Atiya Al-Zuheri

List of Publications by Year
in descending order

13 papers	72 citations	1684188 5 h-index	1474206 9 g-index
13 all docs	13 docs citations	13 times ranked	57 citing authors

#	Article	IF	Citations
1	Developing a multi-objective genetic optimisation approach for an operational design of a manual mixed-model assembly line with walking workers. Journal of Intelligent Manufacturing, 2016, 27, 1049-1065.	7.3	23
2	Prediction and analysis impact of operational design of a manual assembly system with walking workers on performance. International Journal of Computer Integrated Manufacturing, 2013, 26, 540-560.	4.6	11
3	The Role of Randomness of a Manual Assembly Line with Walking Workers on Model Validation. Procedia CIRP, 2012, 3, 233-238.	1.9	7
4	APPLICATION OF LEAN SIX SIGMA TO REDUCE PATIENT WAITING TIME: LITERATURE REVIEW. International Journal for Quality Research, 2021, 15, 241-258.	1.0	7
5	STRUCTURAL AND OPERATIONAL COMPLEXITY OF MANUAL ASSEMBLY SYSTEMS. Journal of Computer Science, 2013, 9, 1822-1829.	0.6	6
6	Mathematical modelling for process design of walking worker assembly line in productivity and ergonomics perspectives. International Journal of Industrial and Systems Engineering, 2013, 14, 104.	0.2	5
7	Using simulation in verification of a mathematical model for predicting the performance of manual assembly line occupied with flexible workforce. International Journal of Simulation and Process Modelling, 2014, 9, 270.	0.2	5
8	Grouping technology and a hybrid genetic algorithm–desirability function approach for optimum design of cellular manufacturing systems. IET Collaborative Intelligent Manufacturing, 2022, 4, 267-285.	3.3	4
9	A Framework for the Modelling and Optimisation of a Lean Assembly System Design with Multiple Objectives. Advances in Logistics, Operations, and Management Science Book Series, 2014, , 96-125.	0.4	2
10	A Systematic Framework to Integrate TRIZ Into DFSS for New Product Development. , 2019, , .		1
11	Cross–Comparison of Evolutionary Algorithms for Optimizing Design of Sustainable Supply Chain Network under Disruption Risks. Advances in Science and Technology Research Journal, 2021, 15, 342-351.	0.8	1
12	Determination of the Chemical Structure of the Iraqi Oil Shale and Its Hydrocarbon Forms. Engineering, 2018, 10, 7-20.	0.8	0
13	A Genetic Algorithm-based Optimization Model for Designing an Efficient, Sustainable Supply Chain Network under Disruption Risks. International Journal of Manufacturing Technology and Management, 2020, 1, 1.	0.1	0