, 19-30.	0.5	36
64	Variable Neighborhood Search. , 2014, , 313-337.		35
65	New local searches for solving the multi-source Weber problem. Annals of Operations Research, 2016, 246, 181-203.	2.6	35
66	Solving the traveling repairman problem with profits: A Novel variable neighborhood search approach. Information Sciences, 2020, 507, 108-123.	4.0	35
67	Variable Neighborhood Search. , 2018, , 759-787.		33
68	Less is more approach: basic variable neighborhood search for the obnoxious $p$ -median problem. International Transactions in Operational Research, 2020, 27, 480-493.	1.8	32
69	Greedy Randomized Adaptive Search and Variable Neighbourhood Search for the minimum labelling spanning tree problem. European Journal of Operational Research, 2009, 196, 440-449.	3.5	31
70	Packing unit spheres into the smallest sphere using VNS and NLP. Computers and Operations Research, 2013, 40, 603-615.	2.4	31
71	General variable neighborhood search for the uncapacitated single allocation $p$ -hub center problem. Optimization Letters, 2017, 11, 377-388.	0.9	31
72	Variable Neighborhood Descent. , 2018, , 341-367.		31

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73	Variable neighborhood decomposition search for the edge weighted k-cardinality tree problem. Computers and Operations Research, 2004, 31, 1205-1213.	2.4	30
74	Heuristic Procedures for Solving the Discrete Ordered Median Problem. Annals of Operations Research, 2005, 136, 145-173.	2.6	30
75	Routing of barge container ships by mixed-integer programming heuristics. Applied Soft Computing Journal, 2013, 13, 3515-3528.	4.1	30
76	Adaptive general variable neighborhood search heuristics for solving the unit commitment problem. International Journal of Electrical Power and Energy Systems, 2016, 78, 873-883.	3.3	30
77	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
78	A VNS metaheuristic for solving the aircraft conflict detection and resolution problem by performing turn changes. Journal of Global Optimization, 2015, 63, 583-596.	1.1	29
79	Attraction probabilities in variable neighborhood search. 4or, 2010, 8, 181-194.	1.0	28
80	Gaussian variable neighborhood search for continuous optimization. Computers and Operations Research, 2012, 39, 2206-2213.	2.4	28
81	Nested general variable neighborhood search for the periodic maintenance problem. European Journal of Operational Research, 2016, 252, 385-396.	3.5	28
82	Continuous Variable Neighborhood Search (C-VNS) for Solving Systems of Nonlinear Equations. INFORMS Journal on Computing, 2019, 31, 235-250.	1.0	28
83	Scheduling preventive railway maintenance activities with resource constraints. Electronic Notes in Discrete Mathematics, 2017, 58, 215-222.	0.4	27
84	The multi-source Weber problem with constant opening cost. Journal of the Operational Research Society, 2004, 55, 640-646.	2.1	26
85	Solving the capacitated clustering problem with variable neighborhood search. Annals of Operations Research, 2019, 272, 289-321.	2.6	26
86	A restarted and modified simplex search for unconstrained optimization. Computers and Operations Research, 2009, 36, 3263-3271.	2.4	25
87	A recipe for finding good solutions to MINLPs. Mathematical Programming Computation, 2011, 3, 349-390.	3.2	25
88	Variable neighborhood search for metric dimension and minimal doubly resolving set problems. European Journal of Operational Research, 2012, 220, 328-337.	3.5	25
89	A basic variable neighborhood search heuristic for the uncapacitated multiple allocation p-hub center problem. Optimization Letters, 2017, 11, 313-327.	0.9	25
90	Variable neighborhood search for the vertex weighted k-cardinality tree problem. European Journal of Operational Research, 2006, 171, 74-84.	3.5	24

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91	Decomposition strategies for large-scale continuous location allocation problems. IMA Journal of Management Mathematics, 2006, 17, 307-316.	1.1	24
92	Variable neighbourhood search for the minimum labelling Steiner tree problem. Annals of Operations Research, 2009, 172, 71-96.	2.6	24
93	Solving the maximum min-sum dispersion by alternating formulations of two different problems. European Journal of Operational Research, 2017, 260, 444-459.	3.5	23
94	Variable neighborhood search for minimum sum-of-squares clustering on networks. European Journal of Operational Research, 2013, 230, 356-363.	3.5	22
95	Skewed general variable neighborhood search for the location routing scheduling problem. Computers and Operations Research, 2015, 61, 143-152.	2.4	22
96	A Good Recipe for Solving MINLPs. Annals of Information Systems, 2009, , 231-244.	0.5	21
97	Solving the clique partitioning problem as a maximally diverse grouping problem. Optimization Letters, 2017, 11, 1123-1135.	0.9	21
98	Degeneracy in the multi-source Weber problem. Mathematical Programming, 1999, 85, 213-220.	1.6	20
99	Variable neighborhood search for harmonic means clustering. Applied Mathematical Modelling, 2011, 35, 2688-2694.	2.2	20
100	Less is more: Simplified Nelder-Mead method for large unconstrained optimization. Yugoslav Journal of Operations Research, 2018, 28, 153-169.	0.5	20
101	Two level General variable neighborhood search for Attractive traveling salesman problem. Computers and Operations Research, 2014, 52, 341-348.	2.4	19
102	Ascent descent variable neighborhood decomposition search for community detection by modularity maximization. Annals of Operations Research, 2019, 272, 273-287.	2.6	19
103	Formulation Space Search for Circle Packing Problems. Lecture Notes in Computer Science, 2007, , 212-216.	1.0	18
104	New variable neighbourhood search based 0-1 MIP heuristics. Yugoslav Journal of Operations Research, 2015, 25, 343-360.	0.5	17
105	An efficient GVNS for solving Traveling Salesman Problem with Time Windows. Electronic Notes in Discrete Mathematics, 2012, 39, 83-90.	0.4	16
106	A variable neighborhood search particle filter for bearings-only target tracking. Computers and Operations Research, 2014, 52, 192-202.	2.4	16
107	Variable Neighbourhood Pump Heuristic for 0-1 Mixed Integer Programming Feasibility. Electronic Notes in Discrete Mathematics, 2010, 36, 759-766.	0.4	15
108	An adaptive perturbation-based heuristic: An application to the continuous p-centre problem. Computers and Operations Research, 2016, 75, 1-11.	2.4	15

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109	General Variable Neighborhood Search for computing graph separators. Optimization Letters, 2017, 11, 1069-1089.	0.9	15
110	Strong metric dimension: A survey. Yugoslav Journal of Operations Research, 2014, 24, 187-198.	0.5	15
111	A variable neighborhood search for the capacitated location-routing problem. , 2011, , .		14
112	Parallel-batching scheduling with nonlinear processing times on a single and unrelated parallel machines. Journal of Global Optimization, 2020, 78, 693-715.	1.1	14
113	A note on duality gap in the simple plant location problem. European Journal of Operational Research, 2006, 174, 11-22.	3.5	13
114	Solving the planar p-median problem by variable neighborhood and concentric searches. Journal of Global Optimization, 2015, 63, 501-514.	1.1	13
115	Hybrid Self-Adaptive Evolution Strategies Guided by Neighborhood Structures for Combinatorial Optimization Problems. Evolutionary Computation, 2016, 24, 637-666.	2.3	13
116	Sum-of-squares clustering on networks. Yugoslav Journal of Operations Research, 2011, 21, 157-161.	0.5	13
117	Variable and single neighbourhood diving for MIP feasibility. Yugoslav Journal of Operations Research, 2016, 26, 131-157.	0.5	13
118	Variable Neighborhood Descent. , 2016, , 1-27.		12
119	Solving the minimum labelling spanning tree problem by intelligent optimization. Applied Soft Computing Journal, 2015, 28, 440-452.	4.1	11
120	New heuristic for harmonic means clustering. Journal of Global Optimization, 2015, 63, 427-443.	1.1	11
121	New MIP model for multiprocessor scheduling problem with communication delays. Optimization Letters, 2017, 11, 1091-1107.	0.9	11
122	Solving multifacility Huff location models on networks using metaheuristic and exact approaches. Computers and Operations Research, 2017, 78, 537-546.	2.4	11
123	NP-Hardness of balanced minimum sum-of-squares clustering. Pattern Recognition Letters, 2017, 97, 44-45.	2.6	11
124	A survey on the applications of variable neighborhood search algorithm in healthcare management. Annals of Mathematics and Artificial Intelligence, 2021, 89, 741-775.	0.9	11
125	Parallel Variable Neighborhood Search. , 2005, , 247-266.		10
126	Variable neighborhood search variants for Min-power symmetric connectivity problem. Computers and Operations Research, 2017, 78, 557-563.	2.4	10



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127	The maximum return-on-investment plant location problem with market share. Journal of the Operational Research Society, 2008, 59, 399-406.	2.1	9
128	New Hybrid Metaheuristics for Solving the Multidimensional Knapsack Problem. Lecture Notes in Computer Science, 2010, , 118-132.	1.0	9
129	Continuous variable neighbourhood search with modified Nelder-Mead for non-differentiable optimization. IMA Journal of Management Mathematics, 2016, 27, 75-88.	1.1	9
130	Less is more: variable neighborhood search for integrated production and assembly in smart manufacturing. Journal of Scheduling, 2020, 23, 649-664.	1.3	9
131	Complement to a comparative analysis of heuristics for the $p$ -median problem. Statistics and Computing, 2008, 18, 41-46.	0.8	8
132	Hybrid Variable Neighbourhood Decomposition Search for 0-1 Mixed Integer Programming Problem. Electronic Notes in Discrete Mathematics, 2010, 36, 883-890.	0.4	8
133	Edge-ratio network clustering by Variable Neighborhood Search. European Physical Journal B, 2014, 87, 1.	0.6	8
134	A Hybrid Genetic and Variable Neighborhood Descent for Probabilistic SAT Problem. Lecture Notes in Computer Science, 2005, , 42-53.	1.0	8
135	Using injection points in reformulation local search for solving continuous location problems. Yugoslav Journal of Operations Research, 2017, 27, 291-300.	0.5	8
136	Solving the Capacitated Dispersion Problem with variable neighborhood search approaches: From basic to skewed VNS. Computers and Operations Research, 2022, 139, 105622.	2.4	8
137	A note on reduction of quadratic and bilinear programs with equality constraints. Journal of Global Optimization, 2002, 22, 39-47.	1.1	7
138	Local and variable neighborhood search for the $k$ -cardinality subgraph problem. Journal of Heuristics, 2008, 14, 501-517.	1.1	7
139	Solving Multifacility Huff Location Models on Networks Using Variable Neighborhood Search and Multi-Start Local Search Metaheuristics. Electronic Notes in Discrete Mathematics, 2012, 39, 121-128.	0.4	7
140	New VNP for automatic programming. Electronic Notes in Discrete Mathematics, 2017, 58, 191-198.	0.4	7
141	A non-triangular hub location problem. Optimization Letters, 2020, 14, 1107-1126.	0.9	7
142	An efficient heuristic for a hub location routing problem. Optimization Letters, 2022, 16, 281-300.	0.9	7
143	Variable neighbourhood search for colour image quantization. IMA Journal of Management Mathematics, 2007, 18, 207-221.	1.1	6
144	Sequential clustering with radius and split criteria. Central European Journal of Operations Research, 2013, 21, 95-115.	1.1	6

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145	J-means and I-means for minimum sum-of-squares clustering on networks. Optimization Letters, 2017, 11, 359-376.	0.9	6
146	VNDS for the min-power symmetric connectivity problem. Optimization Letters, 2019, 13, 1897-1911.	0.9	6
147	Variable neighborhood search for minimum linear arrangement problem. Yugoslav Journal of Operations Research, 2016, 26, 3-16.	0.5	6
148	Extension of the Weiszfeld procedure to a single facility minisum location model with mixed $\ell_1, \ell_2, \ell_p$ norms. Mathematical Methods of Operations Research, 2009, 70, 269-283.	0.4	5
149	Variable neighborhood search for the strong metric dimension problem. Electronic Notes in Discrete Mathematics, 2012, 39, 51-57.	0.4	5
150	Generating good starting solutions for the p-median problem in the plane. Electronic Notes in Discrete Mathematics, 2012, 39, 225-232.	0.4	5
151	Multistart Branch and Bound for Large Asymmetric Distance-Constrained Vehicle Routing Problem. Springer Proceedings in Mathematics and Statistics, 2013, , 15-38.	0.1	5
152	On the aircraft conflict resolution problem: A VNS approach in a multiobjective framework. Electronic Notes in Discrete Mathematics, 2017, 58, 151-158.	0.4	5
153	On Strategies to Fix Degenerate k-means Solutions. Journal of Classification, 2017, 34, 165-190.	1.2	5
154	Editorial to the Special Cluster on Variable Neighborhood Search, Variants and Recent Applications. International Transactions in Operational Research, 2017, 24, 507-508.	1.8	5
155	Variable Neighborhood Search for the K-Cardinality Tree. Applied Optimization, 2003, , 481-500.	0.4	5
156	A separable approximation dynamic programming algorithm for economic dispatch with transmission losses. Yugoslav Journal of Operations Research, 2002, 12, 157-166.	0.5	5
157	Less Is More Approach in Heuristic Optimization. , 2022, , 469-499.		5
158	Variable Neighbourhood Search. Operations Research/ Computer Science Interfaces Series, 2006, , 71-86.	0.3	4
159	A Smart Pool Search Matheuristic for Solving a Multi-objective Microgrid Storage Planning Problem. Energy Procedia, 2016, 103, 292-297.	1.8	4
160	Comparison of metaheuristics for the $k$ -labeled spanning forest problem. International Transactions in Operational Research, 2017, 24, 559-582.	1.8	4
161	A general framework for nested variable neighborhood search. Electronic Notes in Discrete Mathematics, 2017, 58, 159-166.	0.4	4
162	Variable neighborhood search for stochastic linear programming problem with quantile criterion. Journal of Global Optimization, 2019, 74, 549-564.	1.1	4

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163	Revenue maximization of Internet of things provider using variable neighbourhood search. Journal of Global Optimization, 2020, 78, 375-396.	1.1	4
164	Variable Neighborhood Search for the Probabilistic Satisfiability Problem. , 2007, , 173-188.		4
165	Variable neighborhood formulation search approach for the multi-item capacitated lot-sizing problem with time windows and setup times. Yugoslav Journal of Operations Research, 2017, 27, 301-322.	0.5	4
166	Variable neighbourhood search for financial derivative problem. Yugoslav Journal of Operations Research, 2019, 29, 359-373.	0.5	4
167	A variable neighborhood search based algorithm for finite-horizon Markov Decision Processes. Applied Mathematics and Computation, 2010, 217, 3480-3492.	1.4	3
168	A Variable Neighbourhood Search approach to the Cutwidth Minimization Problem. Electronic Notes in Discrete Mathematics, 2012, 39, 67-74.	0.4	3
169	VNS based algorithm for solving a 0-1 nonlinear nonconvex model for the Collision Avoidance in Air Traffic Management. Electronic Notes in Discrete Mathematics, 2012, 39, 115-120.	0.4	3
170	Intelligent variable neighbourhood search for the minimum labelling spanning tree problem. Electronic Notes in Discrete Mathematics, 2013, 41, 399-406.	0.4	3
171	Variable Neighborhood Search. , 2016, , 77-98.		3
172	A performance study on multi improvement neighborhood search strategy. Electronic Notes in Discrete Mathematics, 2017, 58, 199-206.	0.4	3
173	On the k-Medoids Model for Semi-supervised Clustering. Lecture Notes in Computer Science, 2019, , 13-27.	1.0	3
174	Exponential quality function for community detection in complex networks. International Transactions in Operational Research, 2020, 27, 245-266.	1.8	3
175	A New Sentence-Based Interpretative Topic Modeling and Automatic Topic Labeling. Symmetry, 2021, 13, 837.	1.1	3
176	A variable neighborhood search for the last-mile delivery problem during major infectious disease outbreak. Optimization Letters, 2021, , 1-21.	0.9	3
177	Less is more approach in optimization: a road to artificial intelligence. Optimization Letters, 2022, 16, 409-420.	0.9	3
178	Variable Neighbourhood Decomposition Search with Bounding for Multidimensional Knapsack Problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 2018-2022.	0.4	2
179	Maximizing edge-ratio is NP-complete. Discrete Applied Mathematics, 2011, 159, 2276-2280.	0.5	2
180	Fitting censored quantile regression by variable neighborhood search. Journal of Global Optimization, 2015, 63, 481-500.	1.1	2

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181	Clustering cities based on their development dynamics and Variable neighborhood search. <i>Electronic Notes in Discrete Mathematics</i> , 2015, 47, 213-220.	0.4	2
182	Variable Neighborhood Descent for the Capacitated Clustering Problem. <i>Lecture Notes in Computer Science</i> , 2016, , 336-349.	1.0	2
183	Clustering approach in maintenance of capillary railway network. <i>Electronic Notes in Discrete Mathematics</i> , 2017, 58, 239-246.	0.4	2
184	Review of Basic Local Searches for Solving the Minimum Sum-of-Squares Clustering Problem. <i>Springer Optimization and Its Applications</i> , 2018, , 249-270.	0.6	2
185	Using a Variable Neighborhood Search to Solve the Single Processor Scheduling Problem with Time Restrictions. <i>Lecture Notes in Computer Science</i> , 2019, , 202-215.	1.0	2
186	Solving a multiple-qualifications physician scheduling problem with multiple types of tasks by dynamic programming and variable neighborhood search. <i>Journal of the Operational Research Society</i> , 2022, 73, 2043-2058.	2.1	2
187	Variable Neighborhood Search. , 2016, , 1-29.		2
188	A heuristic hybrid framework for vector job scheduling. <i>Yugoslav Journal of Operations Research</i> , 2017, 27, 31-45.	0.5	2
189	A Variable Neighborhood Search (VNS) metaheuristic for Multiprocessor Scheduling Problem with Communication Delays. , 2015, , .		1
190	Editorial: Special issue: Applications of variable neighbourhood search. <i>IMA Journal of Management Mathematics</i> , 2016, 27, 1-2.	1.1	1
191	Variable neighborhood programming for symbolic regression. <i>Optimization Letters</i> , 2020, , 1.	0.9	1
192	Industrial Applications of the Variable Neighborhood Search Metaheuristic. <i>Advances in Computational Management Science</i> , 2002, , 261-273.	1.0	1
193	Decomposition/Aggregation K-means for Big Data. <i>Communications in Computer and Information Science</i> , 2020, , 409-420.	0.4	1
194	How the Health-Care Expenditure Influences the Life Expectancy: Case Study on Russian Regions. , 2021, , 71-82.		1
195	A no-delay single machine scheduling problem to minimize total weighted early and late work. <i>Optimization Letters</i> , 0, , .	0.9	1
196	A mixed integer linear programming model and a basic variable neighbourhood search algorithm for the repatriation scheduling problem. <i>Expert Systems With Applications</i> , 2022, 198, 116728.	4.4	1
197	Dispersion Problem Under Capacity and Cost Constraints: Multiple Neighborhood Tabu Search. <i>Lecture Notes in Computer Science</i> , 2022, , 108-122.	1.0	1
198	Solving 0-1 Mixed Integer Programs with Variable Neighbourhood Decomposition Search. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009, 42, 2012-2017.	0.4	0

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199	Frontal Recess Mucocele Associated with Osteoma: Case Report. Acta Facultatis Medicae Naissensis, 2012, 29, 199-203.	0.1	0
200	Approximation algorithms for the min-power symmetric connectivity problem. AIP Conference Proceedings, 2016, , .	0.3	0
201	A large neighbourhood search heuristic for covering designs. IMA Journal of Management Mathematics, 2016, 27, 89-106.	1.1	0
202	Preface of special issue BALCOR. Optimization Letters, 2017, 11, 1025-1027.	0.9	0
203	Local and Variable Neighborhood Searches for Solving the Capacitated Clustering Problem. Springer Optimization and Its Applications, 2017, , 33-55.	0.6	0
204	Efficient heuristics for the minimum labeling global cut problem. Electronic Notes in Discrete Mathematics, 2018, 66, 23-30.	0.4	0
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