

Nenad Mladenovic

List of Publications by Year in Descending Order

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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.

217
papers

10,163
citations

42
h-index

98
g-index

227
ext. papers

11,382
ext. citations

2.5
avg, IF

6.54
L-index

#	Paper	IF	Citations
217	Solving the Capacitated Dispersion Problem with variable neighborhood search approaches: From basic to skewed VNS. <i>Computers and Operations Research</i> , 2022 , 139, 105622	4.6	1
216	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	7.8	
215	Dispersion Problem Under Capacity and Cost Constraints: Multiple Neighborhood Tabu Search. <i>Lecture Notes in Computer Science</i> , 2022 , 108-122	0.9	
214	Formulation Space Search Metaheuristic 2022 , 405-445		
213	Less Is More Approach in Heuristic Optimization 2022 , 469-499		0
212	How the Health-Care Expenditure Influences the Life Expectancy: Case Study on Russian Regions 2021 , 71-82		1
211	Efficient flow models for the uncapacitated multiple allocation p-hub median problem on non-triangular networks. <i>Computers and Industrial Engineering</i> , 2021 , 162, 107723	6.4	
210	A New Sentence-Based Interpretative Topic Modeling and Automatic Topic Labeling. <i>Symmetry</i> , 2021 , 13, 837	2.7	2
209	A survey on the applications of variable neighborhood search algorithm in healthcare management. <i>Annals of Mathematics and Artificial Intelligence</i> , 2021 , 89, 741-775	0.8	2
208	Simplicial Vertex Heuristic in Solving the Railway Arrival and Departure Paths Assignment Problem. <i>Lecture Notes in Computer Science</i> , 2021 , 123-137	0.9	
207	A variable neighborhood search for the last-mile delivery problem during major infectious disease outbreak. <i>Optimization Letters</i> , 2021 , 1-21	1.1	2
206	Variable Neighborhood Programming as a Tool of Machine Learning. <i>Springer Optimization and Its Applications</i> , 2021 , 221-271	0.4	
205	Preventive maintenance planning of railway infrastructure by reduced variable neighborhood programming. <i>Optimization Letters</i> , 2020 , 1	1.1	
204	Variable neighborhood programming for symbolic regression. <i>Optimization Letters</i> , 2020 , 1	1.1	1
203	Revenue maximization of Internet of things provider using variable neighbourhood search. <i>Journal of Global Optimization</i> , 2020 , 78, 375-396	1.5	4
202	Decomposition/Aggregation K-means for Big Data. <i>Communications in Computer and Information Science</i> , 2020 , 409-420	0.3	0
201	An efficient heuristic for a hub location routing problem. <i>Optimization Letters</i> , 2020 , 1	1.1	2

200	Preface to the special issue [CVNS 2018] <i>Journal of Global Optimization</i> , 2020 , 78, 239-240	1.5	
199	Exponential quality function for community detection in complex networks. <i>International Transactions in Operational Research</i> , 2020 , 27, 245-266	2.9	2
198	Parallel-batching scheduling with nonlinear processing times on a single and unrelated parallel machines. <i>Journal of Global Optimization</i> , 2020 , 78, 693-715	1.5	9
197	A non-triangular hub location problem. <i>Optimization Letters</i> , 2020 , 14, 1107-1126	1.1	4
196	Less is more approach: basic variable neighborhood search for the obnoxious p-median problem. <i>International Transactions in Operational Research</i> , 2020 , 27, 480-493	2.9	17
195	Solving the traveling repairman problem with profits: A Novel variable neighborhood search approach. <i>Information Sciences</i> , 2020 , 507, 108-123	7.7	20
194	Less is more: variable neighborhood search for integrated production and assembly in smart manufacturing. <i>Journal of Scheduling</i> , 2020 , 23, 649-664	1.6	7
193	Less Is More: Tabu Search for Bipartite Quadratic Programming Problem. <i>Lecture Notes in Computer Science</i> , 2019 , 390-401	0.9	2
192	Variable neighborhood search for stochastic linear programming problem with quantile criterion. <i>Journal of Global Optimization</i> , 2019 , 74, 549-564	1.5	2
191	Variable Neighborhood Search for a Two-Stage Stochastic Programming Problem with a Quantile Criterion. <i>Automation and Remote Control</i> , 2019 , 80, 43-52	0.6	
190	On the k-Medoids Model for Semi-supervised Clustering. <i>Lecture Notes in Computer Science</i> , 2019 , 13-27	0.9	1
189	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	0.9	1
188	Continuous Variable Neighborhood Search (C-VNS) for Solving Systems of Nonlinear Equations. <i>INFORMS Journal on Computing</i> , 2019 , 31, 235-250	2.4	17
187	Variable neighbourhood search for financial derivative problem. <i>Yugoslav Journal of Operations Research</i> , 2019 , 29, 359-373	0.9	3
186	Less Is More: The Neighborhood Guided Evolution Strategies Convergence on Some Classic Neighborhood Operators. <i>Lecture Notes in Computer Science</i> , 2019 , 77-88	0.9	
185	VNDS for the min-power symmetric connectivity problem. <i>Optimization Letters</i> , 2019 , 13, 1897-1911	1.1	5
184	Variable Neighborhood Search. <i>Profiles in Operations Research</i> , 2019 , 57-97	1	32
183	Solving the capacitated clustering problem with variable neighborhood search. <i>Annals of Operations Research</i> , 2019 , 272, 289-321	3.2	19

182	Ascent-descent variable neighborhood decomposition search for community detection by modularity maximization. <i>Annals of Operations Research</i> , 2019 , 272, 273-287	3.2	12
181	Efficient heuristics for the minimum labeling global cut problem. <i>Electronic Notes in Discrete Mathematics</i> , 2018 , 66, 23-30	0.3	
180	Less is more: Simplified Nelder-Mead method for large unconstrained optimization. <i>Yugoslav Journal of Operations Research</i> , 2018 , 28, 153-169	0.9	11
179	New MIP model for Multiprocessor Scheduling Problem with Communication Delays. <i>Springer Optimization and Its Applications</i> , 2018 , 129-149	0.4	
178	Review of Basic Local Searches for Solving the Minimum Sum-of-Squares Clustering Problem. <i>Springer Optimization and Its Applications</i> , 2018 , 249-270	0.4	1
177	Variable Neighborhood Search 2018 , 759-787		21
176	Variable Neighborhood Descent 2018 , 341-367		21
175	New MIP model for multiprocessor scheduling problem with communication delays. <i>Optimization Letters</i> , 2017 , 11, 1091-1107	1.1	6
174	General Variable Neighborhood Search for computing graph separators. <i>Optimization Letters</i> , 2017 , 11, 1069-1089	1.1	12
173	Solving the clique partitioning problem as a maximally diverse grouping problem. <i>Optimization Letters</i> , 2017 , 11, 1123-1135	1.1	14
172	A general variable neighborhood search for solving the uncapacitated (r)-allocation (p)-hub median problem. <i>Optimization Letters</i> , 2017 , 11, 1109-1121	1.1	37
171	J-means and I-means for minimum sum-of-squares clustering on networks. <i>Optimization Letters</i> , 2017 , 11, 359-376	1.1	5
170	General variable neighborhood search for the uncapacitated single allocation p-hub center problem. <i>Optimization Letters</i> , 2017 , 11, 377-388	1.1	25
169	A basic variable neighborhood search heuristic for the uncapacitated multiple allocation p-hub center problem. <i>Optimization Letters</i> , 2017 , 11, 313-327	1.1	23
168	Solving multifacility Huff location models on networks using metaheuristic and exact approaches. <i>Computers and Operations Research</i> , 2017 , 78, 537-546	4.6	7
167	Variable neighborhood search variants for Min-power symmetric connectivity problem. <i>Computers and Operations Research</i> , 2017 , 78, 557-563	4.6	10
166	Sequential variable neighborhood descent variants: an empirical study on the traveling salesman problem. <i>International Transactions in Operational Research</i> , 2017 , 24, 615-633	2.9	35
165	Comparison of metaheuristics for the k-labeled spanning forest problem. <i>International Transactions in Operational Research</i> , 2017 , 24, 559-582	2.9	2

164	Solving the maximum min-sum dispersion by alternating formulations of two different problems. <i>European Journal of Operational Research</i> , 2017 , 260, 444-459	5.6	19
163	Scheduling preventive railway maintenance activities with resource constraints. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 215-222	0.3	13
162	A performance study on multi improvement neighborhood search strategy. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 199-206	0.3	2
161	On the aircraft conflict resolution problem: A VNS approach in a multiobjective framework. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 151-158	0.3	3
160	New VNP for automatic programming. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 191-198	0.3	7
159	A general framework for nested variable neighborhood search. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 159-166	0.3	1
158	On Strategies to Fix Degenerate k-means Solutions. <i>Journal of Classification</i> , 2017 , 34, 165-190	1.2	2
157	Clustering approach in maintenance of capillary railway network. <i>Electronic Notes in Discrete Mathematics</i> , 2017 , 58, 239-246	0.3	2
156	Less is more: Solving the Max-Mean diversity problem with variable neighborhood search. <i>Information Sciences</i> , 2017 , 382-383, 179-200	7.7	26
155	Editorial to the Special Cluster on Variable Neighborhood Search, Variants and Recent Applications. <i>International Transactions in Operational Research</i> , 2017 , 24, 507-508	2.9	5
154	NP-Hardness of balanced minimum sum-of-squares clustering. <i>Pattern Recognition Letters</i> , 2017 , 97, 44-45	4.7	5
153	Less is more: basic variable neighborhood search heuristic for balanced minimum sum-of-squares clustering. <i>Information Sciences</i> , 2017 , 415-416, 247-253	7.7	32
152	Variable neighborhood search: basics and variants. <i>EURO Journal on Computational Optimization</i> , 2017 , 5, 423-454	1.2	153
151	Local and Variable Neighborhood Searches for Solving the Capacitated Clustering Problem. <i>Springer Optimization and Its Applications</i> , 2017 , 33-55	0.4	
150	A heuristic hybrid framework for vector job scheduling. <i>Yugoslav Journal of Operations Research</i> , 2017 , 27, 31-45	0.9	1
149	Variable neighborhood formulation search approach for the multi-item capacitated lot-sizing problem with time windows and setup times. <i>Yugoslav Journal of Operations Research</i> , 2017 , 27, 301-322 ^{0.9}		3
148	Using injection points in reformulation local search for solving continuous location problems. <i>Yugoslav Journal of Operations Research</i> , 2017 , 27, 291-300	0.9	7
147	Less is more: Basic variable neighborhood search for minimum differential dispersion problem. <i>Information Sciences</i> , 2016 , 326, 160-171	7.7	61

146	Variable Neighborhood Descent for the Capacitated Clustering Problem. <i>Lecture Notes in Computer Science</i> , 2016 , 336-349	0.9	2
145	Variable Neighborhood Search-Based Heuristics for Min-Power Symmetric Connectivity Problem in Wireless Networks. <i>Lecture Notes in Computer Science</i> , 2016 , 220-232	0.9	3
144	Hybrid Self-Adaptive Evolution Strategies Guided by Neighborhood Structures for Combinatorial Optimization Problems. <i>Evolutionary Computation</i> , 2016 , 24, 637-666	4.3	12
143	Continuous variable neighbourhood search with modified Nelder-Mead for non-differentiable optimization. <i>IMA Journal of Management Mathematics</i> , 2016 , 27, 75-88	1.4	5
142	New local searches for solving the multi-source Weber problem. <i>Annals of Operations Research</i> , 2016 , 246, 181-203	3.2	25
141	Integer Programming Based Approaches for Multi-Trip Location Routing. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2016 , 79-90	0.4	
140	Nested general variable neighborhood search for the periodic maintenance problem. <i>European Journal of Operational Research</i> , 2016 , 252, 385-396	5.6	18
139	Adaptive general variable neighborhood search heuristics for solving the unit commitment problem. <i>International Journal of Electrical Power and Energy Systems</i> , 2016 , 78, 873-883	5.1	26
138	A large neighbourhood search heuristic for covering designs. <i>IMA Journal of Management Mathematics</i> , 2016 , 27, 89-106	1.4	
137	Variable and single neighbourhood diving for MIP feasibility. <i>Yugoslav Journal of Operations Research</i> , 2016 , 26, 131-157	0.9	7
136	Variable neighborhood search for minimum linear arrangement problem. <i>Yugoslav Journal of Operations Research</i> , 2016 , 26, 3-16	0.9	4
135	Variable Neighborhood Search 2016 , 1-29		2
134	Variable Neighborhood Descent 2016 , 1-27		9
133	Maximally Diverse Grouping and Clique Partitioning Problems with Skewed General Variable Neighborhood Search. <i>Springer Proceedings in Mathematics and Statistics</i> , 2016 , 3-38	0.2	
132	Variable Neighborhood Search 2016 , 77-98		3
131	A Smart Pool Search Matheuristic for Solving a Multi-objective Microgrid Storage Planning Problem. <i>Energy Procedia</i> , 2016 , 103, 292-297	2.3	4
130	An adaptive perturbation-based heuristic: An application to the continuous p-centre problem. <i>Computers and Operations Research</i> , 2016 , 75, 1-11	4.6	12
129	Fitting censored quantile regression by variable neighborhood search. <i>Journal of Global Optimization</i> , 2015 , 63, 481-500	1.5	1

128	Skewed general variable neighborhood search for the location routing scheduling problem. <i>Computers and Operations Research</i> , 2015 , 61, 143-152	4.6	18
127	Clustering cities based on their development dynamics and Variable neighborhood search. <i>Electronic Notes in Discrete Mathematics</i> , 2015 , 47, 213-220	0.3	2
126	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	9.3	43
125	Solving the planar p-median problem by variable neighborhood and concentric searches. <i>Journal of Global Optimization</i> , 2015 , 63, 501-514	1.5	13
124	New heuristic algorithms for solving the planar p-median problem. <i>Computers and Operations Research</i> , 2015 , 62, 296-304	4.6	44
123	Solving the maximally diverse grouping problem by skewed general variable neighborhood search. <i>Information Sciences</i> , 2015 , 295, 650-675	7.7	32
122	A VNS metaheuristic for solving the aircraft conflict detection and resolution problem by performing turn changes. <i>Journal of Global Optimization</i> , 2015 , 63, 583-596	1.5	25
121	New heuristic for harmonic means clustering. <i>Journal of Global Optimization</i> , 2015 , 63, 427-443	1.5	11
120	Continuous Optimization by Variable Neighborhood Search 2015 , 1-13		2
119	A Variable Neighborhood Search (VNS) metaheuristic for Multiprocessor Scheduling Problem with Communication Delays 2015 ,		1
118	Multi-objective variable neighborhood search: an application to combinatorial optimization problems. <i>Journal of Global Optimization</i> , 2015 , 63, 515-536	1.5	48
117	Solving the minimum labelling spanning tree problem by intelligent optimization. <i>Applied Soft Computing Journal</i> , 2015 , 28, 440-452	7.5	9
116	New variable neighbourhood search based 0-1 MIP heuristics. <i>Yugoslav Journal of Operations Research</i> , 2015 , 25, 343-360	0.9	16
115	Two level General variable neighborhood search for Attractive traveling salesman problem. <i>Computers and Operations Research</i> , 2014 , 52, 341-348	4.6	16
114	Edge-ratio network clustering by Variable Neighborhood Search. <i>European Physical Journal B</i> , 2014 , 87, 1	1.2	7
113	Fast metaheuristics for the discrete (r p)-centroid problem. <i>Automation and Remote Control</i> , 2014 , 75, 677-687	0.6	29
112	A new local search for continuous location problems. <i>European Journal of Operational Research</i> , 2014 , 232, 256-265	5.6	55
111	Variable neighbourhood simulated annealing algorithm for capacitated vehicle routing problems. <i>Engineering Optimization</i> , 2014 , 46, 562-579	2	36

110	Variable Neighborhood Search 2014 , 313-337		25
109	A variable neighborhood search particle filter for bearings-only target tracking. <i>Computers and Operations Research</i> , 2014 , 52, 192-202	4.6	10
108	DE-VNS: Self-adaptive Differential Evolution with crossover neighborhood search for continuous global optimization. <i>Computers and Operations Research</i> , 2014 , 52, 157-169	4.6	34
107	A two phase variable neighborhood search for the multi-product inventory routing problem. <i>Computers and Operations Research</i> , 2014 , 52, 291-299	4.6	38
106	Strong metric dimension: A survey. <i>Yugoslav Journal of Operations Research</i> , 2014 , 24, 187-198	0.9	10
105	Routing of barge container ships by mixed-integer programming heuristics. <i>Applied Soft Computing Journal</i> , 2013 , 13, 3515-3528	7.5	24
104	New exact method for large asymmetric distance-constrained vehicle routing problem. <i>European Journal of Operational Research</i> , 2013 , 226, 386-394	5.6	40
103	Variable neighborhood search for location routing. <i>Computers and Operations Research</i> , 2013 , 40, 47-57	4.6	88
102	Intelligent variable neighbourhood search for the minimum labelling spanning tree problem. <i>Electronic Notes in Discrete Mathematics</i> , 2013 , 41, 399-406	0.3	2
101	Variable neighborhood search for minimum sum-of-squares clustering on networks. <i>European Journal of Operational Research</i> , 2013 , 230, 356-363	5.6	19
100	Multistart Branch and Bound for Large Asymmetric Distance-Constrained Vehicle Routing Problem. <i>Springer Proceedings in Mathematics and Statistics</i> , 2013 , 15-38	0.2	4
99	Variable Formulation Search for the Cutwidth Minimization Problem. <i>Applied Soft Computing Journal</i> , 2013 , 13, 2242-2252	7.5	53
98	Variable neighborhood search for the travelling deliveryman problem. <i>4or</i> , 2013 , 11, 57-73	1.4	37
97	Packing unit spheres into the smallest sphere using VNS and NLP. <i>Computers and Operations Research</i> , 2013 , 40, 603-615	4.6	23
96	Sequential clustering with radius and split criteria. <i>Central European Journal of Operations Research</i> , 2013 , 21, 95-115	2.2	5
95	An efficient General Variable Neighborhood Search for large Travelling Salesman Problem with Time Windows. <i>Yugoslav Journal of Operations Research</i> , 2013 , 23, 19-30	0.9	25
94	Intelligent Optimization for the Minimum Labelling Spanning Tree Problem. <i>Lecture Notes in Computer Science</i> , 2013 , 19-23	0.9	0
93	Gaussian variable neighborhood search for continuous optimization. <i>Computers and Operations Research</i> , 2012 , 39, 2206-2213	4.6	24

92	A general variable neighborhood search for the one-commodity pickup-and-delivery travelling salesman problem. <i>European Journal of Operational Research</i> , 2012 , 220, 270-285	5.6	92
91	Variable neighborhood search for metric dimension and minimal doubly resolving set problems. <i>European Journal of Operational Research</i> , 2012 , 220, 328-337	5.6	19
90	Variable neighborhood search for the Vertex Separation Problem. <i>Computers and Operations Research</i> , 2012 , 39, 3247-3255	4.6	42
89	Variable neighborhood search for the strong metric dimension problem. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 51-57	0.3	3
88	A Variable Neighbourhood Search approach to the Cutwidth Minimization Problem. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 67-74	0.3	2
87	An efficient GVNS for solving Traveling Salesman Problem with Time Windows. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 83-90	0.3	12
86	VNS based algorithm for solving a 0-1 nonlinear nonconvex model for the Collision Avoidance in Air Traffic Management. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 115-120	0.3	2
85	Solving Multifacility Huff Location Models on Networks Using Variable Neighborhood Search and Multi-Start Local Search Metaheuristics. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 121-128	0.3	5
84	Generating good starting solutions for the p-median problem in the plane. <i>Electronic Notes in Discrete Mathematics</i> , 2012 , 39, 225-232	0.3	5
83	Frontal Recess Mucocele Associated with Osteoma: Case Report. <i>Acta Facultatis Medicae Naissensis</i> , 2012 , 29, 199-203	0.2	
82	A variable neighborhood search for the capacitated location-routing problem 2011 ,		9
81	Maximizing edge-ratio is NP-complete. <i>Discrete Applied Mathematics</i> , 2011 , 159, 2276-2280	1	2
80	A recipe for finding good solutions to MINLPs. <i>Mathematical Programming Computation</i> , 2011 , 3, 349-396	7.8	23
79	Variable neighborhood search for harmonic means clustering. <i>Applied Mathematical Modelling</i> , 2011 , 35, 2688-2694	4.5	18
78	Sum-of-squares clustering on networks. <i>Yugoslav Journal of Operations Research</i> , 2011 , 21, 157-161	0.9	12
77	New Hybrid Matheuristics for Solving the Multidimensional Knapsack Problem. <i>Lecture Notes in Computer Science</i> , 2010 , 118-132	0.9	6
76	Variable neighbourhood search for bandwidth reduction. <i>European Journal of Operational Research</i> , 2010 , 200, 14-27	5.6	40
75	Attraction probabilities in variable neighborhood search. <i>4or</i> , 2010 , 8, 181-194	1.4	26

74	Variable neighbourhood search: methods and applications. <i>Annals of Operations Research</i> , 2010 , 175, 367-407	3.2	532
73	Discrete Particle Swarm Optimization for the minimum labelling Steiner tree problem. <i>Natural Computing</i> , 2010 , 9, 29-46	1.3	37
72	Exact and heuristic solutions of the global supply chain problem with transfer pricing. <i>European Journal of Operational Research</i> , 2010 , 202, 864-879	5.6	40
71	Variable Neighbourhood Pump Heuristic for 0-1 Mixed Integer Programming Feasibility. <i>Electronic Notes in Discrete Mathematics</i> , 2010 , 36, 759-766	0.3	10
70	Hybrid Variable Neighbourhood Decomposition Search for 0-1 Mixed Integer Programming Problem. <i>Electronic Notes in Discrete Mathematics</i> , 2010 , 36, 883-890	0.3	7
69	A variable neighborhood search based algorithm for finite-horizon Markov Decision Processes. <i>Applied Mathematics and Computation</i> , 2010 , 217, 3480-3492	2.7	3
68	Variable neighbourhood decomposition search for 0/1 mixed integer programs. <i>Computers and Operations Research</i> , 2010 , 37, 1055-1067	4.6	47
67	A general variable neighborhood search for solving the uncapacitated single allocation p-hub median problem. <i>European Journal of Operational Research</i> , 2010 , 206, 289-300	5.6	111
66	Variable Neighborhood Search. <i>Profiles in Operations Research</i> , 2010 , 61-86	1	72
65	A Good Recipe for Solving MINLPs. <i>Annals of Information Systems</i> , 2009 , 231-244		18
64	Variable neighbourhood search for the minimum labelling Steiner tree problem. <i>Annals of Operations Research</i> , 2009 , 172, 71-96	3.2	18
63	Solving large p-median clustering problems by primal-dual variable neighborhood search. <i>Data Mining and Knowledge Discovery</i> , 2009 , 19, 351-375	5.6	45
62	Extension of the Weiszfeld procedure to a single facility minimum location model with mixed ℓ_p norms. <i>Mathematical Methods of Operations Research</i> , 2009 , 70, 269-283	1	3
61	Variable neighborhood search for the heaviest k -subgraph. <i>Computers and Operations Research</i> , 2009 , 36, 2885-2891	4.6	35
60	A restarted and modified simplex search for unconstrained optimization. <i>Computers and Operations Research</i> , 2009 , 36, 3263-3271	4.6	19
59	Greedy Randomized Adaptive Search and Variable Neighbourhood Search for the minimum labelling spanning tree problem. <i>European Journal of Operational Research</i> , 2009 , 196, 440-449	5.6	26
58	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		
57	Variable Neighbourhood Decomposition Search with Bounding for Multidimensional Knapsack Problem. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009 , 42, 2018-2022		2

56	The maximum return-on-investment plant location problem with market share. <i>Journal of the Operational Research Society</i> , 2008 , 59, 399-406	2	7
55	A continuous variable neighborhood search heuristic for finding the three-dimensional structure of a molecule. <i>European Journal of Operational Research</i> , 2008 , 185, 1265-1273	5.6	31
54	Complement to a comparative analysis of heuristics for the p-median problem. <i>Statistics and Computing</i> , 2008 , 18, 41-46	1.8	8
53	Local and variable neighborhood search for the k-cardinality subgraph problem. <i>Journal of Heuristics</i> , 2008 , 14, 501-517	1.9	6
52	Variable neighbourhood search: methods and applications. <i>4or</i> , 2008 , 6, 319-360	1.4	176
51	Variable neighborhood search for minimum cost berth allocation. <i>European Journal of Operational Research</i> , 2008 , 191, 636-649	5.6	130
50	General variable neighborhood search for the continuous optimization. <i>European Journal of Operational Research</i> , 2008 , 191, 753-770	5.6	94
49	The p-median problem: A survey of metaheuristic approaches. <i>European Journal of Operational Research</i> , 2007 , 179, 927-939	5.6	280
48	Variable neighbourhood search for colour image quantization. <i>IMA Journal of Management Mathematics</i> , 2007 , 18, 207-221	1.4	5
47	Primal-Dual Variable Neighborhood Search for the Simple Plant-Location Problem. <i>INFORMS Journal on Computing</i> , 2007 , 19, 552-564	2.4	42
46	Formulation Space Search for Circle Packing Problems. <i>Lecture Notes in Computer Science</i> , 2007 , 212-2160.9		17
45	Variable Neighborhood Search for the Probabilistic Satisfiability Problem 2007 , 173-188		4
44	Variable Neighbourhood Search. <i>Operations Research/ Computer Science Interfaces Series</i> , 2006 , 71-86	0.3	2
43	Decomposition strategies for large-scale continuous location-allocation problems. <i>IMA Journal of Management Mathematics</i> , 2006 , 17, 307-316	1.4	21
42	First vs. best improvement: An empirical study. <i>Discrete Applied Mathematics</i> , 2006 , 154, 802-817	1	64
41	A note on duality gap in the simple plant location problem. <i>European Journal of Operational Research</i> , 2006 , 174, 11-22	5.6	11
40	Variable neighborhood search and local branching. <i>Computers and Operations Research</i> , 2006 , 33, 3034-3045	4.5	128
39	Variable neighborhood search for the vertex weighted k-cardinality tree problem. <i>European Journal of Operational Research</i> , 2006 , 171, 74-84	5.6	21

38	Parallel Variable Neighborhood Search 2005 , 247-266		9
37	Reformulation descent applied to circle packing problems. <i>Computers and Operations Research</i> , 2005 , 32, 2419-2434	4.6	65
36	Analysis of Global k-Means, an Incremental Heuristic for Minimum Sum-of-Squares Clustering. <i>Journal of Classification</i> , 2005 , 22, 287-310	1.2	33
35	Heuristic Procedures for Solving the Discrete Ordered Median Problem. <i>Annals of Operations Research</i> , 2005 , 136, 145-173	3.2	26
34	Design of balanced MBA student teams. <i>Journal of the Operational Research Society</i> , 2005 , 56, 60-66	2	25
33	PERMUTATION-BASED GENETIC, TABU, AND VARIABLE NEIGHBORHOOD SEARCH HEURISTICS FOR MULTIPROCESSOR SCHEDULING WITH COMMUNICATION DELAYS. <i>Asia-Pacific Journal of Operational Research</i> , 2005 , 22, 297-326	0.8	25
32	Variable Neighborhood Search 2005 , 211-238		41
31	A Hybrid Genetic and Variable Neighborhood Descent for Probabilistic SAT Problem. <i>Lecture Notes in Computer Science</i> , 2005 , 42-53	0.9	6
30	Pooling Problem: Alternate Formulations and Solution Methods. <i>Management Science</i> , 2004 , 50, 761-776	3.9	101
29	The multi-source Weber problem with constant opening cost. <i>Journal of the Operational Research Society</i> , 2004 , 55, 640-646	2	22
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