Alessandro Agnetis

List of Publications by Year in Descending Order

77 papers	1,672 citations	19 h-index	40 g-index
77 ext. papers	1,893 ext. citations	3.2 avg, IF	4.72 L-index

#	Paper	IF	Citations
77	Complexity of flow time minimization in a crossdock truck scheduling problem with asymmetric handover relations. *Operations Research Letters*, **2022**, 50, 50-56	1	2
76	Time-critical testing and search problems. *European Journal of Operational Research*, **2022**, 296, 440-452	5.6	
75	Locating platforms and scheduling a fleet of drones for emergency delivery of perishable items. *Computers and Industrial Engineering*, **2022**, 168, 108057	6.4	1
74	Replication and sequencing of unreliable jobs on parallel machines. *Computers and Operations Research*, **2021**, 105634	4.6	
73	Nash equilibrium solutions in multi-agent project scheduling with milestones. *European Journal of Operational Research*, **2021**, 294, 29-41	5.6	0
72	The Largest-Z-ratio-First algorithm is 0.8531-approximate for scheduling unreliable jobs on m parallel machines. *Operations Research Letters*, **2020**, 48, 405-409	1	2
71	Price of anarchy and price of stability in multi-agent project scheduling. *Annals of Operations Research*, **2020**, 285, 97-119	3.2	4
70	Price of fairness in two-agent single-machine scheduling problems. *European Journal of Operational Research*, **2019**, 276, 79-87	5.6	13
69	Integrating lean thinking and mathematical optimization: A case study in appointment scheduling of hematological treatments. *Operations Research Perspectives*, **2019**, 6, 100110	2.1	3
68	Some Results on Shop Scheduling with S-Precedence Constraints among Job Tasks. *Algorithms*, **2019**, 12, 250	1.8	3
67	Complexity results for an integrated single machine scheduling and outbound delivery problem with fixed sequence. *Journal of Scheduling*, **2017**, 20, 681-693	1.6	1
66	Integrated production scheduling and batch delivery with fixed departure times and inventory holding costs. *International Journal of Production Research*, **2017**, 55, 6193-6206	7.8	13
65	Finding a Nash equilibrium and an optimal sharing policy for multiagent network expansion game. *Networks*, **2017**, 69, 94-109	1.6	1
64	Scheduling nonpreemptive jobs on parallel machines subject to exponential unrecoverable interruptions. *Computers and Operations Research*, **2017**, 79, 109-118	4.6	2
63	Scheduling with job-rejection and position-dependent processing times on proportionate flowshops. *Optimization Letters*, **2017**, 11, 885-892	1.1	23
62	Integrated Production and Delivery with Inventory Holding Costs. *IFAC-PapersOnLine*, **2016**, 49, 910-915	0.7	
61	Production and interplant batch delivery scheduling: Dominance and cooperation. *International Journal of Production Economics*, **2016**, 182, 38-49	9.3	10

60	Two faster algorithms for coordination of production and batch delivery: A note. *European Journal of Operational Research*, **2015**, 241, 927-930	5.6	10
59	Scheduling two agent task chains with a central selection mechanism. *Journal of Scheduling*, **2015**, 18, 243-261	1.6	10
58	Nash equilibria for the multi-agent project scheduling problem with controllable processing times. *Journal of Scheduling*, **2015**, 18, 15-27	1.6	14
57	Coordination of production and interstage batch delivery with outsourced distribution. *European Journal of Operational Research*, **2014**, 238, 130-142	5.6	45
56	Multiagent Scheduling **2014**,		102
55	The list scheduling algorithm for scheduling unreliable jobs on two parallel machines. *Discrete Applied Mathematics*, **2014**, 165, 2-11	1	4
54	A job shop scheduling problem with human operators in handicraft production. *International Journal of Production Research*, **2014**, 52, 3820-3831	7.8	23
53	Multiagent Scheduling Fundamentals **2014**, 1-22		
52	Parallel Machine Scheduling Problems **2014**, 189-215		0
51	A decomposition approach for the combined master surgical schedule and surgical case assignment problems. *Health Care Management Science*, **2014**, 17, 49-59	4	42
50	Scheduling Problems with Variable Job Processing Times **2014**, 217-260		
49	Problems, Algorithms and Complexity **2014**, 23-55		
48	Single Machine Problems **2014**, 57-145		
47	Batching Scheduling Problems **2014**, 147-187		
46	. *IEEE Transactions on Smart Grid*, **2013**, 4, 2364-2373	10.7	155
45	SOME NONSTANDARD FEATURES OF BARGAINING PROBLEMS. *International Game Theory Review*, **2013**, 15, 1340007	0.2	1
44	Parallel dedicated machines scheduling with chain precedence constraints. *European Journal of Operational Research*, **2012**, 221, 296-305	5.6	10
43	Long term evaluation of operating theater planning policies. *Operations Research for Health Care*, **2012**, 1, 95-104	1.8	45

42	Demand allocation with latency cost functions. *Mathematical Programming*, **2012**, 132, 277-294	2.1	3
41	Multiagent Scheduling Problems **2012**, 151-170		
40	Toolbox for aggregator of flexible demand **2012**,		23
39	Optimization models for consumer flexibility aggregation in smart grids: The ADDRESS approach **2011**,		13
38	A job-shop problem with one additional resource type. *Journal of Scheduling*, **2011**, 14, 225-237	1.6	39
37	Appliance operation scheduling for electricity consumption optimization **2011**,		15
36	Call planning in European pharmaceutical sales force management. *IMA Journal of Management Mathematics*, **2010**, 21, 267-280	1.4	1
35	Scheduling three chains on two parallel machines. *European Journal of Operational Research*, **2010**, 202, 669-674	5.6	11
34	Computing the Nash solution for scheduling bargaining problems. *International Journal of Operational Research*, **2009**, 6, 54	0.9	17
33	Covering a line segment with variable radius discs. *Computers and Operations Research*, **2009**, 36, 1423-1436	1.6	31
32	Sequencing unreliable jobs on parallel machines. *Journal of Scheduling*, **2009**, 12, 45-54	1.6	15
31	A Lagrangian approach to single-machine scheduling problems with two competing agents. *Journal of Scheduling*, **2009**, 12, 401-415	1.6	78
30	Assessing the quality of heuristic solutions to parallel machines minmax scheduling problems. *International Journal of Production Economics*, **2009**, 122, 755-762	9.3	3
29	Optimal packet-to-slot assignment in mobile telecommunications. *Operations Research Letters*, **2009**, 37, 261-264	1	1
28	Single-Machine Scheduling Problems with Generalized Preemption. *INFORMS Journal on Computing*, **2009**, 21, 1-12	2.4	5
27	Multi-agent single machine scheduling. *Annals of Operations Research*, **2007**, 150, 3-15	3.2	136
26	Supply chain scheduling: Sequence coordination. *Discrete Applied Mathematics*, **2006**, 154, 2044-2063	1	82
25	An asymptotically exact algorithm for the high-multiplicity bin packing problem. *Mathematical Programming*, **2005**, 104, 21-37	2.1	6

24	Polynomial Algorithms for a Two-Class Multiprocessor Scheduling Problem in Mobile Telecommunications Systems. *Journal of Scheduling*, **2005**, 8, 255-273	1.6	6
23	A heuristic approach to batching and scheduling a single machine to minimize setup costs. *Computers and Industrial Engineering*, **2004**, 46, 793-802	6.4	8
22	Scheduling Problems with Two Competing Agents. *Operations Research*, **2004**, 52, 229-242	2.3	340
21	Part Batching and Scheduling in a Flexible Cell to Minimize Setup Costs. *Journal of Scheduling*, **2003**, 6, 87-108	1.6	7
20	Process selection and sequencing in a two-agents production system. *4or*, **2003**, 1, 103	1.4	3
19	Optimal packet scheduling in UTRA-TDD. *IEEE Communications Letters*, **2003**, 7, 112-114	3.8	4
18	Partitioning of biweighted trees. *Naval Research Logistics*, **2002**, 49, 143-158	1.5	1
17	Job Shop Scheduling With Two Jobs And Nonregular Objective Functions. *Infor*, **2001**, 39, 227-244	0.5	
16	A linear algorithm for the Hamiltonian completion number of the line graph of a tree. *Information Processing Letters*, **2001**, 79, 17-24	0.8	12
15	Set-Up Coordination between Two Stages of a Supply Chain. *Annals of Operations Research*, **2001**, 107, 15-32	3.2	31
14	Part sequencing in three-machine no-wait robotic cells. *Operations Research Letters*, **2000**, 27, 185-192	1	36
13	Scheduling no-wait robotic cells with two and three machines. *European Journal of Operational Research*, **2000**, 123, 303-314	5.6	75
12	Autonomous agents architectures and algorithms in flexible manufacturing systems. *IIE Transactions*, **2000**, 32, 941-951		2
11	Concurrent operations assignment and sequencing for particular assembly problems in flow lines. *Annals of Operations Research*, **1997**, 69, 1-31	3.2	9
10	No-wait flow shop scheduling with large lot sizes. *Annals of Operations Research*, **1997**, 70, 415-438	3.2	7
9	Joint job/tool scheduling in a flexible manufacturing cell with no on-board tool magazine. *Computer Integrated Manufacturing Systems*, **1997**, 10, 61-68		19
8	Tool handling and scheduling in a two-machine flexible manufacturing cell. *IIE Transactions*, **1996**, 28, 425-437		6
7	Lot Scheduling in a Two-Machine Cell with Swapping Devices. *IIE Transactions*, **1996**, 28, 911-917		10

6	Planning the routing mix in FASs to minimize total transportation time. *Flexible Services and Manufacturing Journal*, **1996**, 8, 131-157		2
5	Specialized inspection problems in serial production systems. *European Journal of Operational Research*, **1995**, 80, 277-296	5.6	13
4	. *IEEE Transactions on Automation Science and Engineering*, **1995**, 11, 1-20		10
3	The Inspection Station Location Problem In Hazardous Material Transportation: Some Heuristics And Bounds. *Infor*, **1995**, 33, 100-113	0.5	24
2	Tool addition strategies for flexible manufacturing systems. *Flexible Services and Manufacturing Journal*, **1994**, 6, 287-310		11
1	. *IEEE Transactions on Automation Science and Engineering*, **1990**, 6, 697-705		18