Safia Kedad-Sidhoum

List of Publications by Year
in descending order

25 papers	760 citations	706676 14 h-index	685536 24 g-index
25 all docs	25 docs citations	25 times ranked	662 citing authors

#	Article	IF	Citations
1	Dominance inequalities for scheduling around an unrestrictive common due date. European Journal of Operational Research, 2022, 296, 453-464.	3.5	5
2	Motivations and analysis of the capacitated lot-sizing problem with setup times and minimum and maximum ending inventories. European Journal of Operational Research, 2022, 302, 203-220.	3.5	1
3	Mixed integer formulations using natural variables for single machine scheduling around a common due date. Discrete Applied Mathematics, 2021, 290, 36-59.	0.5	5
4	A Partial Nested Decomposition Approach for Remanufacturing Planning Under Uncertainty. IFIP Advances in Information and Communication Technology, 2021, , 663-672.	0.5	1
5	New Valid Inequalities for a Multi-echelon Multi-item Lot-Sizing Problem with Returns and Lost Sales. Lecture Notes in Computer Science, 2021, , 192-207.	1.0	2
6	A multi-stage stochastic integer programming approach for a multi-echelon lot-sizing problem with returns and lost sales. Computers and Operations Research, 2020, 116, 104865.	2.4	21
7	A Family of Scheduling Algorithms for Hybrid Parallel Platforms. International Journal of Foundations of Computer Science, 2018, 29, 63-90.	0.8	5
8	The single-item green lot-sizing problem with fixed carbon emissions. European Journal of Operational Research, 2016, 248, 849-855.	3.5	68
9	Scheduling independent tasks on multiâ€cores with GPU accelerators. Concurrency Computation Practice and Experience, 2015, 27, 1625-1638.	1.4	26
10	A study of scheduling problems with preemptions on multi-core computers with GPU accelerators. Discrete Applied Mathematics, 2015, 196, 72-82.	0.5	1
11	Performance guarantees for a scheduling problem with common stepwise job payoffs. Theoretical Computer Science, 2015, 562, 377-394.	0.5	2
12	Batch sizing and just-in-time scheduling with common due date. Annals of Operations Research, 2014, 213, 187-202.	2.6	16
13	Scheduling Independent Tasks on Multi-cores with GPU Accelerators. Lecture Notes in Computer Science, 2014, , 228-237.	1.0	3
14	Single machine scheduling with delivery dates and cumulative payoffs. Journal of Scheduling, 2013, 16, 313-329.	1.3	15
15	Lot sizing with carbon emission constraints. European Journal of Operational Research, 2013, 227, 55-61.	3.5	204
16	Just-in-Time Planning and Lot-Sizing. Springer Optimization and Its Applications, 2012, , 191-207.	0.6	2
17	Uncapacitated lot-sizing problem with production time windows, early productions, backlogs and lost sales. International Journal of Production Research, 2011, 49, 2551-2566.	4.9	40
18	Integrated batch sizing and scheduling on a single machine. Journal of Scheduling, 2011, 14, 541-555.	1.3	9

#	Article	IF	Citations
19	Fast neighborhood search for the single machine earlinessâ€“tardiness scheduling problem. Computers and Operations Research, 2010, 37, 1464-1471.	2.4	23
20	The multi-item capacitated lot-sizing problem with safety stocks and demand shortage costs. Computers and Operations Research, 2009, 36, 2926-2936.	2.4	37
21	Lower bounds for the earlinessâ€“tardiness scheduling problem on parallel machines with distinct due dates. European Journal of Operational Research, 2008, 189, 1305-1316.	3.5	57
22	A faster branch-and-bound algorithm for the earliness-tardiness scheduling problem. Journal of Scheduling, 2008, 11, 49-58.	1.3	50
23	The multi-item capacitated lot-sizing problem with setup times and shortage costs. European Journal of Operational Research, 2008, 185, 1351-1374.	3.5	57
24	MIP-based heuristics for multi-item capacitated lot-sizing problem with setup times and shortage costs. RAIRO - Operations Research, 2007, 41, 171-192.	1.0	47
25	The One-Machine Problem with Earliness and Tardiness Penalties. Journal of Scheduling, 2003, 6, 533-549.	1.3	63