

Juan JosÃ© Salazar-GonzÃ¡lez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/326764/publications.pdf>

Version: 2024-02-01

113
papers

3,944
citations

126708

33
h-index

133063

59
g-index

119
all docs

119
docs citations

119
times ranked

2218
citing authors

#	ARTICLE	IF	CITATIONS
1	A Branch-and-cut algorithm for the split-demand one-commodity pickup-and-delivery travelling salesman problem. <i>European Journal of Operational Research</i> , 2022, 297, 467-483.	3.5	13
2	The Pickup and Delivery Problem with Split Loads and Transshipments: A Branch-and-Cut Solution Approach. <i>European Journal of Operational Research</i> , 2021, 289, 470-484.	3.5	29
3	A Branch-and-Price Algorithm for the Vehicle Routing Problem with Stochastic Demands and Probabilistic Duration Constraints. <i>Transportation Science</i> , 2021, 55, 122-138.	2.6	22
4	Designing optimal masks for a multi-object spectrometer. <i>Omega</i> , 2021, 103, 102392.	3.6	2
5	Selective routing problem with synchronization. <i>Computers and Operations Research</i> , 2021, 135, 105465.	2.4	0
6	Heuristic approaches for flight retiming in an integrated airline scheduling problem of a regional carrier. <i>Omega</i> , 2020, 91, 102028.	3.6	32
7	The Capacitated Vehicle Routing Problem: Stronger bounds in pseudo-polynomial time. <i>European Journal of Operational Research</i> , 2019, 272, 24-31.	3.5	27
8	The periodic vehicle routing problem with driver consistency. <i>European Journal of Operational Research</i> , 2019, 273, 575-584.	3.5	40
9	Balanced vehicle routing: Polyhedral analysis and branch-and-cut algorithm. <i>European Journal of Operational Research</i> , 2019, 273, 452-463.	3.5	10
10	The probabilistic pickup-and-delivery travelling salesman problem. <i>Expert Systems With Applications</i> , 2019, 121, 313-323.	4.4	9
11	Optimal Solutions for the Vehicle Routing Problem with Split Demands. <i>Lecture Notes in Computer Science</i> , 2019, , 189-203.	1.0	3
12	Heuristic algorithm for the Split-Demand One-Commodity Pickup-and-Delivery Travelling Salesman Problem. <i>Computers and Operations Research</i> , 2018, 97, 1-17.	2.4	24
13	The connected facility location polytope. <i>Discrete Applied Mathematics</i> , 2018, 234, 151-167.	0.5	7
14	The driver and vehicle routing problem. <i>Computers and Operations Research</i> , 2018, 92, 56-64.	2.4	13
15	Exact Approach for the Vehicle Routing Problem with Stochastic Demands and Preventive Returns. <i>Transportation Science</i> , 2018, 52, 1463-1478.	2.6	24
16	An Exact Algorithm for the Split-Demand One-Commodity Pickup-and-delivery Travelling Salesman Problem. <i>Lecture Notes in Computer Science</i> , 2018, , 241-252.	1.0	1
17	Optimal Solutions to a Real-World Integrated Airline Scheduling Problem. <i>Transportation Science</i> , 2017, 51, 250-268.	2.6	43
18	An exact algorithm for a Vehicle-and-Driver Scheduling Problem. <i>Computers and Operations Research</i> , 2017, 81, 247-256.	2.4	4

#	ARTICLE	IF	CITATIONS
19	An algorithmic framework for the exact solution of tree-star problems. <i>European Journal of Operational Research</i> , 2017, 261, 54-66.	3.5	15
20	Solving the Team Orienteering Arc Routing Problem with a column generation approach. <i>European Journal of Operational Research</i> , 2017, 262, 14-27.	3.5	13
21	Stronger multi-commodity flow formulations of the (capacitated) sequential ordering problem. <i>European Journal of Operational Research</i> , 2016, 251, 74-84.	3.5	16
22	The ring/rings network design problem: Model and branch-and-cut algorithm. <i>Networks</i> , 2016, 68, 130-140.	1.6	10
23	Hierarchical Survivable Network Design Problems. <i>Electronic Notes in Discrete Mathematics</i> , 2016, 52, 229-236.	0.4	4
24	A branch-and-cut algorithm for two-level survivable network design problems. <i>Computers and Operations Research</i> , 2016, 67, 102-112.	2.4	15
25	Solving the Single Vehicle Routing Problem with Variable Capacity. <i>Transportation Science</i> , 2016, 50, 708-719.	2.6	8
26	A hybrid heuristic approach for the multi-commodity pickup-and-delivery traveling salesman problem. <i>European Journal of Operational Research</i> , 2016, 251, 44-52.	3.5	31
27	Stronger multi-commodity flow formulations of the Capacitated Vehicle Routing Problem. <i>European Journal of Operational Research</i> , 2015, 244, 730-738.	3.5	32
28	The split-demand one-commodity pickup-and-delivery travelling salesman problem. <i>Transportation Research Part B: Methodological</i> , 2015, 75, 58-73.	2.8	45
29	Measuring cost efficiency in the presence of quasi-fixed inputs using dynamic Data Envelopment Analysis: The case of port infrastructure. <i>Maritime Economics and Logistics</i> , 2014, 16, 111-126.	2.0	18
30	Chapter 7: Pickup-and-Delivery Problems for People Transportation. , 2014, , 193-212.		22
31	A MIP-based approach to solve the prize-collecting local access network design problem. <i>European Journal of Operational Research</i> , 2014, 235, 727-739.	3.5	6
32	Single liner shipping service design. <i>Computers and Operations Research</i> , 2014, 45, 1-6.	2.4	40
33	The multi-commodity pickup-and-delivery traveling salesman problem. <i>Networks</i> , 2014, 63, 46-59.	1.6	30
34	A branch-and-cut algorithm for the hub location and routing problem. <i>Computers and Operations Research</i> , 2014, 50, 161-174.	2.4	80
35	Approaches to solve the fleet-assignment, aircraft-routing, crew-pairing and crew-rostering problems of a regional carrier. <i>Omega</i> , 2014, 43, 71-82.	3.6	64
36	Enhanced controlled tabular adjustment. <i>Computers and Operations Research</i> , 2014, 43, 61-67.	2.4	6

#	ARTICLE	IF	CITATIONS
37	On the Asymmetric Connected Facility Location Polytope. Lecture Notes in Computer Science, 2014, , 371-383.	1.0	6
38	Further Developments with Perturbation Techniques to Protect Tabular Data. Lecture Notes in Computer Science, 2014, , 24-35.	1.0	1
39	International Network Optimization Conference, Tenerife 2013. Electronic Notes in Discrete Mathematics, 2013, 41, 1-3.	0.4	0
40	A heuristic approach for an integrated fleet-assignment, aircraft-routing and crew-pairing problem. Electronic Notes in Discrete Mathematics, 2013, 41, 391-398.	0.4	12
41	The traveling purchaser problem, with multiple stacks and deliveries: A branch-and-cut approach. Computers and Operations Research, 2013, 40, 2103-2115.	2.4	13
42	A column generation approach for a school bus routing problem with resource constraints. Computers and Operations Research, 2013, 40, 566-583.	2.4	66
43	Polynomial-time separation of Enhanced Reverse Multistar inequalities. Operations Research Letters, 2013, 41, 294-297.	0.5	3
44	Reverse multistar inequalities and vehicle routing problems with a lower bound on the number of customers per route. Networks, 2013, 61, 309-321.	1.6	12
45	The Balanced Minimum Evolution Problem. INFORMS Journal on Computing, 2012, 24, 276-294.	1.0	20
46	A hybrid heuristic approach for the multi-commodity one-to-one pickup-and-delivery traveling salesman problem. Journal of Heuristics, 2012, 18, 849-867.	1.1	17
47	Exact approaches to the single-source network loading problem. Networks, 2012, 59, 89-106.	1.6	23
48	Solving school bus routing using the multiple vehicle traveling purchaser problem: A branch-and-cut approach. Computers and Operations Research, 2012, 39, 391-404.	2.4	81
49	Generalized network design polyhedra. Networks, 2011, 58, 125-136.	1.6	1
50	Decorous Lower Bounds for Minimum Linear Arrangement. INFORMS Journal on Computing, 2011, 23, 26-40.	1.0	21
51	Statistical Confidentiality. , 2011, , .		85
52	Protecting Tabular Data. , 2011, , 65-92.		0
53	A Heuristic Algorithm for a Prize-Collecting Local Access Network Design Problem. Lecture Notes in Computer Science, 2011, , 139-144.	1.0	0
54	Comments on: Routing problems with loading constraints. Top, 2010, 18, 36-38.	1.1	0

#	ARTICLE	IF	CITATIONS
55	A branch–cut algorithm for the pickup and delivery traveling salesman problem with LIFO loading. Networks, 2010, 55, 46-59.	1.6	69
56	Lower Bounds for the Minimum Linear Arrangement of a Graph. Electronic Notes in Discrete Mathematics, 2010, 36, 843-849.	0.4	1
57	On the Vehicle Routing Problem with lower bound capacities. Electronic Notes in Discrete Mathematics, 2010, 36, 1001-1008.	0.4	4
58	Hybridization of very large neighborhood search for ready-mixed concrete delivery problems. Computers and Operations Research, 2010, 37, 559-574.	2.4	66
59	A local branching heuristic for the capacitated fixed-charge network design problem. Computers and Operations Research, 2010, 37, 575-581.	2.4	56
60	Mathematical models to reconstruct phylogenetic trees under the minimum evolution criterion. Networks, 2009, 53, 126-140.	1.6	11
61	On the one-commodity pickup-and-delivery traveling salesman problem with stochastic demands. Mathematical Programming, 2009, 119, 169-194.	1.6	10
62	The multi-commodity one-to-one pickup-and-delivery traveling salesman problem. European Journal of Operational Research, 2009, 196, 987-995.	3.5	54
63	A hybrid GRASP/VND heuristic for the one-commodity pickup-and-delivery traveling salesman problem. Computers and Operations Research, 2009, 36, 1639-1645.	2.4	71
64	Statistical confidentiality: Optimization techniques to protect tables. Computers and Operations Research, 2008, 35, 1638-1651.	2.4	17
65	Solving a capacitated hub location problem. European Journal of Operational Research, 2008, 184, 468-479.	3.5	67
66	A new approach for data editing and imputation. Mathematical Methods of Operations Research, 2008, 68, 407-428.	0.4	0
67	A New Lower Bound for the Minimum Linear Arrangement of a Graph. Electronic Notes in Discrete Mathematics, 2008, 30, 87-92.	0.4	4
68	The Capacitated m -Ring-Star Problem. Operations Research, 2007, 55, 1147-1162.	1.2	109
69	An Exact Approach for the Vehicle Routing Problem with Two-Dimensional Loading Constraints. Transportation Science, 2007, 41, 253-264.	2.6	265
70	The Generalized Traveling Salesman and Orienteering Problems. Combinatorial Optimization, 2007, , 609-662.	0.7	37
71	The one–commodity pickup–delivery traveling salesman problem: Inequalities and algorithms. Networks, 2007, 50, 258-272.	1.6	63
72	An algorithm for checking whether the toric ideal of an affine monomial curve is a complete intersection. Journal of Symbolic Computation, 2007, 42, 971-991.	0.5	15

#	ARTICLE	IF	CITATIONS
73	A heuristic approach for the continuous error localization problem in data cleaning. Computers and Operations Research, 2007, 34, 2370-2383.	2.4	3
74	A branch-and-cut algorithm for the continuous error localization problem in data cleaning. Computers and Operations Research, 2007, 34, 2790-2804.	2.4	6
75	An Iterated Local Search Heuristic for a Capacitated Hub Location Problem. Lecture Notes in Computer Science, 2006, , 70-81.	1.0	4
76	Solving the asymmetric traveling purchaser problem. Annals of Operations Research, 2006, 144, 83-97.	2.6	27
77	Projection results for vehicle routing. Mathematical Programming, 2006, 105, 251-274.	1.6	95
78	Controlled rounding and cell perturbation: statistical disclosure limitation methods for tabular data. Mathematical Programming, 2006, 105, 583-603.	1.6	11
79	A New Approach to Round Tabular Data. Lecture Notes in Computer Science, 2006, , 25-34.	1.0	2
80	A Unified Mathematical Programming Framework for Different Statistical Disclosure Limitation Methods. Operations Research, 2005, 53, 819-829.	1.2	16
81	The biobjective travelling purchaser problem. European Journal of Operational Research, 2005, 160, 599-613.	3.5	40
82	Locating median cycles in networks. European Journal of Operational Research, 2005, 160, 457-470.	3.5	73
83	A heuristic approach for the Travelling Purchaser Problem. European Journal of Operational Research, 2005, 162, 142-152.	3.5	42
84	Laying Out Sparse Graphs with Provably Minimum Bandwidth. INFORMS Journal on Computing, 2005, 17, 356-373.	1.0	24
85	Algorithms for automatic data editing. Statistical Journal of the IAOS, 2004, 20, 255-264.	0.1	0
86	Getting the Best Results in Controlled Rounding with the Least Effort. Lecture Notes in Computer Science, 2004, , 58-72.	1.0	4
87	A branch-and-cut algorithm for the plant-cycle location problem. Journal of the Operational Research Society, 2004, 55, 513-520.	2.1	34
88	Mathematical models for applying cell suppression methodology in statistical data protection. European Journal of Operational Research, 2004, 154, 740-754.	3.5	8
89	The Ring Star Problem: Polyhedral analysis and exact algorithm. Networks, 2004, 43, 177-189.	1.6	137
90	A branch-and-cut algorithm for a traveling salesman problem with pickup and delivery. Discrete Applied Mathematics, 2004, 145, 126-139.	0.5	160

#	ARTICLE	IF	CITATIONS
91	Exact algorithms for the job sequencing and tool switching problem. IIE Transactions, 2004, 36, 37-45.	2.1	60
92	Heuristics for the One-Commodity Pickup-and-Delivery Traveling Salesman Problem. Transportation Science, 2004, 38, 245-255.	2.6	116
93	Decomposition Approaches for a Capacitated Hub Problem. Lecture Notes in Computer Science, 2004, , 154-163.	1.0	2
94	A New Tool for Applying Controlled Rounding to a Statistical Table in Microsoft Excel. Lecture Notes in Computer Science, 2004, , 44-57.	1.0	1
95	Partial cell suppression: A new methodology for statistical disclosure control. Statistics and Computing, 2003, 13, 13-21.	0.8	20
96	Some recent contributions to routing and location problems. Networks, 2003, 42, 109-113.	1.6	2
97	Optimisation of the interconnecting network of a UMTS radio mobile telephone system. European Journal of Operational Research, 2003, 144, 56-67.	3.5	4
98	The Steiner cycle polytope. European Journal of Operational Research, 2003, 147, 671-679.	3.5	22
99	The One-Commodity Pickup-and-Delivery Travelling Salesman Problem. Lecture Notes in Computer Science, 2003, , 89-104.	1.0	18
100	A Branch-and-Cut Algorithm for the Undirected Traveling Purchaser Problem. Operations Research, 2003, 51, 940-951.	1.2	66
101	Extending Cell Suppression to Protect Tabular Data against Several Attackers. Lecture Notes in Computer Science, 2002, , 34-58.	1.0	2
102	Combining complete and partial cell suppression methodologies in statistical disclosure control. Statistical Journal of the IAOS, 2001, 18, 355-361.	0.1	0
103	Solving the Cell Suppression Problem on Tabular Data with Linear Constraints. Management Science, 2001, 47, 1008-1027.	2.4	44
104	A note on the generalized steiner tree polytope. Discrete Applied Mathematics, 2000, 100, 137-144.	0.5	15
105	Models and Algorithms for Optimizing Cell Suppression in Tabular Data with Linear Constraints. Journal of the American Statistical Association, 2000, 95, 916-928.	1.8	23
106	Separating lifted odd-hole inequalities to solve the index selection problem. Discrete Applied Mathematics, 1999, 92, 111-134.	0.5	16
107	Models and algorithms for the 2-dimensional cell suppression problem in statistical disclosure control. Mathematical Programming, 1999, 84, 283-312.	1.6	37
108	Solving the Orienteering Problem through Branch-and-Cut. INFORMS Journal on Computing, 1998, 10, 133-148.	1.0	236

#	ARTICLE	IF	CITATIONS
109	A Branch-and-Cut Algorithm for the Symmetric Generalized Traveling Salesman Problem. Operations Research, 1997, 45, 378-394.	1.2	385
110	A branch-and-cut algorithm for a generalization of the Uncapacitated Facility Location Problem. Top, 1996, 4, 135-163.	1.1	18
111	The symmetric generalized traveling salesman polytope. Networks, 1995, 26, 113-123.	1.6	95
112	Some thoughts on combinatorial optimisation. European Journal of Operational Research, 1995, 83, 253-270.	3.5	17
113	Models and Algorithms for Optimizing Cell Suppression in Tabular Data with Linear Constraints. , 0, .		13