

# Jamal Arkat

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

864  
citations

516215

16  
h-index

500791

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

723  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-verse optimizer algorithm for ambulance repositioning in emergency medical service systems. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2022, 13, 549-570.	3.3	9
2	Cooperation mechanisms for a competitive, sustainable food supply chain to reduce greenhouse gas emissions. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32142-32160.	2.7	1
3	Competition and cooperation in the sustainable food supply chain with a focus on social issues. <i>Journal of Cleaner Production</i> , 2021, 285, 124872.	4.6	22
4	A simulation-optimization algorithm for return strategies in emergency medical systems. <i>Simulation</i> , 2021, 97, 565-588.	1.1	4
5	Locations of congested facilities with interruptible immobile servers. <i>Computers and Industrial Engineering</i> , 2021, 156, 107220.	3.4	4
6	Integration of Facility Location and Hypercube Queuing Models in Emergency Medical Systems. <i>Journal of Systems Science and Systems Engineering</i> , 2021, 30, 495.	0.8	5
7	A multi-period bi-level model for a competitive food supply chain with sustainability considerations. <i>Journal of Cleaner Production</i> , 2021, 325, 129260.	4.6	3
8	A multi-objective model for identifying valuable nodes in complex networks with minimum cost. <i>Cluster Computing</i> , 2020, 23, 2719-2733.	3.5	8
9	A vibration damping optimization algorithm for the integrated problem of cell formation, cellular scheduling, and intercellular layout. <i>Computers and Industrial Engineering</i> , 2020, 143, 106439.	3.4	16
10	Incorporating dynamic cellular manufacturing into strategic supply chain design. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 2429-2447.	1.5	14
11	Hypercube Queuing Models in Emergency Service Systems: A State-of-the-Art Review. <i>Scientia Iranica</i> , 2018, .	0.3	1
12	Bi-objective covering tour location routing problem with replenishment at intermediate depots: Formulation and meta-heuristics. <i>Computers and Industrial Engineering</i> , 2017, 110, 191-206.	3.4	38
13	Stochastic group shop scheduling with fuzzy due dates. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 33, 2075-2084.	0.8	5
14	Complete Coverage Path Planning for a Multi-UAV Response System in Post-Earthquake Assessment. <i>Robotics</i> , 2016, 5, 26.	2.1	73
15	Two-level vehicle routing with cross-docking in a three-echelon supply chain: A genetic algorithm approach. <i>Applied Mathematical Modelling</i> , 2015, 39, 7065-7081.	2.2	67
16	Scheduling of virtual manufacturing cells with outsourcing allowed. <i>International Journal of Computer Integrated Manufacturing</i> , 2014, 27, 1079-1089.	2.9	12
17	A new branch and bound algorithm for cell formation problem. <i>Applied Mathematical Modelling</i> , 2012, 36, 5091-5100.	2.2	18
18	Multi-objective genetic algorithm for cell formation problem considering cellular layout and operations scheduling. <i>International Journal of Computer Integrated Manufacturing</i> , 2012, 25, 625-635.	2.9	50

#	ARTICLE	IF	CITATIONS
19	Integrating cell formation with cellular layout and operations scheduling. International Journal of Advanced Manufacturing Technology, 2012, 61, 637-647.	1.5	42
20	A stochastic model for the generalised cell formation problem considering machine reliability. International Journal of Computer Integrated Manufacturing, 2011, 24, 1095-1102.	2.9	16
21	Minimization of exceptional elements and voids in the cell formation problem using a multi-objective genetic algorithm. Expert Systems With Applications, 2011, 38, 9597-9602.	4.4	41
22	Flexible job shop scheduling with overlapping in operations. Applied Mathematical Modelling, 2009, 33, 3076-3087.	2.2	73
23	Cell formation with alternative process routings and machine reliability consideration. International Journal of Advanced Manufacturing Technology, 2008, 35, 761-768.	1.5	43
24	Modelling the effects of machine breakdowns in the generalized cell formation problem. International Journal of Advanced Manufacturing Technology, 2008, 39, 838-850.	1.5	32
25	APPLYING METAHEURISTICS IN THE GENERALIZED CELL FORMATION PROBLEM CONSIDERING MACHINE RELIABILITY. Journal of the Chinese Institute of Industrial Engineers, 2008, 25, 261-274.	0.5	4
26	Solving permutation flow shop sequencing using ant colony optimization. , 2007, , .		7
27	Artificial neural networks in applying MCLSUM residuals charts for AR(1) processes. Applied Mathematics and Computation, 2007, 189, 1889-1901.	1.4	36
28	Applying simulated annealing to cellular manufacturing system design. International Journal of Advanced Manufacturing Technology, 2007, 32, 531-536.	1.5	61
29	Bi-objective resource-constrained project scheduling with robustness and makespan criteria. Applied Mathematics and Computation, 2006, 180, 146-152.	1.4	91
30	Estimating the parameters of Weibull distribution using simulated annealing algorithm. Applied Mathematics and Computation, 2006, 183, 85-93.	1.4	68