

Muhammad Omair

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

704
citations

516710

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docs citations

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times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-objective robust possibilistic programming approach for sustainable disaster waste management under disruptions and uncertainties. <i>International Journal of Disaster Risk Reduction</i> , 2022, 75, 102967.	3.9	9
2	An inventory management for global supply chain through reworking of defective items having positive inventory level under multi-trade-credit-period. <i>Annals of Operations Research</i> , 2022, 315, 1-28.	4.1	4
3	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
4	E-Agricultural Supply Chain Management Coupled with Blockchain Effect and Cooperative Strategies. <i>Sustainability</i> , 2021, 13, 816.	3.2	35
5	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
6	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
7	Waste reduction of polypropylene bag manufacturing process using Six Sigma DMAIC approach: A case study. <i>Cogent Engineering</i> , 2021, 8, .	2.2	8
8	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
9	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
10	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
11	Fast Evolutionary Algorithm for Flow Shop Scheduling Problems. <i>IEEE Access</i> , 2021, 9, 44825-44839.	4.2	12
12	A cooperative advertising collaboration policy in supply chain management under uncertain conditions. <i>Applied Soft Computing Journal</i> , 2020, 88, 105948.	7.2	87
13	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
14	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. <i>Cogent Engineering</i> , 2020, 7, 1810383.	2.2	9
15	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
16	The Quantitative Analysis of Workersâ€™ Stress Due to Working Environment in the Production System of the Automobile Part Manufacturing Industry. <i>Mathematics</i> , 2019, 7, 627.	2.2	18
17	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
18	Analysing significant process parameters for friction stir welding of polymer composite. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 4973-4987.	3.0	9

#	ARTICLE	IF	CITATIONS
19	A Single-Stage Manufacturing Model with Imperfect Items, Inspections, Rework, and Planned Backorders. <i>Mathematics</i> , 2019, 7, 446.	2.2	18
20	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
21	Large-scale disaster waste management under uncertain environment. <i>Journal of Cleaner Production</i> , 2019, 212, 200-222.	9.3	64
22	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
23	Minimum Quantity Lubrication and Carbon Footprint: A Step towards Sustainability. <i>Sustainability</i> , 2017, 9, 714.	3.2	30