

Ali Allahverdi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

3,902
citations

29
h-index

62
g-index

78
ext. papers

4,267
ext. citations

4.3
avg, IF

6.06
L-index

#	Paper	IF	Citations
75	A survey of scheduling problems with setup times or costs. <i>European Journal of Operational Research</i> , 2008 , 187, 985-1032	5.6	919
74	A review of scheduling research involving setup considerations. <i>Omega</i> , 1999 , 27, 219-239	7.2	572
73	The third comprehensive survey on scheduling problems with setup times/costs. <i>European Journal of Operational Research</i> , 2015 , 246, 345-378	5.6	256
72	The significance of reducing setup times/setup costs. <i>European Journal of Operational Research</i> , 2008 , 187, 978-984	5.6	163
71	New heuristics for no-wait flowshops to minimize makespan. <i>Computers and Operations Research</i> , 2003 , 30, 1219-1231	4.6	126
70	A survey of scheduling problems with no-wait in process. <i>European Journal of Operational Research</i> , 2016 , 255, 665-686	5.6	121
69	A PSO and a Tabu search heuristics for the assembly scheduling problem of the two-stage distributed database application. <i>Computers and Operations Research</i> , 2006 , 33, 1056-1080	4.6	121
68	A self-adaptive differential evolution heuristic for two-stage assembly scheduling problem to minimize maximum lateness with setup times. <i>European Journal of Operational Research</i> , 2007 , 182, 80-94	5.6	108
67	New heuristics for m-machine no-wait flowshop to minimize total completion time. <i>Omega</i> , 2004 , 32, 345-352	7.2	90
66	Evolutionary heuristics and an algorithm for the two-stage assembly scheduling problem to minimize makespan with setup times. <i>International Journal of Production Research</i> , 2006 , 44, 4713-4735	7.8	63
65	The two-stage assembly scheduling problem to minimize total completion time with setup times. <i>Computers and Operations Research</i> , 2009 , 36, 2740-2747	4.6	59
64	New heuristics to minimize total completion time in m-machine flowshops. <i>International Journal of Production Economics</i> , 2002 , 77, 71-83	9.3	56
63	Total flowtime in no-wait flowshops with separated setup times. <i>Computers and Operations Research</i> , 1998 , 25, 757-765	4.6	52
62	The two-stage assembly flowshop scheduling problem with bicriteria of makespan and mean completion time. <i>International Journal of Advanced Manufacturing Technology</i> , 2008 , 37, 166-177	3.2	50
61	Optimizing modular product design for reconfigurable manufacturing. <i>Journal of Intelligent Manufacturing</i> , 2002 , 13, 309-316	6.7	49
60	Two-Stage Production Scheduling with Separated Set-up Times and Stochastic Breakdowns. <i>Journal of the Operational Research Society</i> , 1995 , 46, 896-904	2	46
59	The two stage assembly flowshop scheduling problem to minimize total tardiness. <i>Journal of Intelligent Manufacturing</i> , 2015 , 26, 225-237	6.7	45

58	Optimal selection of module instances for modular products in reconfigurable manufacturing systems. <i>International Journal of Production Research</i> , 2003 , 41, 4063-4074	7.8	45
57	No-wait flowshops with bicriteria of makespan and maximum lateness. <i>European Journal of Operational Research</i> , 2004 , 152, 132-147	5.6	43
56	Minimizing mean flowtime in a two-machine flowshop with sequence-independent setup times. <i>Computers and Operations Research</i> , 2000 , 27, 111-127	4.6	42
55	Heuristics for a two-stage assembly flowshop with bicriteria of maximum lateness and makespan. <i>Computers and Operations Research</i> , 2009 , 36, 2682-2689	4.6	39
54	A new heuristic for m-machine flowshop scheduling problem with bicriteria of makespan and maximum tardiness. <i>Computers and Operations Research</i> , 2004 , 31, 157-180	4.6	38
53	Scheduling on a two-machine flowshop subject to random breakdowns with a makespan objective function. <i>European Journal of Operational Research</i> , 1995 , 81, 376-387	5.6	35
52	Two-machine proportionate flowshop scheduling with breakdowns to minimize maximum lateness. <i>Computers and Operations Research</i> , 1996 , 23, 909-916	4.6	35
51	No-wait flowshop with separate setup times to minimize maximum lateness. <i>International Journal of Advanced Manufacturing Technology</i> , 2007 , 35, 551-565	3.2	32
50	The two- and m-machine flowshop scheduling problems with bicriteria of makespan and mean flowtime. <i>European Journal of Operational Research</i> , 2003 , 147, 373-396	5.6	30
49	Two-machine flowshop minimum length scheduling problem with random and bounded processing times. <i>International Transactions in Operational Research</i> , 2003 , 10, 65-76	2.9	30
48	Total completion time with makespan constraint in no-wait flowshops with setup times. <i>European Journal of Operational Research</i> , 2014 , 238, 724-734	5.6	29
47	Some effective heuristics for no-wait flowshops with setup times to minimize total completion time. <i>Annals of Operations Research</i> , 2007 , 156, 143-171	3.2	29
46	Heuristics for the two-machine flowshop scheduling problem to minimise makespan with bounded processing times. <i>International Journal of Production Research</i> , 2010 , 48, 6367-6385	7.8	28
45	Using two-machine flowshop with maximum lateness objective to model multimedia data objects scheduling problem for WWW applications. <i>Computers and Operations Research</i> , 2002 , 29, 971-994	4.6	28
44	Scheduling on M parallel machines subject to random breakdowns to minimize expected mean flow time. <i>Naval Research Logistics</i> , 1994 , 41, 677-682	1.5	28
43	No-wait flowshop scheduling problem with two criteria; total tardiness and makespan. <i>European Journal of Operational Research</i> , 2018 , 269, 590-601	5.6	26
42	An artificial immune system heuristic for two-stage multi-machine assembly scheduling problem to minimize total completion time. <i>Journal of Manufacturing Systems</i> , 2013 , 32, 825-830	9.1	26
41	New heuristics for no-wait flow shops with a linear combination of makespan and maximum lateness. <i>International Journal of Production Research</i> , 2009 , 47, 5717-5738	7.8	25

40	Minimizing total tardiness in no-wait flowshops. <i>Foundations of Computing and Decision Sciences</i> , 2012 , 37, 149-162	0.7	24
39	Single machine scheduling problem with interval processing times to minimize mean weighted completion time. <i>Computers and Operations Research</i> , 2014 , 51, 200-207	4.6	23
38	Two-machine flowshop scheduling problem to minimize makespan or total completion time with random and bounded setup times. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2003 , 2003, 2475-2486	0.8	23
37	Production in a two-machine flowshop scheduling environment with uncertain processing and setup times to minimize makespan. <i>International Journal of Production Research</i> , 2015 , 53, 2803-2819	7.8	21
36	Scheduling in stochastic flowshops with independent setup, processing and removal times. <i>Computers and Operations Research</i> , 1997 , 24, 955-960	4.6	21
35	Two-stage assembly scheduling problem for minimizing total tardiness with setup times. <i>Applied Mathematical Modelling</i> , 2016 , 40, 7796-7815	4.5	20
34	Increasing the profitability and competitiveness in a production environment with random and bounded setup times. <i>International Journal of Production Research</i> , 2013 , 51, 106-117	7.8	19
33	A branch-and-bound algorithm for three-machine flowshop scheduling problem to minimize total completion time with separate setup times. <i>European Journal of Operational Research</i> , 2006 , 169, 767-780 ^{5,6}	5.6	19
32	Heuristics for no-wait flowshops with makespan subject to mean completion time. <i>Applied Mathematics and Computation</i> , 2012 , 219, 351-359	2.7	17
31	Algorithms for no-wait flowshops with total completion time subject to makespan. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 68, 2237-2251	3.2	17
30	A polynomial time heuristic for the two-machine flowshop scheduling problem with setup times and random processing times. <i>Applied Mathematical Modelling</i> , 2013 , 37, 7164-7173	4.5	15
29	No-wait flowshop scheduling problem to minimize the number of tardy jobs. <i>International Journal of Advanced Manufacturing Technology</i> , 2012 , 61, 311-323	3.2	14
28	Minimizing the bicriteria of makespan and maximum tardiness with an upper bound on maximum tardiness. <i>Computers and Operations Research</i> , 2009 , 36, 1268-1283	4.6	13
27	Two-machine flowshop scheduling problem with bounded processing times to minimize total completion time. <i>Computers and Mathematics With Applications</i> , 2010 , 59, 684-693	2.7	13
26	Two-machine flowshop scheduling problem to minimize total completion time with bounded setup and processing times. <i>International Journal of Production Economics</i> , 2006 , 103, 386-400	9.3	13
25	Algorithms for minimizing the number of tardy jobs for reducing production cost with uncertain processing times. <i>Applied Mathematical Modelling</i> , 2017 , 45, 982-996	4.5	12
24	Heuristics for the two-machine flowshop scheduling problem to minimize maximum lateness with bounded processing times. <i>Computers and Mathematics With Applications</i> , 2010 , 60, 1374-1384	2.7	12
23	Batching deteriorating items with applications in computer communication and reverse logistics. <i>European Journal of Operational Research</i> , 2007 , 182, 1002-1011	5.6	11

22	The Tricriteria Two-Machine Flowshop Scheduling Problem. <i>International Transactions in Operational Research</i> , 2001 , 8, 403-425	2.9	11
21	No-wait flowshop scheduling problem with separate setup times to minimize total tardiness subject to makespan. <i>Applied Mathematics and Computation</i> , 2020 , 365, 124688	2.7	11
20	Stochastically minimizing total flowtime in flowshops with no waiting space. <i>European Journal of Operational Research</i> , 1999 , 113, 101-112	5.6	10
19	No-Wait Flowshops to Minimize Total Tardiness with Setup Times. <i>Intelligent Control and Automation</i> , 2015 , 06, 38-44	0.6	10
18	Two-machine no-wait flowshop scheduling problem with uncertain setup times to minimize maximum lateness. <i>Computational and Applied Mathematics</i> , 2018 , 37, 6774-6794		10
17	Minimising maximum tardiness in assembly flowshops with setup times. <i>International Journal of Production Research</i> , 2017 , 55, 7541-7565	7.8	7
16	Minimizing the number of tardy jobs on a two-stage assembly flowshop. <i>Journal of Industrial and Production Engineering</i> , 2016 , 33, 391-403	1	6
15	Algorithms for four-machine flowshop scheduling problem with uncertain processing times to minimize makespan. <i>RAIRO - Operations Research</i> , 2020 , 54, 529-553	2.2	5
14	The three-machine flowshop scheduling problem to minimise maximum lateness with separate setup times. <i>International Journal of Operational Research</i> , 2007 , 2, 135	0.9	5
13	A branch-and-bound algorithm for the three-machine flowshop scheduling problem with bicriteria of makespan and total flowtime. <i>International Transactions in Operational Research</i> , 2004 , 11, 323-339	2.9	5
12	THREE-MACHINE FLOWSHOP SCHEDULING PROBLEM TO MINIMIZE MAKESPAN WITH BOUNDED SETUP AND PROCESSING TIMES. <i>Journal of the Chinese Institute of Industrial Engineers</i> , 2008 , 25, 52-61		4
11	Using a Hybrid Evolutionary Algorithm to Minimize Variance in Response Time for Multimedia Object Requests. <i>Mathematical Modelling and Algorithms</i> , 2005 , 4, 435-453		4
10	Simulation of different rules in stochastic flowshops. <i>Computers and Industrial Engineering</i> , 1996 , 31, 209-212	6.4	4
9	Continuous improvement in the Industrial and Management Systems Engineering programme at Kuwait University. <i>European Journal of Engineering Education</i> , 2016 , 41, 369-379	1.5	4
8	Improving educational objectives of the Industrial and Management Systems Engineering programme at Kuwait University. <i>European Journal of Engineering Education</i> , 2016 , 41, 252-262	1.5	4
7	Heuristic algorithms for minimizing total completion time in a two-machine flowshop with sequence-independent setup times 2009 ,		1
6	An algorithm for a no-wait flowshop scheduling problem for minimizing total tardiness with a constraint on total completion time. <i>International Journal of Industrial Engineering Computations</i> , 2022 , 13, 43-50	1.7	1
5	A better dominance relation and heuristics for Two-Machine No-Wait Flowshops with Maximum Lateness Performance Measure. <i>Journal of Industrial and Management Optimization</i> , 2021 , 17, 1973	2	1

4	Minimizing total completion time for flowshop scheduling problem with uncertain processing times. <i>RAIRO - Operations Research</i> , 2021 , 55, S929-S946	2.2	1
3	Scheduling Requests on Multi-Stage Multi-Server to Increase Quality of Service. <i>IFIP Advances in Information and Communication Technology</i> , 2003 , 14-25	0.5	
2	Algorithms to minimize total completion time in a two-machine flowshop problem with uncertain set-up times. <i>Engineering Optimization</i> , 2020 , 1-14	2	
1	An Improved Algorithm for Minimizing Makespan on Flowshops with Uncertain Processing Times. <i>Uluslararası Muhendislik Arastirma Ve Gelistirme Dergisi</i> , 2021 , 13, 521-530	0.2	