

Muhammad Omair

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

704
citations

516710

16
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	Ramification of remanufacturing in a sustainable three-echelon closed-loop supply chain management for returnable products. <i>Journal of Cleaner Production</i> , 2021, 290, 125609.	9.3	107
2	A cooperative advertising collaboration policy in supply chain management under uncertain conditions. <i>Applied Soft Computing Journal</i> , 2020, 88, 105948.	7.2	87
3	Large-scale disaster waste management under uncertain environment. <i>Journal of Cleaner Production</i> , 2019, 212, 200-222.	9.3	64
4	A robust possibilistic flexible programming approach toward a resilient and cost-efficient biodiesel supply chain network. <i>Journal of Cleaner Production</i> , 2022, 366, 132752.	9.3	59
5	A Multi-Objective Optimization of Energy, Economic, and Carbon Emission in a Production Model under Sustainable Supply Chain Management. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1744.	2.5	52
6	A COVID-19 Supply Chain Management Strategy Based on Variable Production under Uncertain Environment Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1662.	2.6	43
7	The Selection of the Sustainable Suppliers by the Development of a Decision Support Framework Based on Analytical Hierarchical Process and Fuzzy Inference System. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 1986-2003.	4.0	37
8	E-Agricultural Supply Chain Management Coupled with Blockchain Effect and Cooperative Strategies. <i>Sustainability</i> , 2021, 13, 816.	3.2	35
9	Minimum Quantity Lubrication and Carbon Footprint: A Step towards Sustainability. <i>Sustainability</i> , 2017, 9, 714.	3.2	30
10	Stochastic-Petri Net Modeling and Optimization for Outdoor Patients in Building Sustainable Healthcare System Considering Staff Absenteeism. <i>Mathematics</i> , 2019, 7, 499.	2.2	22
11	Parametric optimization of material removal rate, surface roughness, and kerf width in high-speed wire electric discharge machining (HS-WEDM) of DC53 die steel. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 107, 3231-3245.	3.0	19
12	An Improved Evolution Strategy Hybridization With Simulated Annealing for Permutation Flow Shop Scheduling Problems. <i>IEEE Access</i> , 2021, 9, 94505-94522.	4.2	19
13	The Quantitative Analysis of Workers's Stress Due to Working Environment in the Production System of the Automobile Part Manufacturing Industry. <i>Mathematics</i> , 2019, 7, 627.	2.2	18
14	A Single-Stage Manufacturing Model with Imperfect Items, Inspections, Rework, and Planned Backorders. <i>Mathematics</i> , 2019, 7, 446.	2.2	18
15	Experimental Investigation and Multi-Response Optimization of Machinability of AA5005H34 Using Composite Desirability Coupled with PCA. <i>Metals</i> , 2021, 11, 235.	2.3	17
16	Influence of controllable lead time, premium price, and unequal shipments under environmental effects in a supply chain management. <i>RAIRO - Operations Research</i> , 2019, 53, 1427-1451.	1.8	16
17	Fast Evolutionary Algorithm for Flow Shop Scheduling Problems. <i>IEEE Access</i> , 2021, 9, 44825-44839.	4.2	12
18	An Agricultural Products Supply Chain Management to Optimize Resources and Carbon Emission Considering Variable Production Rate: Case of Nonperishable Corps. Processes, 2020, 8, 1505.	2.8	10

#	ARTICLE	IF	CITATIONS
19	Analysing significant process parameters for friction stir welding of polymer composite. International Journal of Advanced Manufacturing Technology, 2019, 105, 4973-4987.	3.0	9
20	The significant impact of the economic sustainability on the cement industry by the assessment of the key performance indicators using Taguchi signal to noise ratio. Cogent Engineering, 2020, 7, 1810383.	2.2	9
21	A multi-objective robust possibilistic programming approach for sustainable disaster waste management under disruptions and uncertainties. International Journal of Disaster Risk Reduction, 2022, 75, 102967.	3.9	9
22	Waste reduction of polypropylene bag manufacturing process using Six Sigma DMAIC approach: A case study. Cogent Engineering, 2021, 8, .	2.2	8
23	An inventory management for global supply chain through reworking of defective items having positive inventory level under multi-trade-credit-period. Annals of Operations Research, 2022, 315, 1-28.	4.1	4