

Maghsud Solimanpur

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,693
citations

279798
23
h-index

289244
40
g-index

46
all docs

46
docs citations

46
times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	Supplier selection and order allocation using two-stage hybrid supply chain model and game-based order price. Operational Research, 2021, 21, 553-588.	2.0	24
2	Inverse Dynamic Data Envelopment Analysis for Evaluating Faculties of University with Quasi-Fixed Inputs. Social Indicators Research, 2020, 148, 323-347.	2.7	6
3	Multi-objective multi-model assembly line balancing problem: a quantitative study in engine manufacturing industry. Opsearch, 2019, 56, 603-627.	1.8	8
4	Optimization of Biomass-to-Bioenergy Logistics Network Design Problem: A Case Study. International Journal of Chemical Reactor Engineering, 2018, 16, .	1.1	1
5	Joint server selection and replica placement in urban content delivery networks. International Journal of Operational Research, 2016, 25, 288.	0.2	4
6	Optimum route selection in hole-making operations using a dynamic programming-based method. Cogent Engineering, 2016, 3, 1201991.	2.2	2
7	An integrated supply chain configuration model and procurement management under uncertainty: A set-based robust optimization methodology. Applied Mathematical Modelling, 2016, 40, 7928-7947.	4.2	49
8	Solving multi-objective portfolio optimization problem using invasive weed optimization. Swarm and Evolutionary Computation, 2016, 28, 42-57.	8.1	76
9	A Multi-objective Fuzzy Goal Programming P-hub Location and Protection Model with Back-up Hubs Considering Hubs Establishment Fixed Costs. Scientia Iranica, 2016, 23, 1941-1951.	0.4	2
10	A novel approach for optimization in a fuzzy finite capacity queuing model with system cost and expected degree of customer satisfaction. Decision Science Letters, 2015, 4, 487-496.	1.2	5
11	Prediction and reduction of diesel engine emissions using a combined ANN&ACO method. Applied Soft Computing Journal, 2015, 34, 139-150.	7.2	57
12	A multi-objective genetic algorithm for solving cell formation problem using a fuzzy goal programming approach. International Journal of Advanced Manufacturing Technology, 2014, 70, 1635-1652.	3.0	15
13	Scaling on the Spectral Gradient Method. Journal of Optimization Theory and Applications, 2013, 158, 626-635.	1.5	18
14	A tabu search approach for cell scheduling problem with makespan criterion. International Journal of Production Economics, 2013, 141, 639-645.	8.9	45
15	A segmentation approach for file broadcast scheduling. Journal of Parallel and Distributed Computing, 2013, 73, 1375-1388.	4.1	0
16	Using the Taguchi method to optimize the differential evolution algorithm parameters for minimizing the workload smoothness index in simple assembly line balancing. Mathematical and Computer Modelling, 2013, 57, 137-151.	2.0	59
17	Optimum process plan selection via branch-and-bound algorithm in an automated manufacturing environment. International Journal of Operational Research, 2012, 13, 281.	0.2	9
18	Minimising tool switching and indexing times by ant colony optimisation in automatic machining centres. International Journal of Operational Research, 2012, 13, 465.	0.2	8

#	ARTICLE	IF	CITATIONS
19	Offline and online broadcast scheduling algorithms for file broadcast in mobile WiMAX. , 2012, , .		0
20	Intelligent decision support system for the adaptive control of a flexible manufacturing system with machine and tool flexibility. International Journal of Production Research, 2012, 50, 3288-3314.	7.5	9
21	Modelling of multi-period multi-product production planning considering production routes. International Journal of Production Research, 2012, 50, 1749-1766.	7.5	2
22	Optimum loading of machines in a flexible manufacturing system using a mixed-integer linear mathematical programming model and genetic algorithm. Computers and Industrial Engineering, 2012, 62, 469-478.	6.3	38
23	A new mathematical model for integrating all incidence matrices in multi-dimensional cellular manufacturing system. Journal of Manufacturing Systems, 2012, 31, 214-223.	13.9	52
24	A new approach to the cell formation problem with alternative processing routes and operation sequence. International Journal of Production Research, 2011, 49, 5833-5849.	7.5	26
25	A tabu search approach for group scheduling in buffer-constrained flow shop cells. International Journal of Computer Integrated Manufacturing, 2011, 24, 257-268.	4.6	27
26	Multi-objective cell formation and production planning in dynamic virtual cellular manufacturing systems. International Journal of Production Research, 2011, 49, 6517-6537.	7.5	56
27	Developing a mathematical model for cell formation in cellular manufacturing systems. International Journal of Operational Research, 2011, 11, 408.	0.2	12
28	A nondominated ranked genetic algorithm for bi-objective single machine preemptive scheduling in just-in-time environment. International Journal of Advanced Manufacturing Technology, 2011, 55, 1135-1147.	3.0	10
29	A simulated annealing algorithm for the job shop cell scheduling problem with intercellular moves and reentrant parts. Computers and Industrial Engineering, 2011, 61, 171-178.	6.3	83
30	A new heuristic for rectangular stock-cutting problem. International Journal of Operational Research, 2011, 12, 390.	0.2	1
31	Solving cell formation problem in cellular manufacturing using ant-colony-based optimization. International Journal of Advanced Manufacturing Technology, 2010, 50, 1135-1144.	3.0	34
32	Development of a simulation-based decision support system for controlling stochastic flexible job shop manufacturing systems. Simulation Modelling Practice and Theory, 2010, 18, 768-786.	3.8	64
33	Solving facilities location problem in the presence of alternative processing routes using a genetic algorithm. Computers and Industrial Engineering, 2010, 59, 830-839.	6.3	23
34	Applying simulated annealing for designing cellular manufacturing systems using MDmTSP. Computers and Industrial Engineering, 2010, 59, 929-936.	6.3	49
35	Designing a mathematical model for dynamic cellular manufacturing systems considering production planning and worker assignment. Computers and Mathematics With Applications, 2010, 60, 1014-1025.	2.7	127
36	Lot size approximation based on minimising total delay in a shop with multi-assembly products. International Journal of Production Research, 2009, 47, 2685-2703.	7.5	5

#	ARTICLE	IF	CITATIONS
37	Genetic algorithm approach for solving a cell formation problem in cellular manufacturing. Expert Systems With Applications, 2009, 36, 6598-6604.	7.6	109
38	Optimisation of cutting parameters using a multi-objective genetic algorithm. International Journal of Production Research, 2009, 47, 6019-6036.	7.5	32
39	Production planning and cell formation in dynamic virtual cellular manufacturing systems with worker flexibility. , 2009, , .		6
40	Optimal solution for the two-dimensional facility layout problem using a branch-and-bound algorithm. Computers and Industrial Engineering, 2008, 55, 606-619.	6.3	57
41	An ant algorithm for optimization of hole-making operations. Computers and Industrial Engineering, 2007, 52, 308-319.	6.3	60
42	An ant algorithm for the single row layout problem in flexible manufacturing systems. Computers and Operations Research, 2005, 32, 583-598.	4.0	147
43	Feasibility and robustness of transiently chaotic neural networks applied to the cell formation problem. International Journal of Production Research, 2004, 42, 1065-1082.	7.5	10
44	Ant colony optimization algorithm to the inter-cell layout problem in cellular manufacturing. European Journal of Operational Research, 2004, 157, 592-606.	5.7	145
45	A neuro-tabu search heuristic for the flow shop scheduling problem. Computers and Operations Research, 2004, 31, 2151-2164.	4.0	43
46	A multi-objective genetic algorithm approach to the design of cellular manufacturing systems. International Journal of Production Research, 2004, 42, 1419-1441.	7.5	78