Dehua Xu

List of Publications by Year
in descending order

52 papers	897 citations	567281 15 h-index	477307 29 g-index
55 all docs	55 docs citations	55 times ranked	443 citing authors

#	Article	IF	Citations
1	Scheduling with day shifts and breaks. International Transactions in Operational Research, 2021, 28, 598-614.	2.7	0
2	A note on scheduling on uniform parallel machines with unavailability constraints. International Journal of Production Research, 2021, 59, 5083-5086.	7.5	0
3	Scheduling an automatic IoT manufacturing system with multiple servers. Computers and Industrial Engineering, 2021, 157, 107343.	6.3	3
4	Single Machine Scheduling Problem with a Flexible Maintenance Revisited. Lecture Notes in Computer Science, 2020, , 74-82.	1.3	0
5	Single-machine scheduling with workload-dependent tool change durations and equal processing time jobs to minimize total completion time. Journal of Scheduling, 2018, 21, 461-482.	1.9	13
6	Mixed Integer Programming Formulations for Two-Machine Flow Shop Scheduling with an Availability Constraint. Arabian Journal for Science and Engineering, 2018, 43, 777-788.	3.0	12
7	Single machine due window assignment scheduling problem with precedence constraints and fuzzy processing times. Journal of Intelligent and Fuzzy Systems, 2018, 34, 4301-4314.	1.4	3
8	Parallel-machine scheduling with machine-dependent maintenance periodic recycles. International Journal of Production Economics, 2017, 186, 1-7.	8.9	38
9	Scheduling two parallel machines with machine-dependent availabilities. Computers and Operations Research, 2016, 72, 31-42.	4.0	17
10	Recent Advances in Combinatorial Optimization. Scientific World Journal, The, 2015, 2015, 1-1.	2.1	0
11	Single-Machine Scheduling with Workload-Dependent Maintenance Duration to Minimize Maximum Lateness. Mathematical Problems in Engineering, 2015, 2015, 1-5.	1.1	3
12	Single-machine scheduling with preemptive jobs and workload-dependent maintenance durations. Operational Research, 2015, 15, 423-436.	2.0	6
13	Single machine total completion time scheduling problem with workload-dependent maintenance duration. Omega, 2015, 52, 101-106.	5.9	38
14	Best Possible Approximation Algorithms for Single Machine Scheduling with Increasing Linear Maintenance Durations. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	1
15	Mathematical Programming Models for Competitive Two-Agent Single-Machine Scheduling with Flexible Periodic Maintenance Activities. Arabian Journal for Science and Engineering, 2014, 39, 3715-3722.	1.1	8
16	Makespan minimization for two parallel machines scheduling with a periodic availability constraint: Mathematical programming model, average-case analysis, and anomalies. Applied Mathematical Modelling, 2013, 37, 7561-7567.	4.2	26
17	Single machine scheduling problem with two synergetic agents and piece-rate maintenance. Applied Mathematical Modelling, 2013, 37, 1390-1399.	4.2	15
18	Scheduling tool changes and special jobs on a single machine to minimize makespan. Omega, 2013, 41, 299-304.	5.9	28

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19	A generalisation model of learning and deteriorating effects on a single-machine scheduling with past-sequence-dependent setup times. International Journal of Computer Integrated Manufacturing, 2012, 25, 804-813.	4.6	15
20	Minimizing total flow time in the single-machine scheduling problem with periodic maintenance. Journal of the Operational Research Society, 2012, 63, 567-567.	3.4	3
21	Common due date assignment and scheduling with a rate-modifying activity to minimize the due date, earliness, tardiness, holding, and batch delivery cost. Computers and Industrial Engineering, 2012, 63, 223-234.	6.3	59
22	Notes on "Scheduling problems with general effects of deterioration and learning" Information Sciences, 2012, 195, 296-297.	6.9	4
23	Setting due dates to minimize the total weighted possibilistic mean value of the weighted earliness–tardiness costs on a single machine. Computers and Mathematics With Applications, 2011, 62, 4126-4139.	2.7	12
24	Comments on "A bicriteria parallel machine scheduling with a learning effect" International Journal of Advanced Manufacturing Technology, 2011, 54, 267-269.	3.0	0
25	On single-machine scheduling with flexible maintenance activities. International Journal of Advanced Manufacturing Technology, 2011, 56, 1139-1145.	3.0	11
26	Comments on "Deteriorating jobs and learning effects on a single-machine scheduling with past-sequence-dependent setup times" International Journal of Advanced Manufacturing Technology, 2011, 56, 1147-1148.	3.0	4
27	Notes on "Single-machine scheduling with past-sequence-dependent setup times and effects of deterioration and learning" International Journal of Advanced Manufacturing Technology, 2011, 57, 341-342.	3.0	1
28	Comments on "A bicriteria flowshop scheduling problem with setup times" Applied Mathematics and Computation, 2011, 217, 7361-7364.	2.2	1
29	Comments on "A bicriteria parallel machine scheduling with a learning effect of setup and removal times" Applied Mathematical Modelling, 2011, 35, 3648-3650.	4.2	3
30	A note on "Human and Machine Effects in a Just‐in‐Time Scheduling Problem"[Eren, T. (2009). Human Factors and Ergonomics in Manufacturing, 19(4), 294–299]. Human Factors and Ergonomics in Manufacturing, 2011, 21, 207-208.	2.7	0
31	Notes on "some single-machine scheduling problems with general position-dependent and time-dependent learning effects" Information Sciences, 2011, 181, 2209-2217.	6.9	25
32	Some single-machine scheduling problems with general effects of learning and deterioration. Computers and Mathematics With Applications, 2011, 61, 100-108.	2.7	44
33	Notes on "A bicriteria flowshop scheduling with a learning effect" Applied Mathematical Modelling, 2011, 35, 3644-3647.	4.2	0
34	Comments on "A bicriteria m-machine flowshop scheduling with sequence-dependent setup times" Applied Mathematical Modelling, 2011, 35, 3639-3643.	4.2	1
35	Erratum to "Single machine past-sequence-dependent setup times scheduling with general position-dependent and time-dependent learning effects"[Appl. Math. Modell. 35 (2011) 1388–1395]. Applied Mathematical Modelling, 2011, 35, 5936-5938.	4.2	2
36	Notes on "The common due-date early/tardy scheduling problem on a parallel machine under the effects of time-dependent learning and linear and nonlinear deterioration" Expert Systems With Applications, 2011, 38, 9030-9031.	7.6	2

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37	Notes on "Single machine scheduling problems under the effects of nonlinear deterioration and time-dependent learning" Mathematical and Computer Modelling, 2011, 54, 846-848.	2.0	1
38	Some single-machine scheduling problems with past-sequence-dependent setup times and a general learning effect. International Journal of Advanced Manufacturing Technology, 2010, 48, 1123-1132.	3.0	40
39	Notes on "minimizing the earliness/tardiness costs on parallel machine with learning effects and deteriorating jobs: a mixed nonlinear integer programming approach" International Journal of Advanced Manufacturing Technology, 2010, 50, 789-792.	3.0	1
40	Notes on "single-machine scheduling with a time-dependent deterioration" International Journal of Advanced Manufacturing Technology, 2010, 50, 809-810.	3.0	1
41	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>L</mml:mi></mml:math>-fuzzy hypermodules. Computers and Mathematics With Applications, 2010, 59, 953-963.	2.7	13
42	Scheduling jobs under increasing linear machine maintenance time. Journal of Scheduling, 2010, 13, 443-449.	1.9	42
43	Single-machine scheduling with a general sum-of-actual-processing-times-based and job-position-based learning effect. Applied Mathematical Modelling, 2010, 34, 3623-3630.	4.2	45
44	Comments on "A note on minimizing maximum lateness in an m-machine scheduling problem with a learning effect" Applied Mathematics and Computation, 2010, 217, 939-943.	2.2	8
45	Single machine due date assignment scheduling problem with customer service level in fuzzy environment. Applied Soft Computing Journal, 2010, 10, 849-858.	7.2	14
46	Some single-machine scheduling problems with aging effect. , 2010, , .		2
47	Makespan Minimization for Two Parallel Machines Scheduling with a Periodic Availability Constraint: The Preemptive Offline Version. , 2010, , .		1
48	Makespan minimization for two parallel machines scheduling with a periodic availability constraint. Computers and Operations Research, 2009, 36, 1809-1812.	4.0	46
49	A note on "scheduling of nonresumable jobs and flexible maintenance activities on a single machine to minimize makespan" European Journal of Operational Research, 2009, 197, 825-827.	5.7	35
50	Some scheduling problems with general position-dependent and time-dependent learning effects. Information Sciences, 2009, 179, 2416-2425.	6.9	172
51	Parallel machine scheduling with almost periodic maintenance and non-preemptive jobs to minimize makespan. Computers and Operations Research, 2008, 35, 1344-1349.	4.0	77
52	Short-term scheduling with machine calibration. International Transactions in Operational Research, 0, , .	2.7	0