Paolo Brandimarte

List of Publications by Year
in descending order

21 papers	1,385 citations	840585 11 h-index	752573 20 g-index
43 all docs	43 docs citations	43 times ranked	914 citing authors

#	Article	IF	Citations
1	Routing and scheduling in a flexible job shop by tabu search. Annals of Operations Research, 1993, 41, 157-183.	2.6	782
2	Multi-item capacitated lot-sizing with demand uncertainty. International Journal of Production Research, 2006, 44, 2997-3022.	4.9	103
3	Maximizing system lifetime in wireless sensor networks. European Journal of Operational Research, 2007, 181, 390-402.	3.5	83
4	Hybrid hierarchical scheduling and control systems in manufacturing. IEEE Transactions on Automation Science and Engineering, 1990, 6, 673-686.	2.4	37
5	LP-based heuristics for the capacitated lot-sizing problem: The interaction of model formulation and solution algorithm. International Journal of Production Research, 2002, 40, 441-458.	4.9	33
6	Joint job/tool scheduling in a flexible manufacturing cell with no on-board tool magazine. Computer Integrated Manufacturing Systems, 1997, 10, 61-68.	0.1	27
7	Exploiting process plan flexibility in production scheduling: A multi-objective approach. European Journal of Operational Research, 1999, 114, 59-71.	3.5	25
8	Data-driven control of a Pendulum Wave Energy Converter: A Gaussian Process Regression approach. Ocean Engineering, 2022, 253, 111191.	1.9	24
9	Conceptual modeling of an object-oriented scheduling architecture based on the shifting bottleneck procedure. IIE Transactions, 2000, 32, 921-929.	2.1	16
10	Neighbourhood search-based optimization algorithms for production scheduling: a survey. Computer Integrated Manufacturing Systems, 1992, 5, 167-176.	0.1	15
11	Continuous Flow Models of Manufacturing Systems: a Review. CIRP Annals - Manufacturing Technology, 1996, 45, 441-444.	1.7	14
12	Job shop scheduling with a non-regular objective: A comparison of neighbourhood structures based on a sequencing/timing decomposition. International Journal of Production Research, 1999, 37, 1697-1715.	4.9	9
13	Methodologies for designing CIM systems: A critique. Computers in Industry, 1995, 25, 281-293.	5.7	8
14	Scheduling satellite launch missions: an MILP approach. Journal of Scheduling, 2013, 16, 29-45.	1.3	5
15	Financial Optimization: optimization paradigms and financial planning under uncertainty. OR Spectrum, 2015, 37, 553-557.	2.1	5
16	Job shop scheduling with delay-renewable resources: A comparison of decomposition strategies. International Journal of Production Research, 1997, 35, 1807-1824.	4.9	4
17	Optimal Financial Decision Making Under Uncertainty. Profiles in Operations Research, 2017, , 255-290.	0.3	4
18	Optimization issues in the calibration of a multicomponent robotic dynamometer. Journal of Manufacturing Systems, 1996, 15, 43-51.	7.6	1

#	Article	IF	Citations
19	Learning Inventory Control Rules for Perishable Items by Simulation-Based Optimization. AIRO Springer Series, 2019, , 433-443.	0.4	1
20	Approximate Dynamic Programming and Reinforcement Learning for Continuous States. EURO Advanced Tutorials on Operational Research, 2021, , 185-204.	0.6	0
21	Approximate Dynamic Programming and Reinforcement Learning for Discrete States. EURO Advanced Tutorials on Operational Research, 2021, , 141-160.	0.6	0