

Ahad Ali

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

229
citations

1307594

7
h-index

1125743

13
g-index

30
all docs

30
docs citations

30
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-period scheduling of dynamic cellular manufacturing systems in the presence of cost uncertainty. Computers and Industrial Engineering, 2016, 100, 110-132.	6.3	29
2	A multi-period scheduling method for trading-off between skilled-workers allocation and outsource service usage in dynamic CMS. International Journal of Production Research, 2017, 55, 997-1039.	7.5	28
3	A Model to Improve the Implementation Standards of Street Lighting Based on Solar Energy: A Case Study. Energies, 2020, 13, 630.	3.1	27
4	Efficiency improvement of solar cell using compound parabolic concentrator and sun tracking system. , 2008, , .		18
5	Condition-Based Monitoring and Maintenance: State of the Art Review. Applied Sciences (Switzerland), 2022, 12, 688.	2.5	18
6	An applicable method for modifying over-allocated multi-mode resource constraint schedules in the presence of preemptive resources. Annals of Operations Research, 2017, 259, 85-117.	4.1	12
7	Optical instrumentation for vibration measurement and monitoring. International Journal of Precision Engineering and Manufacturing, 2011, 12, 405-411.	2.2	11
8	Web-enabled platform for distributed and dynamic decision-making systems. International Journal of Advanced Manufacturing Technology, 2008, 38, 1260-1270.	3.0	10
9	Low voltage power line characterization as a data transfer method in public electricity distribution networks and indoor distribution networks. , 2008, , .		10
10	Optimized maintenance design for manufacturing performance improvement using simulation. , 2008, , .		10
11	Improvement for alignment process of automotive assembly plant using simulation and design of experiments. International Journal of Experimental Design and Process Optimisation, 2011, 2, 145.	0.2	7
12	An applicable method for scheduling temporary and skilled-workers in dynamic cellular manufacturing systems using hybrid ant colony optimization and tabu search algorithms. Journal of Industrial and Production Engineering, 2017, 34, 425-449.	3.1	7
13	A robust optimization approach for scheduling a supply chain system considering preventive maintenance and emergency services using a hybrid ant colony optimization and simulated annealing algorithm. Uncertain Supply Chain Management, 2019, , 251-274.	3.2	7
14	Automotive robotic body shop simulation for performance improvement using plant feedback. International Journal of Industrial and Systems Engineering, 2011, 7, 269.	0.2	6
15	A Hybrid Ant Colony Optimization and Simulated Annealing Algorithm for Multi-Objective Scheduling of Cellular Manufacturing Systems. International Journal of Applied Metaheuristic Computing, 2020, 11, 1-40.	0.7	5
16	Simulation and Reliability Analysis of Laser-Welded Blanks after Metal Surface Finishing Process. International Journal of Manufacturing, Materials, and Mechanical Engineering, 2012, 2, 1-11.	0.4	5
17	EFFICIENT MATERIAL ALLOCATIONS IN HIGH-MIX LOW-VOLUME MANUFACTURING. Journal of Advanced Manufacturing Systems, 2010, 09, 101-116.	1.0	4
18	Solar PV Residential Grid-Tie System for Optimizing Installation and Performance. International Journal of Energy Optimization and Engineering, 2016, 5, 48-67.	0.6	4

#	ARTICLE	IF	CITATIONS
19	Survey of Mechatronic Techniques in Modern Machine Design. Journal of Robotics, 2012, 2012, 1-9.	0.9	3
20	Optimization design of Xi... &EWMA control chart for minimizing mean number of defective units per out-of-control case. , 2015, , .		2
21	Design, simulation and improvement of the end-of-line conveyor system for car rear seatbacks manufacturing. International Journal of Human Factors Modelling and Simulation, 2011, 2, 222.	0.2	1
22	FUZZY LOGIC BASED UNCERTAINTY REPRESENTATION AND SIMULATION IN A FLEXIBLE ASSEMBLY SYSTEM. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 03, 1250013.	1.4	1
23	Performance Prediction of an Automotive Assembly Line Based on ARMA-ANN Modeling. International Journal of Applied Industrial Engineering, 2014, 2, 22-39.	0.5	1
24	Investigation of maintenance assumptions for an automotive production line using simulation modeling. , 2015, , .		1
25	Defining service quality index preferences in a service industry using Analytic Hierarchy process. , 2015, , .		1
26	The model of investment promotion policy scheme in science and technology park: a case study of technopolis in Indonesia. Production and Manufacturing Research, 2018, 6, 308-327.	1.5	1
27	Modeling and simulation of hard disk drive final assembly using a HDD template. , 2007, , .		0
28	Productivity improvement in subsystem of assembly process utilising simulation. International Journal of Modelling in Operations Management, 2012, 2, 227.	0.0	0
29	Lean Enterprise Transformation is a Business Necessity for Sustainable Growth: An Introduction to the Jet Special Issue. Journal of Enterprise Transformation, 2013, 3, 133-135.	1.0	0
30	Back to Fundamentals for a Successful Lean Six Sigma Enterprise Transformation: An Introduction to Jet Special Issue on Case Studies of Lean Enterprise Transformation. Journal of Enterprise Transformation, 2014, 4, 73-75.	1.0	0