

Meral Azizoglu

List of Publications by Year in descending order

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56
papers

1,377
citations

304743
22
h-index

361022
35
g-index

56
all docs

56
docs citations

56
times ranked

903
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective integer programming: A general approach for generating all non-dominated solutions. European Journal of Operational Research, 2009, 199, 25-35.	5.7	98
2	Tardiness minimization on parallel machines. International Journal of Production Economics, 1998, 55, 163-168.	8.9	92
3	Scheduling a batch processing machine with incompatible job families. Computers and Industrial Engineering, 2001, 39, 325-335.	6.3	83
4	A disassembly line balancing problem with fixed number of workstations. European Journal of Operational Research, 2016, 249, 592-604.	5.7	61
5	On the minimization of total weighted flow time with identical and uniform parallel machines. European Journal of Operational Research, 1999, 113, 91-100.	5.7	56
6	A branch and bound method for the line balancing problem in U-shaped assembly lines with equipment requirements. Journal of Manufacturing Systems, 2015, 36, 46-54.	13.9	56
7	A flexible flowshop problem with total flow time minimization. European Journal of Operational Research, 2001, 132, 528-538.	5.7	52
8	Scheduling a batch processing machine with non-identical job sizes. International Journal of Production Research, 2000, 38, 2173-2184.	7.5	50
9	Workload smoothing in simple assembly line balancing. Computers and Operations Research, 2018, 89, 51-57.	4.0	49
10	Rescheduling of identical parallel machines under machine eligibility constraints. European Journal of Operational Research, 2003, 149, 523-532.	5.7	47
11	Dynamic programming algorithms for scheduling parallel machines with family setup times. Computers and Operations Research, 2001, 28, 127-137.	4.0	46
12	Single machine scheduling with preventive maintenances. International Journal of Production Research, 2009, 47, 1753-1771.	7.5	46
13	Assembly line balancing with station paralleling. Computers and Industrial Engineering, 2009, 57, 1218-1225.	6.3	45
14	Two-machine flow shop scheduling with two criteria: Maximum earliness and makespan. European Journal of Operational Research, 2004, 157, 286-295.	5.7	43
15	Bicriteria scheduling problem involving total tardiness and total earliness penalties. International Journal of Production Economics, 1991, 23, 17-24.	8.9	40
16	Scheduling jobs on unrelated parallel machines to minimize regular total cost functions. IIE Transactions, 1999, 31, 153-159.	2.1	40
17	Rebalancing the assembly lines: exact solution approaches. International Journal of Production Research, 2017, 55, 5991-6010.	7.5	31
18	Scheduling job families about an unrestricted common due date on a single machine. International Journal of Production Research, 1997, 35, 1321-1330.	7.5	28

#	ARTICLE	IF	CITATIONS
19	Parallel-machine rescheduling with machine disruptions. IIE Transactions, 2005, 37, 1113-1118.	2.1	27
20	Single machine scheduling with maximum earliness and number tardy. Computers and Industrial Engineering, 2003, 45, 257-268.	6.3	24
21	Flexible assembly line design problem with fixed number of workstations. International Journal of Production Research, 2011, 49, 3691-3714.	7.5	24
22	Minimizing flowtime and maximum earliness on a single machine. IIE Transactions, 1998, 30, 192-200.	2.1	23
23	Minimizing the number of tool switching instants in Flexible Manufacturing Systems. International Journal of Production Economics, 2008, 116, 298-307.	8.9	23
24	Generating all efficient solutions of a rescheduling problem on unrelated parallel machines. International Journal of Production Research, 2009, 47, 5245-5270.	7.5	22
25	Exact and heuristic solution approaches for the airport gate assignment problem. Omega, 2021, 103, 102422.	5.9	22
26	An efficient algorithm for the single machine tardiness problem. International Journal of Production Economics, 1994, 36, 213-219.	8.9	21
27	Scheduling parallel machines to minimize weighted flowtime with family set-up times. International Journal of Production Research, 2003, 41, 1199-1215.	7.5	21
28	The multi-resource agent bottleneck generalised assignment problem. International Journal of Production Research, 2012, 50, 309-324.	7.5	21
29	Note: Bicriteria scheduling for minimizing flow time and maximum tardiness. Naval Research Logistics, 1996, 43, 929-936.	2.2	13
30	Scheduling about an unrestricted common due window with arbitrary earliness/tardiness penalty rates. IIE Transactions, 1997, 29, 1001-1006.	2.1	13
31	Operational fixed interval scheduling problem on uniform parallel machines. International Journal of Production Economics, 2008, 112, 756-768.	8.9	13
32	The tool transporter movements problem in flexible manufacturing systems. International Journal of Production Research, 2008, 46, 3059-3084.	7.5	11
33	Operation assignment and capacity allocation problem in automated manufacturing systems. Computers and Industrial Engineering, 2009, 56, 662-676.	6.3	11
34	Heuristics for operational fixed job scheduling problems with working and spread time constraints. International Journal of Production Economics, 2011, 132, 107-121.	8.9	11
35	Bounding approaches for operation assignment and capacity allocation problem in flexible manufacturing systems. Computers and Operations Research, 2009, 36, 2531-2540.	4.0	10
36	Bicriteria multiresource generalized assignment problem. Naval Research Logistics, 2014, 61, 621-636.	2.2	9

#	ARTICLE	IF	CITATIONS
37	Rebalancing the assembly lines with total squared workload and total replacement distance objectives. International Journal of Production Research, 2021, 59, 6702-6720.	7.5	9
38	A stochastic programming approach for the disassembly line balancing with hazardous task failures. International Journal of Production Research, 2022, 60, 3237-3262.	7.5	9
39	Preemptive scheduling on identical parallel machines subject to deadlines. European Journal of Operational Research, 2003, 148, 205-210.	5.7	8
40	An exact algorithm for the minimum squared load assignment problem. Computers and Operations Research, 2019, 106, 76-90.	4.0	8
41	Optimising a nonlinear utility function in multi-objective integer programming. Journal of Global Optimization, 2013, 56, 93-102.	1.8	7
42	LP relaxation-based solution algorithms for the multi-mode project scheduling with a non-renewable resource. European Journal of Industrial Engineering, 2015, 9, 450.	0.8	7
43	Minimizing total flow time on a single flexible machine. Flexible Services and Manufacturing Journal, 2006, 18, 55-73.	0.4	6
44	Working time constraints in operational fixed job scheduling. International Journal of Production Research, 2010, 48, 6211-6233.	7.5	6
45	A resource investment problem with time/resource trade-offs. Journal of the Operational Research Society, 2014, 65, 777-790.	3.4	6
46	Beam search algorithm for capacity allocation problem in flexible manufacturing systems. Computers and Industrial Engineering, 2009, 56, 1464-1473.	6.3	5
47	A Branch and Bound Algorithm for a Multi-Mode Project Scheduling Problem With a Single Non-Renewable Resource. International Journal of Information Technology Project Management, 2020, 11, 1-14.	0.5	5
48	Capacity allocation problem in flexible manufacturing systems: branch and bound based approaches. International Journal of Production Research, 2009, 47, 5941-5958.	7.5	4
49	Solution approaches to the blood distribution problem of the Turkish Red Crescent. European Journal of Industrial Engineering, 2018, 12, 405.	0.8	4
50	Minimizing flowtime and maximum earliness on a single machine. IIE Transactions, 1998, 30, 192-200.	2.1	3
51	A blood distribution problem with new transportation options - an application for the Turkish Red Crescent. European Journal of Industrial Engineering, 2019, 13, 332.	0.8	3
52	A Resource Constrained Project Scheduling Problem With Multi-Modes. International Journal of Information Technology Project Management, 2020, 11, 55-70.	0.5	3
53	Scheduling jobs on unrelated parallel machines to minimize regular total cost functions. IIE Transactions, 1999, 31, 153-159.	2.1	1
54	Assessment of criteria – rich rankings for environmental policy making. International Journal of Multicriteria Decision Making, 2011, 1, 280.	0.2	1

#	ARTICLE	IF	CITATIONS
55	Scheduling to Minimize Maximum Earliness and Number of Tardy Jobs Where Machine Idle Time is Allowed. Lecture Notes in Economics and Mathematical Systems, 2000, , 381-387.	0.3	0
56	Scheduling with Multiple Criteria. , 1994, , 361-368.		0