Jose M Framin

List of Publications by Year in Descending Order

81 papers	2,804 citations	32 h-index	51 g-index
85 ext. papers	3,308 ext. citations	5.7 avg, IF	5.98 L-index

#	Paper	IF	Citations
81	Closed-Loop Supply Chain **2022**, 151-166		
80	New efficient heuristics for scheduling open shops with makespan minimization. *Computers and Operations Research*, **2022**, 142, 105744	4.6	2
79	Matheuristics for the flowshop scheduling problem with controllable processing times and limited resource consumption to minimize total tardiness. *Computers and Operations Research*, **2022**, 105880	4.6	0
78	A critical-path based iterated local search for the green permutation flowshop problem. *Computers and Industrial Engineering*, **2022**, 169, 108276	6.4	3
77	The implications of batching in the bullwhip effect and customer service of closed-loop supply chains. *International Journal of Production Economics*, **2021**, 244, 108379	9.3	3
76	Remanufacturing configuration in complex supply chains. *Omega*, **2021**, 101, 102268	7.2	14
75	Proportional order-up-to policies for closed-loop supply chains: the dynamic effects of inventory controllers. *International Journal of Production Research*, **2021**, 59, 3323-3337	7.8	8
74	New hard benchmark for the 2-stage multi-machine assembly scheduling problem: Design and computational evaluation. *Computers and Industrial Engineering*, **2021**, 158, 107364	6.4	0
73	Permutation flowshop scheduling with periodic maintenance and makespan objective. *Computers and Industrial Engineering*, **2020**, 143, 106369	6.4	4
72	Design of a testbed for hybrid flow shop scheduling with identical machines. *Computers and Industrial Engineering*, **2020**, 141, 106288	6.4	7
71	Hybrid flow shop with multiple servers: A computational evaluation and efficient divide-and-conquer heuristics. *Expert Systems With Applications*, **2020**, 153, 113462	7.8	2
70	Quantifying the Bullwhip Effect in closed-loop supply chains: The interplay of information transparencies, return rates, and lead times. *International Journal of Production Economics*, **2020**, 230, 107798	9.3	18
69	On the dynamics of closed-loop supply chains under remanufacturing lead time variability. *Omega*, **2020**, 97, 102106	7.2	21
68	New efficient constructive heuristics for the two-stage multi-machine assembly scheduling problem. *Computers and Industrial Engineering*, **2020**, 140, 106223	6.4	11
67	Generalised accelerations for insertion-based heuristics in permutation flowshop scheduling. *European Journal of Operational Research*, **2020**, 282, 858-872	5.6	13
66	Using real-time information to reschedule jobs in a flowshop with variable processing times. *Computers and Industrial Engineering*, **2019**, 129, 113-125	6.4	33
65	Efficiency of the solution representations for the hybrid flow shop scheduling problem with makespan objective. *Computers and Operations Research*, **2019**, 109, 77-88	4.6	21

64	A best-of-breed iterated greedy for the permutation flowshop scheduling problem with makespan objective. *Computers and Operations Research*, **2019**, 112, 104767	4.6	16
63	Linking Scheduling Criteria to Shop Floor Performance in Permutation Flowshops. *Algorithms*, **2019**, 12, 263	1.8	1
62	On the dynamics of closed-loop supply chains with capacity constraints. *Computers and Industrial Engineering*, **2019**, 128, 91-103	6.4	25
61	Deterministic assembly scheduling problems: A review and classification of concurrent-type scheduling models and solution procedures. *European Journal of Operational Research*, **2019**, 273, 401-417	5.6	51
60	Single machine interfering jobs problem with flowtime objective. *Journal of Intelligent Manufacturing*, **2018**, 29, 953-972	6.7	3
59	The distributed permutation flow shop to minimise the total flowtime. *Computers and Industrial Engineering*, **2018**, 118, 464-477	6.4	71
58	Efficient heuristics for the hybrid flow shop scheduling problem with missing operations. *Computers and Industrial Engineering*, **2018**, 115, 88-99	6.4	34
57	Iterated-greedy-based algorithms with beam search initialization for the permutation flowshop to minimise total tardiness. *Expert Systems With Applications*, **2018**, 94, 58-69	7.8	36
56	New efficient constructive heuristics for the hybrid flowshop to minimise makespan: A computational evaluation of heuristics. *Expert Systems With Applications*, **2018**, 114, 345-356	7.8	21
55	Capacity restrictions and supply chain performance: Modelling and analysing load-dependent lead times. *International Journal of Production Economics*, **2018**, 204, 264-277	9.3	25
54	A simheuristic algorithm to set up starting times in the stochastic parallel flowshop problem. *Simulation Modelling Practice and Theory*, **2018**, 86, 55-71	3.9	34
53	A beam-search-based constructive heuristic for the PFSP to minimise total flowtime. *Computers and Operations Research*, **2017**, 81, 167-177	4.6	25
52	Inventory record inaccuracy The impact of structural complexity and lead time variability. *Omega*, **2017**, 68, 123-138	7.2	30
51	A new vision of approximate methods for the permutation flowshop to minimise makespan: State-of-the-art and computational evaluation. *European Journal of Operational Research*, **2017**, 257, 707-721	5.6	98
50	Reduction of permutation flowshop problems to single machine problems using machine dominance relations. *Computers and Operations Research*, **2017**, 77, 96-110	4.6	6
49	The value of real-time data in stochastic flowshop scheduling: A simulation study for makespan **2017**,		3
48	Available-To-Promise systems in the semiconductor industry: A review of contributions and a preliminary experiment **2016**,		2
47	Efficient constructive and composite heuristics for the Permutation Flowshop to minimise total earliness and tardiness. *Computers and Operations Research*, **2016**, 75, 38-48	4.6	10

46	A computational evaluation of constructive and improvement heuristics for the blocking flow shop to minimise total flowtime. *Expert Systems With Applications*, **2016**, 61, 290-301	7.8	30
45	Closed-loop supply chains: What reverse logistics factors influence performance?. *International Journal of Production Economics*, **2016**, 175, 35-49	9.3	76
44	**2016**,		1
43	A review and classification of computer-based manufacturing scheduling tools. *Computers and Industrial Engineering*, **2016**, 99, 229-249	6.4	14
42	NEH-based heuristics for the permutation flowshop scheduling problem to minimise total tardiness. *Computers and Operations Research*, **2015**, 60, 27-36	4.6	55
41	On heuristic solutions for the stochastic flowshop scheduling problem. *European Journal of Operational Research*, **2015**, 246, 413-420	5.6	28
40	The impact of the supply chain structure on bullwhip effect. *Applied Mathematical Modelling*, **2015**, 39, 7309-7325	4.5	40
39	Efficient non-population-based algorithms for the permutation flowshop scheduling problem with makespan minimisation subject to a maximum tardiness. *Computers and Operations Research*, **2015**, 64, 86-96	4.6	20
38	On returns and network configuration in supply chain dynamics. *Transportation Research, Part E: Logistics and Transportation Review*, **2015**, 73, 152-167	9	23
37	The effect of Inventory Record Inaccuracy in Information Exchange Supply Chains. *European Journal of Operational Research*, **2015**, 243, 120-129	5.6	53
36	A new set of high-performing heuristics to minimise flowtime in permutation flowshops. *Computers and Operations Research*, **2015**, 53, 68-80	4.6	32
35	A bounded-search iterated greedy algorithm for the distributed permutation flowshop scheduling problem. *International Journal of Production Research*, **2015**, 53, 1111-1123	7.8	123
34	New hard benchmark for flowshop scheduling problems minimising makespan. *European Journal of Operational Research*, **2015**, 240, 666-677	5.6	88
33	Assessing scheduling policies in a permutation flowshop with common due dates. *International Journal of Production Research*, **2015**, 53, 5742-5754	7.8	5
32	On insertion tie-breaking rules in heuristics for the permutation flowshop scheduling problem. *Computers and Operations Research*, **2014**, 45, 60-67	4.6	90
31	Manufacturing Scheduling Systems **2014**,		41
30	A common framework and taxonomy for multicriteria scheduling problems with interfering and competing jobs: Multi-agent scheduling problems. *European Journal of Operational Research*, **2014**, 235, 1-16	5.6	103
29	Serial vs. divergent supply chain networks: a comparative analysis of the bullwhip effect. *International Journal of Production Research*, **2014**, 52, 2194-2210	7.8	37

28   An IT-enabled supply chain model: a simulation study. *International Journal of Systems Science*, **2014**, 45, 2327-2341   2.3   21

27   On bullwhip-limiting strategies in divergent supply chain networks. *Computers and Industrial Engineering*, **2014**, 73, 85-95   6.4   59

26   Scheduling Constraints **2014**, 75-99

25   Overview of Scheduling Tools **2014**, 291-317   1

24   A decision management tool: modelling the order fulfilment process by multi-agent systems. *International Journal of Management and Decision Making*, **2013**, 12, 240   0.4   15

23   On the Bullwhip Avoidance Phase: The Synchronised Supply Chain. *European Journal of Operational Research*, **2012**, 221, 49-63   5.6   80

22   Token-based pull production control systems: an introductory overview. *Journal of Intelligent Manufacturing*, **2012**, 23, 5-22   6.7   36

21   Guidelines for the deployment and implementation of manufacturing scheduling systems. *International Journal of Production Research*, **2012**, 50, 1799-1812   7.8   35

20   Inventory policies and information sharing in multi-echelon supply chains. *Production Planning and Control*, **2011**, 22, 649-659   4.3   40

19   Setting a common due date in a constrained flowshop: A variable neighbourhood search approach. *Computers and Operations Research*, **2010**, 37, 1740-1748   4.6   12

18   Architecture of manufacturing scheduling systems: Literature review and an integrated proposal. *European Journal of Operational Research*, **2010**, 205, 237-246   5.6   51

17   Review and classification of hybrid flow shop scheduling problems from a production system and a solutions procedure perspective. *Computers and Operations Research*, **2010**, 37, 1439-1454   4.6   277

16   Scheduling permutation flowshops with initial availability constraint: Analysis of solutions and constructive heuristics. *Computers and Operations Research*, **2009**, 36, 2866-2876   4.6   19

15   The pull evolution: from Kanban to customised token-based systems. *Production Planning and Control*, **2009**, 20, 276-287   4.3   14

14   A proposal for a hybrid meta-strategy for combinatorial optimization problems. *Journal of Heuristics*, **2008**, 14, 375-390   1.9   3

13   A multi-objective iterated greedy search for flowshop scheduling with makespan and flowtime criteria. *OR Spectrum*, **2008**, 30, 787-804   1.9   39

12   Evaluating the performance for makespan minimisation in no-wait flowshop sequencing. *Journal of Materials Processing Technology*, **2008**, 197, 1-9   5.3   51

11   An enhanced timetabling procedure for the no-wait job shop problem: a complete local search approach. *Computers and Operations Research*, **2006**, 33, 1200-1213   4.6   44

10	A heuristic for scheduling a permutation flowshop with makespan objective subject to maximum tardiness. *International Journal of Production Economics*, **2006**, 99, 28-40	9.3	28
9	Dynamic card controlling in a Conwip system. *International Journal of Production Economics*, **2006**, 99, 102-116	9.3	33
8	Comparison of heuristics for flowtime minimisation in permutation flowshops. *Computers and Operations Research*, **2005**, 32, 1237-1254	4.6	89
7	Approximative procedures for no-wait job shop scheduling. *Operations Research Letters*, **2003**, 31, 308-318		109
6	The CONWIP production control system: Review and research issues. *Production Planning and Control*, **2003**, 14, 255-265	4.3	99
5	Efficient heuristics for flowshop sequencing with the objectives of makespan and flowtime minimisation. *European Journal of Operational Research*, **2002**, 141, 559-569	5.6	92
4	Sequencing CONWIP flow-shops: Analysis and heuristics. *International Journal of Production Research*, **2001**, 39, 2735-2749	7.8	17
3	Input control and dispatching rules in a dynamic CONWIP flow-shop. *International Journal of Production Research*, **2000**, 38, 4589-4598	7.8	25
2	Information sharing in decentralised supply chains with partial collaboration. *Flexible Services and Manufacturing Journal*,1	1.8	0
1	Analysing the impact of production control policies on the dynamics of a two-product supply chain with capacity constraints. *International Journal of Production Research*,1-25	7.8	5