

NIMA SAFAEI

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

865
citations

759233

12
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

745
citing authors

#	ARTICLE	IF	CITATIONS
1	Premature Aircraft Maintenance: A Matter of Cost or Risk?. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1064-1074.	9.3	2
2	Robust Maintenance Scheduling of Aircraft Fleet: A Hybrid Simulation-Optimization Approach. IEEE Access, 2021, 9, 17854-17865.	4.2	10
3	Aircraft routing with generalized maintenance constraints. Omega, 2018, 80, 111-122.	5.9	32
4	Multi-threaded simulated annealing for a bi-objective maintenance scheduling problem. International Journal of Production Research, 2012, 50, 63-80.	7.5	12
5	Annealing-based particle swarm optimization to solve the redundant reliability problem with multiple component choices. Applied Soft Computing Journal, 2012, 12, 3462-3471.	7.2	26
6	Manufacturing system design by considering multiple machine replacements under discounted costs. IIE Transactions, 2012, 44, 1100-1114.	2.1	4
7	A heuristic approach for Periodic Vehicle Routing Problem: a case study. International Journal of Logistics Systems and Management, 2011, 8, 425.	0.2	5
8	Workforce-constrained maintenance scheduling for military aircraft fleet: a case study. Annals of Operations Research, 2011, 186, 295-316.	4.1	73
9	Bi-objective workforce-constrained maintenance scheduling: a case study. Journal of the Operational Research Society, 2011, 62, 1005-1018.	3.4	20
10	An integrated storage space and berth allocation problem in a container terminal. International Journal of Mathematics in Operational Research, 2010, 2, 674.	0.2	9
11	A neural network approach for remaining useful life prediction utilizing both failure and suspension histories. Mechanical Systems and Signal Processing, 2010, 24, 1542-1555.	8.0	240
12	Impact of the use-based maintenance policy on the performance of cellular manufacturing systems. International Journal of Production Research, 2010, 48, 2233-2260.	7.5	19
13	Integrated multi-period cell formation and subcontracting production planning in dynamic cellular manufacturing systems. International Journal of Production Economics, 2009, 120, 301-314.	8.9	108
14	A genetic algorithm to solve the storage space allocation problem in a container terminal. Computers and Industrial Engineering, 2009, 56, 44-52.	6.3	140
15	A memetic algorithm for the flexible flow line scheduling problem with processor blocking. Computers and Operations Research, 2009, 36, 402-414.	4.0	63
16	An extended fuzzy parametric programming-based approach for designing cellular manufacturing systems under uncertainty and dynamic conditions. International Journal of Computer Integrated Manufacturing, 2009, 22, 538-548.	4.6	21
17	A fuzzy programming approach for a cell formation problem with dynamic and uncertain conditions. Fuzzy Sets and Systems, 2008, 159, 215-236.	2.7	58
18	Designing cellular manufacturing systems under dynamic and uncertain conditions. Journal of Intelligent Manufacturing, 2007, 18, 383-399.	7.3	23