Meral Azizoglu

List of Publications by Year
in descending order

56 papers	1,377 citations	304701 22 h-index	361001 35 g-index
56 all docs	56 docs citations	56 times ranked	903 citing authors

#	Article	IF	Citations
1	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
2	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
3	Exact and heuristic solution approaches for the airport gate assignment problem. Omega, 2021, 103, 102422.	5.9	22
4	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
5	A Resource Constrained Project Scheduling Problem With Multi-Modes. International Journal of Information Technology Project Management, 2020, 11, 55-70.	0.5	3
6	An exact algorithm for the minimum squared load assignment problem. Computers and Operations Research, 2019, 106, 76-90.	4.0	8
7	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
8	Workload smoothing in simple assembly line balancing. Computers and Operations Research, 2018, 89, 51-57.	4.0	49
9	Solution approaches to the blood distribution problem of the Turkish Red Crescent. European Journal of Industrial Engineering, 2018, 12, 405.	0.8	4
10	Rebalancing the assembly lines: exact solution approaches. International Journal of Production Research, 2017, 55, 5991-6010.	7.5	31
11	A disassembly line balancing problem with fixed number of workstations. European Journal of Operational Research, 2016, 249, 592-604.	5.7	61
12	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
13	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
14	Bicriteria multiresource generalized assignment problem. Naval Research Logistics, 2014, 61, 621-636.	2.2	9
15	A resource investment problem with time/resource trade-offs. Journal of the Operational Research Society, 2014, 65, 777-790.	3.4	6
16	Optimising a nonlinear utility function in multi-objective integer programming. Journal of Global Optimization, 2013, 56, 93-102.	1.8	7
17	The multi-resource agent bottleneck generalised assignment problem. International Journal of Production Research, 2012, 50, 309-324.	7.5	21
18	Assessment of criteria – rich rankings for environmental policy making. International Journal of Multicriteria Decision Making, 2011, 1, 280.	0.2	1

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19	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
20	Flexible assembly line design problem with fixed number of workstations. International Journal of Production Research, 2011, 49, 3691-3714.	7.5	24
21	Working time constraints in operational fixed job scheduling. International Journal of Production Research, 2010, 48, 6211-6233.	7.5	6
22	Single machine scheduling with preventive maintenances. International Journal of Production Research, 2009, 47, 1753-1771.	7.5	46
23	Operation assignment and capacity allocation problem in automated manufacturing systems. Computers and Industrial Engineering, 2009, 56, 662-676.	6.3	11
24	Beam search algorithm for capacity allocation problem in flexible manufacturing systems. Computers and Industrial Engineering, 2009, 56, 1464-1473.	6.3	5
25	Assembly line balancing with station paralleling. Computers and Industrial Engineering, 2009, 57, 1218-1225.	6.3	45
26	Bounding approaches for operation assignment and capacity allocation problem in flexible manufacturing systems. Computers and Operations Research, 2009, 36, 2531-2540.	4.0	10
27	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
28	Generating all efficient solutions of a rescheduling problem on unrelated parallel machines. International Journal of Production Research, 2009, 47, 5245-5270.	7.5	22
29	Capacity allocation problem in flexible manufacturing systems: branch and bound based approaches. International Journal of Production Research, 2009, 47, 5941-5958.	7.5	4
30	Operational fixed interval scheduling problem on uniform parallel machines. International Journal of Production Economics, 2008, 112, 756-768.	8.9	13
31	Minimizing the number of tool switching instants in Flexible Manufacturing Systems. International Journal of Production Economics, 2008, 116, 298-307.	8.9	23
32	The tool transporter movements problem in flexible manufacturing systems. International Journal of Production Research, 2008, 46, 3059-3084.	7.5	11
33	Minimizing total flow time on a single flexible machine. Flexible Services and Manufacturing Journal, 2006, 18, 55-73.	0.4	6
34	Parallel-machine rescheduling with machine disruptions. IIE Transactions, 2005, 37, 1113-1118.	2.1	27
35	Two-machine flow shop scheduling with two criteria: Maximum earliness and makespan. European Journal of Operational Research, 2004, 157, 286-295.	5.7	43
36	Single machine scheduling with maximum earliness and number tardy. Computers and Industrial Engineering, 2003, 45, 257-268.	6.3	24

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37	Preemptive scheduling on identical parallel machines subject to deadlines. European Journal of Operational Research, 2003, 148, 205-210.	5.7	8
38	Rescheduling of identical parallel machines under machine eligibility constraints. European Journal of Operational Research, 2003, 149, 523-532.	5.7	47
39	Scheduling parallel machines to minimize weighted flowtime with family set-up times. International Journal of Production Research, 2003, 41, 1199-1215.	7.5	21
40	Scheduling a batch processing machine with incompatible job families. Computers and Industrial Engineering, 2001, 39, 325-335.	6.3	83
41	Dynamic programming algorithms for scheduling parallel machines with family setup times. Computers and Operations Research, 2001, 28, 127-137.	4.0	46
42	A flexible flowshop problem with total flow time minimization. European Journal of Operational Research, 2001, 132, 528-538.	5.7	52
43	Scheduling a batch processing machine with non-identical job sizes. International Journal of Production Research, 2000, 38, 2173-2184.	7.5	50
44	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
45	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
46	Scheduling jobs on unrelated parallel machines to minimize regular total cost functions. IIE Transactions, 1999, 31, 153-159.	2.1	1
47	Scheduling jobs on unrelated parallel machines to minimize regular total cost functions. IIE Transactions, 1999, 31, 153-159.	2.1	40
48	Minimizing flowtime and maximum earliness on a single machine. IIE Transactions, 1998, 30, 192-200.	2.1	3
49	Tardiness minimization on parallel machines. International Journal of Production Economics, 1998, 55, 163-168.	8.9	92
50	Minimizing flowtime and maximum earliness on a single machine. IIE Transactions, 1998, 30, 192-200.	2.1	23
51	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
52	Scheduling about an unrestricted common due window with arbitrary earliness/tardiness penalty rates. IIE Transactions, 1997, 29, 1001-1006.	2.1	13
53	Note: Bicriteria scheduling for minimizing flow time and maximum tardiness. Naval Research Logistics, 1996, 43, 929-936.	2.2	13
54	An efficient algorithm for the single machine tardiness problem. International Journal of Production Economics, 1994, 36, 213-219.	8.9	21

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55	Scheduling with Multiple Criteria. , 1994, , 361-368.		0
56	Bicriteria scheduling problem involving total tardiness and total earliness penalties. International Journal of Production Economics, 1991, 23, 17-24.	8.9	40