

Mehdi Foumani

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

429
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

397
citing authors

#	ARTICLE	IF	CITATIONS
1	A transformation technique for the clustered generalized traveling salesman problem with applications to logistics. <i>European Journal of Operational Research</i> , 2020, 285, 444-457.	5.7	84
2	The impact of various carbon reduction policies on green flowshop scheduling. <i>Applied Energy</i> , 2019, 249, 300-315.	10.1	80
3	A cross-entropy method for optimising robotic automated storage and retrieval systems. <i>International Journal of Production Research</i> , 2018, 56, 6450-6472.	7.5	39
4	Stochastic optimization of two-machine flow shop robotic cells with controllable inspection times: From theory toward practice. <i>Robotics and Computer-Integrated Manufacturing</i> , 2020, 61, 101822.	9.9	39
5	Cycle time analysis in reentrant robotic cells with swap ability. <i>International Journal of Production Research</i> , 2012, 50, 6372-6387.	7.5	29
6	Fitting the three-parameter Weibull distribution with Cross Entropy. <i>Applied Mathematical Modelling</i> , 2013, 37, 6354-6363.	4.2	29
7	Analysis of flexible robotic cells with improved pure cycle. <i>International Journal of Computer Integrated Manufacturing</i> , 2013, 26, 201-215.	4.6	24
8	Scheduling of two-machine robotic rework cells: In-process, post-process and in-line inspection scenarios. <i>Robotics and Autonomous Systems</i> , 2017, 91, 210-225.	5.1	21
9	Notes on Feasibility and Optimality Conditions of Small-Scale Multifunction Robotic Cell Scheduling Problems With Pickup Restrictions. <i>IEEE Transactions on Industrial Informatics</i> , 2015, 11, 821-829.	11.3	17
10	Scheduling rotationally arranged robotic cells served by a multi-function robot. <i>International Journal of Production Research</i> , 2014, 52, 4037-4058.	7.5	16
11	Cyclic scheduling of a robotic flexible cell with load lock and swap. <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 1885-1891.	7.3	14
12	A framework for stochastic scheduling of two-machine robotic rework cells with in-process inspection system. <i>Computers and Industrial Engineering</i> , 2017, 112, 492-502.	6.3	13
13	Increasing Throughput for a Class of Two-Machine Robotic Cells Served by a Multifunction Robot. <i>IEEE Transactions on Automation Science and Engineering</i> , 2017, 14, 1150-1159.	5.2	9
14	Scheduling dual gripper robotic cells with a hub machine. , 2013, , .		7
15	Utilisation of pruned Pareto-optimal solutions in the multi objective optimisation: an application to system redundancy allocation problems. <i>International Journal of Applied Decision Sciences</i> , 2013, 6, 50.	0.3	6
16	AN OPERATION-ORIENTED ANALYSIS OF HYBRID ROBOTIC CELLS. <i>International Journal of Robotics and Automation</i> , 2013, 28, .	0.1	2