

AndrÃ© R S Amaral

List of Publications by Year in descending order

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29
papers

1,016
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567281

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580821

25
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all docs

29
docs citations

29
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	A heuristic approach for the double row layout problem. <i>Annals of Operations Research</i> , 2022, 316, 1-36.	4.1	14
2	Adaptive iterated local search for the parallel row ordering problem. <i>Expert Systems With Applications</i> , 2022, 208, 118033.	7.6	4
3	A mixed-integer programming formulation of the double row layout problem based on a linear extension of a partial order. <i>Optimization Letters</i> , 2021, 15, 1407-1423.	1.6	11
4	Lexicographic optimization-based clustering search metaheuristic for the multiobjective flexible job shop scheduling problem. <i>International Transactions in Operational Research</i> , 2021, 28, 2733-2758.	2.7	14
5	Otimização por Enxame de Partículas Híbrido de duas fases Aplicado o Problema de Layout em Linha Dupla. <i>Inteligencia Artificial</i> , 2021, 24, 51-70.	0.8	1
6	Simulated Annealing and Iterated Local Search Approaches to the Aircraft Refueling Problem. <i>Lecture Notes in Computer Science</i> , 2021, , 422-438.	1.3	1
7	An improved model for the parallel row ordering problem. <i>Journal of the Operational Research Society</i> , 2020, 71, 475-490.	3.4	17
8	A Solution Approach to The Problem of Nesting Rectangles with Arbitrary Rotations into Containers of Irregular Convex and Non-Convex Shapes. <i>Lecture Notes in Computer Science</i> , 2020, , 747-762.	1.3	0
9	A GRASP algorithm for solving large-scale single row facility layout problems. <i>Computers and Operations Research</i> , 2019, 106, 49-61.	4.0	29
10	An improved mixed-integer programming model for the double row layout of facilities. <i>Optimization Letters</i> , 2019, 13, 193-199.	1.6	26
11	A mixed-integer programming formulation for the double row layout of machines in manufacturing systems. <i>International Journal of Production Research</i> , 2019, 57, 34-47.	7.5	38
12	A simulated annealing metaheuristic for the bi-objective flexible job shop scheduling problem. , 2018, , .		5
13	A Hybrid Iterated Local Search Metaheuristic for the Flexible job Shop Scheduling Problem. , 2018, , .		2
14	A Clustering Search Metaheuristic for the Bi-objective Flexible Job Shop Scheduling Problem. , 2018, , .		6
15	Simulated annealing and tabu search approaches for the Corridor Allocation Problem. <i>European Journal of Operational Research</i> , 2014, 232, 221-233.	5.7	73
16	A polyhedral approach to the single row facility layout problem. <i>Mathematical Programming</i> , 2013, 141, 453-477.	2.4	63
17	A parallel ordering problem in facilities layout. <i>Computers and Operations Research</i> , 2013, 40, 2930-2939.	4.0	44
18	Optimal solutions for the double row layout problem. <i>Optimization Letters</i> , 2013, 7, 407-413.	1.6	58

#	ARTICLE	IF	CITATIONS
19	The corridor allocation problem. <i>Computers and Operations Research</i> , 2012, 39, 3325-3330.	4.0	66
20	Single row facility layout problem using a permutation-based genetic algorithm. <i>European Journal of Operational Research</i> , 2011, 213, 388-394.	5.7	125
21	A mixed 0-1 linear programming formulation for the exact solution of the minimum linear arrangement problem. <i>Optimization Letters</i> , 2009, 3, 513-520.	1.6	13
22	A new lower bound for the single row facility layout problem. <i>Discrete Applied Mathematics</i> , 2009, 157, 183-190.	0.9	107
23	A New Lower Bound for the Minimum Linear Arrangement of a Graph. <i>Electronic Notes in Discrete Mathematics</i> , 2008, 30, 87-92.	0.4	4
24	An Exact Approach to the One-Dimensional Facility Layout Problem. <i>Operations Research</i> , 2008, 56, 1026-1033.	1.9	88
25	An efficient approach for large scale graph partitioning. <i>Journal of Combinatorial Optimization</i> , 2007, 13, 289-320.	1.3	5
26	On the exact solution of a facility layout problem. <i>European Journal of Operational Research</i> , 2006, 173, 508-518.	5.7	140
27	Experiments with a strategic oscillation algorithm for the pallet loading problem. <i>International Journal of Production Research</i> , 2001, 39, 2341-2351.	7.5	12
28	Analysis of upper bounds for the Pallet Loading Problem. <i>European Journal of Operational Research</i> , 2001, 132, 582-593.	5.7	29
29	Efficient Algorithm for the Constrained Two-dimensional Cutting Stock Problem. <i>International Transactions in Operational Research</i> , 2001, 8, 3-13.	2.7	21