

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