

Haroldo Santos

List of Publications by Year in descending order

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43
all docs

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43
times ranked

691
citing authors

#	ARTICLE	IF	CITATIONS
1	Preprocessing and cutting planes with conflict graphs. Computers and Operations Research, 2021, 128, 105176.	2.4	4
2	Optimal decision trees for the algorithm selection problem: integer programming based approaches. International Transactions in Operational Research, 2021, 28, 2759-2781.	1.8	9
3	The tactical berth allocation problem with time-variant specific quay crane assignments. Computers and Industrial Engineering, 2021, 155, 107168.	3.4	15
4	Cover by disjoint cliques cuts for the knapsack problem with conflicting items. Operations Research Letters, 2021, 49, 844-850.	0.5	4
5	Strong bounds for resource constrained project scheduling: Preprocessing and cutting planes. Computers and Operations Research, 2020, 113, 104782.	2.4	19
6	A MILP Model for a Byzantine Fault Tolerant Blockchain Consensus. Future Internet, 2020, 12, 185.	2.4	1
7	A general-purpose distributed computing Java middleware. Concurrency Computation Practice and Experience, 2019, 31, e4967.	1.4	0
8	Analysis of stochastic local search methods for the unrelated parallel machine scheduling problem. International Transactions in Operational Research, 2019, 26, 707-724.	1.8	33
9	Generic CP-Supported CMSA for Binary Integer Linear Programs. Lecture Notes in Computer Science, 2019, , 1-15.	1.0	0
10	Tutorial de desenvolvimento de aplicativos de programação linear inteira mista em python usando o pacote Python-MIP. Pesquisa Operacional Para O Desenvolvimento, 2019, 11, 127-138.	0.0	1
11	Optimal Decision Trees for Feature Based Parameter Tuning: Integer Programming Model and VNS Heuristic. Electronic Notes in Discrete Mathematics, 2018, 66, 223-230.	0.4	3
12	Automatic integer programming reformulation using variable neighborhood search. Electronic Notes in Discrete Mathematics, 2017, 58, 7-14.	0.4	0
13	Drawing graphs with mathematical programming and variable neighborhood search. Electronic Notes in Discrete Mathematics, 2017, 58, 207-214.	0.4	1
14	Variable neighborhood search accelerated column generation for the nurse rostering problem. Electronic Notes in Discrete Mathematics, 2017, 58, 31-38.	0.4	15
15	Integer programming techniques for educational timetabling. European Journal of Operational Research, 2017, 262, 28-39.	3.5	25
16	Limited memory Rank-1 Cuts for Vehicle Routing Problems. Operations Research Letters, 2017, 45, 206-209.	0.5	27
17	A communitarian microgrid storage planning system inside the scope of a smart city. Applied Energy, 2017, 201, 371-381.	5.1	30
18	Data Mining Approach for Feature Based Parameter Tuning for Mixed-Integer Programming Solvers. Procedia Computer Science, 2017, 108, 715-724.	1.2	2

#	ARTICLE	IF	CITATIONS
19	A Hybrid Heuristic in GPU-CPU Based on Scatter Search for the Generalized Assignment Problem. <i>Procedia Computer Science</i> , 2017, 108, 1404-1413.	1.2	11
20	Separation Strategies for Chvátal-Gomory Cuts in Resource Constrained Project Scheduling Problems: A Computational Study. <i>Lecture Notes in Computer Science</i> , 2017, , 452-466.	1.0	0
21	Integer programming techniques for the nurse rostering problem. <i>Annals of Operations Research</i> , 2016, 239, 225-251.	2.6	60
22	GOAL solver: a hybrid local search based solver for high school timetabling. <i>Annals of Operations Research</i> , 2016, 239, 77-97.	2.6	32
23	A Smart Pool Search Matheuristic for Solving a Multi-objective Microgrid Storage Planning Problem. <i>Energy Procedia</i> , 2016, 103, 292-297.	1.8	4
24	Integrating matheuristics and metaheuristics for timetabling. <i>Computers and Operations Research</i> , 2016, 74, 108-117.	2.4	28
25	Late acceptance hill-climbing for high school timetabling. <i>Journal of Scheduling</i> , 2016, 19, 453-465.	1.3	23
26	An integer programming approach to the multimode resource-constrained multiproject scheduling problem. <i>Journal of Scheduling</i> , 2016, 19, 295-307.	1.3	36
27	Neighborhood Composition Strategies in Stochastic Local Search. <i>Lecture Notes in Computer Science</i> , 2016, , 118-130.	1.0	1
28	A Computational Study of Conflict Graphs and Aggressive Cut Separation in Integer Programming. <i>Electronic Notes in Discrete Mathematics</i> , 2015, 50, 355-360.	0.4	4
29	A Local Search Approach for Binary Programming: Feasibility Search. <i>Lecture Notes in Computer Science</i> , 2014, , 45-55.	1.0	3
30	Variable Neighborhood Search based algorithms for high school timetabling. <i>Computers and Operations Research</i> , 2014, 52, 203-208.	2.4	29
31	XHSTT: an XML archive for high school timetabling problems in different countries. <i>Annals of Operations Research</i> , 2014, 218, 295-301.	2.6	43
32	Memetic Algorithms for the High School Timetabling Problem. , 2013, , .		1
33	A Pre-processing Aware RINS Based MIP Heuristic. <i>Lecture Notes in Computer Science</i> , 2013, , 1-11.	1.0	4
34	A Simulated Annealing Based Approach to the High School Timetabling Problem. <i>Lecture Notes in Computer Science</i> , 2012, , 540-549.	1.0	5
35	A SA-VNS approach for the High School Timetabling Problem. <i>Electronic Notes in Discrete Mathematics</i> , 2012, 39, 169-176.	0.4	16
36	GARP: A New Genetic Algorithm for the Unrelated Parallel Machine Scheduling Problem with Setup Times. , 2012, , .		5

#	ARTICLE	IF	CITATIONS
37	Strong bounds with cut and column generation for class-teacher timetabling. Annals of Operations Research, 2012, 194, 399-412.	2.6	44
38	A hybrid heuristic algorithm for the open-pit-mining operational planning problem. European Journal of Operational Research, 2010, 207, 1041-1051.	3.5	113
39	Combining an evolutionary algorithm with data mining to solve a single-vehicle routing problem. Neurocomputing, 2006, 70, 70-77.	3.5	37
40	A Tabu search heuristic with efficient diversification strategies for the class/teacher timetabling problem. Journal of Experimental Algorithmics, 2005, 10, .	0.7	19