Marco Pranzo

List of Publications by Year
in descending order

49 papers	2,579 citations	304368 22 h-index	253896 43 g-index
51 all docs	51 docs citations	51 times ranked	1293 citing authors

#	Article	IF	Citations
1	Replication and sequencing of unreliable jobs on parallel machines. Computers and Operations Research, 2022, 139, 105634.	2.4	2
2	Evaluation of VaR and CVaR for the makespan in interval valued blocking job shops. International Journal of Production Economics, 2022, 247, 108455.	5.1	1
3	Risk of delay evaluation in real-time train scheduling with uncertain dwell times. Transportation Research, Part E: Logistics and Transportation Review, 2021, 152, 102366.	3.7	7
4	Expected shortfall for the makespan in activity networks under imperfect information. Flexible Services and Manufacturing Journal, 2020, 32, 668-692.	1.9	11
5	An analytical model for thread-core mapping for tiled CMPs. Performance Evaluation, 2019, 134, 102003.	0.9	0
6	A Patient-Specific Approach for Short-Term Epileptic Seizures Prediction Through the Analysis of EEG Synchronization. IEEE Transactions on Biomedical Engineering, 2019, 66, 1494-1504.	2.5	43
7	A framework for dynamic rescheduling problems. International Journal of Production Research, 2019, 57, 16-33.	4.9	31
8	Power efficient server consolidation for Cloud data center. Future Generation Computer Systems, 2017, 70, 4-16.	4.9	50
9	Speeding up a Rollout algorithm for complex parallel machine scheduling. International Journal of Production Research, 2016, 54, 4993-5009.	4.9	10
10	An iterated greedy metaheuristic for the blocking job shop scheduling problem. Journal of Heuristics, 2016, 22, 587-611.	1.1	49
11	Real‑time scheduling of aircraft arrivals and departures in a terminal maneuvering area. Networks, 2015, 65, 212-227.	1.6	46
12	Decision support system development for integrated management of European coastal lagoons. Environmental Modelling and Software, 2015, 64, 47-57.	1.9	16
13	Susceptibility of optimal train schedules to stochastic disturbances of process times. Flexible Services and Manufacturing Journal, 2014, 26, 466-489.	1.9	56
14	A decomposition approach for the combined master surgical schedule and surgical case assignment problems. Health Care Management Science, 2014, 17, 49-59.	1.5	54
15	Dispatching and coordination in multi-area railway traffic management. Computers and Operations Research, 2014, 44, 146-160.	2.4	88
16	The list scheduling algorithm for scheduling unreliable jobs on two parallel machines. Discrete Applied Mathematics, 2014, 165, 2-11.	0.5	4
17	Risk-Aware Scheduling of Elective Surgeries. Springer Proceedings in Mathematics and Statistics, 2014, , 139-147.	0.1	0
18	Minimising general setup costs in a two-stage production system. International Journal of Production Research, 2013, 51, 2268-2280.	4.9	10

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19	A lower bound on the Hamiltonian path completion number of a line graph. Applied Mathematics and Computation, 2013, 220, 296-304.	1.4	1
20	Intelligent decision support for scheduling and rerouting trains on an Italian railway line. , 2013, , .		2
21	Long term evaluation of operating theater planning policies. Operations Research for Health Care, 2012, 1, 95-104.	0.8	52
22	Bi-objective conflict detection and resolution in railway traffic management. Transportation Research Part C: Emerging Technologies, 2012, 20, 79-94.	3.9	160
23	Dispatching trains during seriously disrupted traffic situations. , 2011, , .		16
24	Models and Methods for Production Scheduling in the Pharmaceutical Industry. Profiles in Operations Research, 2011, , 429-459.	0.3	4
25	Effectiveness of dynamic reordering and rerouting of trains in a complicated and densely occupied station area. Transportation Planning and Technology, 2011, 34, 341-362.	0.9	50
26	Optimization models for consumer flexibility aggregation in smart grids: The ADDRESS approach. , 2011, , .		22
27	Centralized versus distributed systems to reschedule trains in two dispatching areas. Public Transport, 2010, 2, 219-247.	1.7	55
28	Call planning in European pharmaceutical sales force management. IMA Journal of Management Mathematics, 2010, 21, 267-280.	1.1	4
29	A tabu search algorithm for rerouting trains during rail operations. Transportation Research Part B: Methodological, 2010, 44, 175-192.	2.8	250
30	Optimal sequencing of aircrafts take-off and landing at a busy airport. , 2010, , .		25
31	Computing the Nash solution for scheduling bargaining problems. International Journal of Operational Research, 2009, 6, 54.	0.1	19
32	Scheduling dispensing and counting in secondary pharmaceutical manufacturing. AICHE Journal, 2009, 55, 1161-1170.	1.8	12
33	An Advanced Real-Time Train Dispatching System for Minimizing the Propagation of Delays in a Dispatching Area Under Severe Disturbances. Networks and Spatial Economics, 2009, 9, 63-84.	0.7	103
34	Sequencing unreliable jobs on parallel machines. Journal of Scheduling, 2009, 12, 45-54.	1.3	19
35	Evaluation of green wave policy in real-time railway traffic management. Transportation Research Part C: Emerging Technologies, 2009, 17, 607-616.	3.9	95
36	Assessment of flexible timetables in real-time traffic management of a railway bottleneck. Transportation Research Part C: Emerging Technologies, 2008, 16, 232-245.	3.9	100

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37	A bi-objective coordination setup problem in a two-stage production system. European Journal of Operational Research, 2008, 189, 734-745.	3.5	10
38	Scheduling Models for Short-Term Railway Traffic Optimisation. , 2008, , 71-90.		15
39	Reordering and Local Rerouting Strategies to Manage Train Traffic in Real Time. Transportation Science, 2008, 42, 405-419.	2.6	197
40	Minimizing and balancing setups in a serial production system. International Journal of Production Research, 2007, 45, 5769-5788.	4.9	15
41	Conflict Resolution and Train Speed Coordination for Solving Real-Time Timetable Perturbations. IEEE Transactions on Intelligent Transportation Systems, 2007, 8, 208-222.	4.7	173
42	A branch and bound algorithm for scheduling trains in a railway network. European Journal of Operational Research, 2007, 183, 643-657.	3.5	470
43	Local search algorithms for finding the Hamiltonian completion number of line graphs. Annals of Operations Research, 2007, 156, 5-24.	2.6	8
44	SPEED REGULATION IN RAIL NETWORKS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 355-360.	0.4	3
45	A Rollout Metaheuristic for Job Shop Scheduling Problems. Annals of Operations Research, 2004, 131, 215-235.	2.6	49
46	Batch scheduling in a two-machine flow shop with limited buffer and sequence independent setup times and removal times. European Journal of Operational Research, 2004, 153, 581-592.	3.5	45
47	Minimum Dominating Trail Set for Two-Terminal Series Parallel Graphs. Electronic Notes in Discrete Mathematics, 2004, 17, 117-122.	0.4	1
48	Production scheduling in a steelmaking-continuous casting plant. Computers and Chemical Engineering, 2004, 28, 2823-2835.	2.0	109
49	Sequencing two classes of jobs on a machine with an external no-idle constraint. International Journal of Production Research, 0, , 1-12.	4.9	1