Jordi Pereira

List of Publications by Year
in descending order

47 papers	1,299 citations	361296 20 h-index	360920 35 g-index
47 all docs	47 docs citations	47 times ranked	958 citing authors

#	ARTICLE	IF	CITATIONS
1	Variable-depth local search heuristic for assembly line balancing problems. International Journal of Production Research, 2023, 61, 3103-3121.	4.9	1
2	A note on "Algorithms for the Calzedonia workload allocation problem" Journal of the Operational Research Society, 2022, 73, 1420-1422.	2.1	1
3	A Districting Application with a Quality of Service Objective. Mathematics, 2022, 10, 13.	1.1	4
4	A novel districting design approach for on-time last-mile delivery: An application on an express postal company. Omega, 2022, 113, 102687.	3.6	11
5	Assembly line balancing with parallel workstations. International Journal of Production Research, 2021, 59, 6486-6506.	4.9	9
6	Tree optimization based heuristics and metaheuristics in network construction problems. Computers and Operations Research, 2021, 128, 105190.	2.4	4
7	A Hybrid Genetic Algorithm for the Simple Assembly Line Balancing Problem with a Fixed Number of Workstations. Mathematics, 2021, 9, 2157.	1.1	8
8	Analysis of First-Year University Student Dropout through Machine Learning Models: A Comparison between Universities. Mathematics, 2021, 9, 2599.	1.1	15
9	A hybrid K-means and integer programming method for commercial territory design: a case study in meat distribution. Annals of Operations Research, 2020, 286, 87-117.	2.6	10
10	Multiobjective scheduling algorithm for flexible manufacturing systems with Petri nets. Journal of Manufacturing Systems, 2020, 54, 272-284.	7.6	14
11	Minimizing the number of machines with limited workload capacity for scheduling jobs with interval constraints. Applied Mathematical Modelling, 2019, 74, 512-527.	2.2	5
12	On the complexity of assembly line balancing problems. Computers and Operations Research, 2019, 108, 182-186.	2.4	31
13	Modelling and solving a cost-oriented resource-constrained multi-model assembly line balancing problem. International Journal of Production Research, 2018, 56, 3994-4016.	4.9	24
14	The robust (minmax regret) assembly line worker assignment and balancing problem. Computers and Operations Research, 2018, 93, 27-40.	2.4	39
15	An exact approach for the robust assembly line balancing problem. Omega, 2018, 78, 85-98.	3.6	45
16	Lateness Minimization in Pairwise Connectivity Restoration Problems. INFORMS Journal on Computing, 2018, 30, 522-538.	1.0	6
17	A memetic algorithm for the cost-oriented robotic assembly line balancing problem. Computers and Operations Research, 2018, 99, 249-261.	2.4	43
18	Designing and constructing networks under uncertainty in the construction stage: Definition and exact algorithmic approach. Computers and Operations Research, 2017, 81, 178-191.	2.4	3

#	ARTICLE	IF	CITATIONS
19	The single machine weighted mean squared deviation problem. European Journal of Operational Research, 2017, 261, 515-529.	3.5	11
20	Extension of the CMSA Algorithm. , 2016, , .		3
21	A new model for supply chain network design with integrated assembly line balancing decisions. International Journal of Production Research, 2016, 54, 2653-2669.	4.9	9
22	The robust (minmax regret) single machine scheduling with interval processing times and total weighted completion time objective. Computers and Operations Research, 2016, 66, 141-152.	2.4	33
23	Procedures for the bin packing problem with precedence constraints. European Journal of Operational Research, 2016, 250, 794-806.	3.5	20
24	A Hybrid Genetic Algorithm for the One-Dimensional Minimax Bin-Packing Problem with Assignment Constraints. Lecture Notes in Economics and Mathematical Systems, 2016, , 183-188.	0.3	0
25	An exact algorithm for the mixed-model level scheduling problem. International Journal of Production Research, 2015, 53, 5809-5825.	4.9	13
26	Network construction problems with due dates. European Journal of Operational Research, 2015, 244, 715-729.	3.5	21
27	Variable neighborhood search heuristics for a test assembly design problem. Expert Systems With Applications, 2015, 42, 4805-4817.	4.4	14
28	Empirical evaluation of lower bounding methods for the simple assembly line balancing problem. International Journal of Production Research, 2015, 53, 3327-3340.	4.9	24
29	A branch-and-bound algorithm for assembly line worker assignment and balancing problems. Computers and Operations Research, 2014, 44, 105-114.	2.4	88
30	The Robust Set Covering Problem with interval data. Annals of Operations Research, 2013, 207, 217-235.	2.6	33
31	An enumeration procedure for the assembly line balancing problem based on branching by non-decreasing idle time. European Journal of Operational Research, 2013, 229, 106-113.	3.5	31
32	Exact and heuristic procedures for single machine scheduling with quadratic earliness and tardiness penalties. Computers and Operations Research, 2013, 40, 1819-1828.	2.4	12
33	The flowtime network construction problem. IIE Transactions, 2012, 44, 681-694.	2.1	35
34	Exact and heuristic algorithms for the interval data robust assignment problem. Computers and Operations Research, 2011, 38, 1153-1163.	2.4	36
35	Procedures for the Time and Space constrained Assembly Line Balancing Problem. European Journal of Operational Research, 2011, 212, 473-481.	3.5	29
36	A dynamic programming based heuristic for the assembly line balancing problem. European Journal of Operational Research, 2009, 194, 787-794.	3.5	91

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37	A GRASP approach for the extended car sequencing problem. Journal of Scheduling, 2008, 11, 3-16.	1.3	16
38	A Beam Search approach for the optimization version of the Car Sequencing Problem. Annals of Operations Research, 2008, 159, 233-244.	2.6	21
39	Solving an urban waste collection problem using ants heuristics. Computers and Operations Research, 2008, 35, 3020-3033.	2.4	97
40	An Extended Beam-ACO Approach to the Time and Space Constrained Simple Assembly Line Balancing Problem. Lecture Notes in Computer Science, 2008, , 85-96.	1.0	6
41	Incorporating Preferences to a Multi-objective Ant Colony Algorithm for Time and Space Assembly Line Balancing. Lecture Notes in Computer Science, 2008, , 331-338.	1.0	5
42	A GRASP algorithm to solve the unicost set covering problem. Computers and Operations Research, 2007, 34, 3162-3173.	2.4	41
43	Ant algorithms for a time and space constrained assembly line balancing problem. European Journal of Operational Research, 2007, 177, 2016-2032.	3.5	153
44	Modeling the problem of locating collection areas for urban waste management. An application to the metropolitan area of Barcelona. Omega, 2006, 34, 617-629.	3.6	126
45	Beam-ACO Applied to Assembly Line Balancing. Lecture Notes in Computer Science, 2006, , 96-107.	1.0	18
46	Ant Algorithms for Assembly Line Balancing. Lecture Notes in Computer Science, 2002, , 65-75.	1.0	40
47	A note on the flowtime network restoration problem. IISE Transactions, 0, , 1-2.	1.6	0