

Christos Koulamas

List of Publications by Year in descending order

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72
papers

1,184
citations

471061

17
h-index

414034

32
g-index

72
all docs

72
docs citations

72
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	A new constructive heuristic for the flowshop scheduling problem. <i>European Journal of Operational Research</i> , 1998, 105, 66-71.	3.5	123
2	Single-machine scheduling problems with past-sequence-dependent setup times. <i>European Journal of Operational Research</i> , 2008, 187, 1045-1049.	3.5	115
3	The single-machine total tardiness scheduling problem: Review and extensions. <i>European Journal of Operational Research</i> , 2010, 202, 1-7.	3.5	96
4	The three-stage assembly flowshop scheduling problem. <i>Computers and Operations Research</i> , 2001, 28, 689-704.	2.4	84
5	Decomposition and hybrid simulated annealing heuristics for the parallel-machine total tardiness problem. <i>Naval Research Logistics</i> , 1997, 44, 109-125.	1.4	63
6	Flexible flow shop scheduling with uniform parallel machines. <i>European Journal of Operational Research</i> , 2006, 168, 985-997.	3.5	52
7	Review of the ordered and proportionate flow shop scheduling research. <i>Naval Research Logistics</i> , 2013, 60, 46-55.	1.4	50
8	Single-machine scheduling problems with past-sequence-dependent delivery times. <i>International Journal of Production Economics</i> , 2010, 126, 264-266.	5.1	38
9	Business: A Review of Research Published in <i>Production and Operations Management</i> (1992-2008). <i>Production and Operations Management</i> , 2009, 18, 604-620.	2.1	33
10	The no-wait flow shop with rejection. <i>International Journal of Production Research</i> , 2021, 59, 1852-1859.	4.9	23
11	Makespan minimization on uniform parallel machines with release times. <i>European Journal of Operational Research</i> , 2004, 157, 262-266.	3.5	22
12	A note on makespan minimization in two-stage flexible flow shops with uniform machines. <i>European Journal of Operational Research</i> , 2006, 175, 1321-1327.	3.5	21
13	Single machine scheduling with release times, deadlines and tardiness objectives. <i>European Journal of Operational Research</i> , 2001, 133, 447-453.	3.5	20
14	A note on the two-stage assembly flow shop scheduling problem with uniform parallel machines. <i>European Journal of Operational Research</i> , 2007, 182, 945-951.	3.5	20
15	A unified analysis for the single-machine scheduling problem with controllable and non-controllable variable job processing times. <i>European Journal of Operational Research</i> , 2010, 205, 479-482.	3.5	19
16	Asymptotically optimal linear time algorithms for two-stage and three-stage flexible flow shops. <i>Naval Research Logistics</i> , 2000, 47, 259-268.	1.4	18
17	A note on weighted completion time minimization in a flexible flow shop. <i>Operations Research Letters</i> , 2001, 29, 5-11.	0.5	18
18	Algorithms with performance guarantees for flow shops with regular objective functions. <i>IIE Transactions</i> , 2005, 37, 1107-1111.	2.1	18

#	ARTICLE	IF	CITATIONS
19	A modified LPT algorithm for the two uniform parallel machine makespan minimization problem. European Journal of Operational Research, 2009, 196, 61-68.	3.5	17
20	The three-machine proportionate open shop and mixed shop minimum makespan problems. European Journal of Operational Research, 2015, 243, 70-74.	3.5	17
21	Common due date assignment with generalized earliness/tardiness penalties. Computers and Industrial Engineering, 2017, 109, 79-83.	3.4	17
22	Scheduling on uniform parallel machines to minimize maximum lateness. Operations Research Letters, 2000, 26, 175-179.	0.5	15
23	A faster algorithm for a due date assignment problem with tardy jobs. Operations Research Letters, 2010, 38, 127-128.	0.5	15
24	A note on single-machine scheduling with job-dependent learning effects. European Journal of Operational Research, 2010, 207, 1142-1143.	3.5	15
25	A unified solution approach for the due date assignment problem with tardy jobs. International Journal of Production Economics, 2011, 132, 292-295.	5.1	15
26	An $O(n^2)$ algorithm for the variable common due date, minimal tardy jobs bicriteria two-machine flow shop problem with ordered machines. European Journal of Operational Research, 2012, 221, 7-13.	3.5	15
27	The two-machine no-wait general and proportionate open shop makespan problem. European Journal of Operational Research, 2014, 238, 471-475.	3.5	15
28	The proportionate two-machine no-wait job shop scheduling problem. European Journal of Operational Research, 2016, 252, 131-135.	3.5	14
29	New index priority rules for no-wait flow shops. Computers and Industrial Engineering, 2018, 115, 647-652.	3.4	14
30	An improved delayed-start LPT algorithm for a partition problem on two identical parallel machines. European Journal of Operational Research, 2008, 187, 660-666.	3.5	11
31	On equivalence between the proportionate flow shop and single-machine scheduling problems. Naval Research Logistics, 2015, 62, 595-603.	1.4	11
32	Proportionate flow shop: New complexity results and models with due date assignment. Naval Research Logistics, 2015, 62, 98-106.	1.4	10
33	On the dominance of permutation schedules for some ordered and proportionate flow shop problems. Computers and Industrial Engineering, 2017, 107, 105-108.	3.4	10
34	Performance guarantees for flowshop heuristics to minimize makespan. European Journal of Operational Research, 2006, 169, 865-872.	3.5	8
35	A constraint generation approach for two-machine shop problems with jobs selection. European Journal of Operational Research, 2017, 259, 898-905.	3.5	8
36	Assembly-Line Scheduling with Concurrent Operations and Parallel Machines. INFORMS Journal on Computing, 2002, 14, 68-80.	1.0	7

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37	A faster fully polynomial approximation scheme for the single-machine total tardiness problem. European Journal of Operational Research, 2009, 193, 637-638.	3.5	7
38	On the equivalence of single machine earliness/tardiness problems with job rejection. Computers and Industrial Engineering, 2015, 87, 1-3.	3.4	7
39	The two-stage no-wait/blocking proportionate super shop scheduling problem. International Journal of Production Research, 2019, 57, 2956-2965.	4.9	7
40	The proportionate flow shop total tardiness problem. European Journal of Operational Research, 2020, 284, 439-444.	3.5	7
41	Assembly Systems with Sequential Supplier Decisions and Uncertain Demand. Production and Operations Management, 2016, 25, 1404-1414.	2.1	6
42	New results for single-machine scheduling with past-sequence-dependent setup times and due date-related objectives. European Journal of Operational Research, 2019, 278, 149-159.	3.5	6
43	New results for scheduling to minimize tardiness on one machine with rejection and related problems. Journal of Scheduling, 2021, 24, 27-34.	1.3	6
44	A classification of dynamic programming formulations for offline deterministic single-machine scheduling problems. European Journal of Operational Research, 2023, 305, 999-1017.	3.5	6
45	Open shop scheduling to minimize the number of late jobs. Naval Research Logistics, 1998, 45, 525-532.	1.4	5
46	A note on performance guarantees for sequencing three-stage flexible flowshops with identical machines to minimize makespan. IIE Transactions, 2007, 39, 559-563.	2.1	5
47	New results for minimising variation of flow time in two-machine proportionate no-wait flow shops. International Journal of Production Research, 2021, 59, 2789-2799.	4.9	5
48	Flow shop scheduling with two distinct job due dates. Computers and Industrial Engineering, 2022, 163, 107835.	3.4	5
49	A total tardiness problem with preprocessing included. Naval Research Logistics, 1996, 43, 721-735.	1.4	4
50	On index priority sequencing rules for scheduling with time-dependent job processing times. Operations Research Letters, 2013, 41, 445-448.	0.5	4
51	Job selection in two-stage shops with ordered machines. Computers and Industrial Engineering, 2015, 88, 350-353.	3.4	4
52	Analysis of flow shop scheduling anomalies. European Journal of Operational Research, 2020, 280, 25-33.	3.5	4
53	Two-stage no-wait proportionate flow shop scheduling with minimal service time variation and optional job rejection. European Journal of Operational Research, 2023, 305, 608-616.	3.5	4
54	Optimal Machining Speed and Tool Inventory Policies in Machining Economic Systems. IIE Transactions, 1996, 28, 601-602.	2.1	3

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55	The evolution of schematic representations of flow shop scheduling problems. <i>Journal of Scheduling</i> , 2019, 22, 379-391.	1.3	3
56	Three-stage ordered flow shops with either synchronous flow, blocking or no-idle machines. <i>Journal of Scheduling</i> , 2020, 23, 145-154.	1.3	3
57	A NOTE ON INCORPORATING TOOL LIFE VARIABILITY IN THE GEOMETRIC PROGRAMMING FORMULATION OF MACHINING ECONOMICS PROBLEMS. <i>IIE Transactions</i> , 1994, 26, 87-90.	2.1	2
58	A heuristic for maximizing the number of on-time jobs on two uniform parallel machines. <i>Naval Research Logistics</i> , 2006, 53, 568-575.	1.4	2
59	A note on the optimality of index priority rules for search and sequencing problems. <i>Naval Research Logistics</i> , 2011, 58, 83-87.	1.4	2
60	A note on combined job selection and sequencing problems. <i>Naval Research Logistics</i> , 2013, 60, 449-453.	1.4	2
61	A note on the scheduling problem with revised delivery times and job-dependent tardiness penalties. <i>IIE Transactions</i> , 2014, 46, 619-622.	2.1	2
62	Competition in two-tier serial and assembly supply chains with general consumer utility functions. <i>International Journal of Production Research</i> , 2018, 56, 5854-5865.	4.9	2
63	A note on scheduling flowshops with flexible stage ordering. <i>European Journal of Operational Research</i> , 2001, 129, 224-229.	3.5	1
64	The three-stage ordered flow shop problem with flexible stage ordering. <i>Computers and Industrial Engineering</i> , 2013, 64, 1093-1095.	3.4	1
65	Scheduling research and the first decade of <i><i>NRLQ</i></i> : A historical perspective. <i>Naval Research Logistics</i> , 2015, 62, 335-344.	1.4	1
66	A Constraint Generation Approach for the Two-Machine Flow Shop Problem with Jobs Selection. <i>Lecture Notes in Computer Science</i> , 2014, , 198-207.	1.0	1
67	A note on finite replenishment inventory systems with continuous deterministic demand. <i>International Journal of Systems Science</i> , 1996, 27, 329-332.	3.7	0
68	A correction to "Single machine scheduling with release times, deadlines and tardiness objectives" [EJOR 133 (2001) 447-453]. <i>European Journal of Operational Research</i> , 2005, 160, 574-575.	3.5	0
69	A note on the classification of consumer demand functions with respect to retailer pass-through rates. <i>European Journal of Operational Research</i> , 2011, 211, 213-215.	3.5	0
70	A note on the complexity of scheduling problems with linear job deterioration. <i>Journal of Global Optimization</i> , 2015, 62, 409-410.	1.1	0
71	New structural properties of supply chains with price-only contracts. <i>Operations Research Letters</i> , 2016, 44, 831-834.	0.5	0
72	Minimizing the number of tardy jobs in two-machine settings with common due date. <i>Journal of Combinatorial Optimization</i> , 2017, 34, 133-140.	0.8	0