Cucuk Nur Rosyidi

List of Publications by Year
in descending order

70
papers	250
citations	1307594
7
h-index	1125743
13
g-index
71
all docs	71
docs citations	71
times ranked	142
citing authors

#	Article	IF	Citations
1	Cooperative inventory model for vendor-buyer system with unequal-sized shipment, defective items and carbon emission cost. International Journal of Logistics Systems and Management, 2014, 19, 163.	0.2	30
2	A closed-loop supply chain model with rework, waste disposal, and carbon emissions. Operations Research Perspectives, 2020, 7, 100155.	2.1	26
3	Multi-objective cutting parameter optimization model of multi-pass turning in CNC machines for sustainable manufacturing. Heliyon, 2021, 7, e06043.	3.2	25
4	Inventory decisions in a two-echelon system with remanufacturing, carbon emission, and energy effects. Cogent Engineering, 2017, 4, 1379628.	2.2	17
5	A collaborative supply chain inventory model with defective items, adjusted production rate and variable lead time. International Journal of Procurement Management, 2016, 9, 733.	0.2	12
6	Product quality improvement model considering quality investment in rework policies and supply chain profit sharing. Journal of Industrial Engineering International, 2019, 15, 637-649.	1.8	12
7	A concurrent optimization model for suppliers selection, tolerance and component allocation with fuzzy quality loss. Cogent Engineering, 2016, 3, 1222043.	2.2	8
8	A supply chain inventory model for vendor-buyer system with defective items and imperfect inspection process. International Journal of Mathematics in Operational Research, 2017, 11, 450.	0.2	7
9	Optimization Models for Deriving Optimum Target of Key Characteristics. Journal of Advanced Manufacturing Systems, 2014, 13, 89-101.	1.0	5
10	A concurrent optimization model for supplier selection with fuzzy quality loss. Journal of Industrial Engineering and Management, 2017, 10, 98.	1.5	5
11	Design of an automatic production monitoring system on job shop manufacturing. AIP Conference Proceedings, 2018, , .	0.4	5
12	Two stages optimization model on make or buy analysis and quality improvement considering learning and forgetting curve. Journal of Industrial Engineering and Management, 2018, 11, 794.	1.5	5
13	Supplier selection and order allocation using TOPSIS and linear programming method at Pt. Sekarlima Surakarta. AIP Conference Proceedings, 2019, , .	0.4	5
14	Factor Analysis of Kansei Words for Female Batik Clothes Using Three Stages Research: Looking, Touching, and Wearing. Advanced Science Letters, 2017, 23, 100-103.	0.2	5
15	PRIORITIZING KEY CHARACTERISTICS. Journal of Advanced Manufacturing Systems, 2009, 08, 57-70.	1.0	4
16	Mismatch Analysis of Elementary School Desk and Chair Key Characteristics in Indonesia. Applied Mechanics and Materials, 0, 660, 1057-1061.	0.2	4
17	Mismatch Analysis of Elementary School Furniture in Several Regions of Central Java, Indonesia, and Redesign Recommendations. SAGE Open, 2016, 6, 215824401666438.	1.7	4
18	Assessment of the readiness of SME to entering the modern market by using the good manufacturing practice and halal assurance system (Case study on Sari Murni SME). AIP Conference Proceedings, 2018, , .	0.4	4

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19	Multi responses optimization of plastic injection molding for biodegradable polymers using Taguchi method and TOPSIS. AIP Conference Proceedings, 2019, , .	0.4	4
20	An integrated optimization model of production plan in a large steel manufacturing company. Journal of Industrial and Production Engineering, 2021, 38, 186-196.	3.1	4
21	An Integrated Optimization Model for Product Design and Production Allocation in a Make to Order Manufacturing System. International Journal of Technology, 2016, 7, 819.	0.8	4
22	Make or buy decision model with multi-stage manufacturing process and supplier imperfect quality. AIP Conference Proceedings, 2017, , .	0.4	3
23	Multi objective optimization model for minimizing production cost and environmental impact in CNC turning process. AIP Conference Proceedings, 2018, , .	0.4	3
24	A vendorâ€"buyer inventory model with imperfect production considering investment to reduce lead time variability. Cogent Engineering, 2018, 5, 1531455.	2.2	3
25	Service quality measurement of higher vocational education based on SERVQUAL and KANO: A case study in Politeknik ATMI Surakarta. AIP Conference Proceedings, 2019, , .	0.4	3
26	Minimizing gap of utility between consumer and producer in a duopoly market considering outsourcing decision, price, and product tolerance. Production and Manufacturing Research, 2019, 7, 23-43.	1.5	3
27	An integrated optimisation model of refinery short-term planning: a case study. Energy Systems, 2020, 11, 283-299.	3.0	3
28	An optimization model of make or buy decision and quality improvement of components using rebate. Cogent Engineering, 2020, 7, 1767266.	2.2	3
29	Inventory model optimisation for a closed-loop retailer-manufacturer-supplier system with imperfect production, reworks and quality dependent return rate. International Journal of Services and Operations Management, 2020, 35, 528.	0.2	3
30	Make or Buy Analysis Model Based on Tolerance Design to Minimize Manufacturing Cost and Quality Loss. Makara Journal of Technology, 2014, 18, 86.	0.3	3
31	Model Penentuan Nilai Target Functional Requirement Berbasis Utilitas. Jurnal Teknik Industri, 2012, 14, .	0.5	3
32	A collaborative supply chain inventory model with defective items, adjusted production rate and variable lead time. International Journal of Procurement Management, 2016, 9, 733.	0.2	3
33	Inventory model optimisation for a closed-loop retailer-manufacturer-supplier system with imperfect production, reworks and quality dependent return rate. International Journal of Services and Operations Management, 2020, 35, 528.	0.2	3
34	Effect of Furniture Weight on Carrying, Lifting, and Turning of Chairs and Desks among Elementary School Children. PLoS ONE, 2015, 10, e0128843.	2.5	2
35	Two-stage optimization model for process/supplier selection, component allocation, and quality improvement. Cogent Engineering, 2018, 5, 1557504.	2.2	2
36	On optimizing the number of repetition in an operation skill training program based on cost of quality and learning curve. Cogent Engineering, 2019, 6, .	2.2	2

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37	Multi objective optimization model of CNC turning for minimizing processing time and carbon emission with real machining application. Journal of Industrial Engineering and Management, 2021, 14, 376.	1.5	2
38	A Sequential Optimization Model of Cut-off Grade and Project/Location Selection in Open Pit Mining. Industrial Engineering and Management Systems, 2019, 18, 369-382.	0.4	2
39	Simultaneous component and tolerance allocation through suppliers' selection considering technological capability and production capacity to minimise purchasing cost and quality loss. International Journal of Logistics Economics and Globalisation, 2013, 5, 302.	0.5	1
40	Monte Carlo Simulation of Gas Spring in an Energy Storing Prosthetic Knee. Applied Mechanics and Materials, 2014, 660, 916-920.	0.2	1
41	Make or buy decision model with multi-stage manufacturing process to minimize manufacturing cost and quality loss. , 2015, , .		1
42	Multi-objective optimization model of CNC machining to minimize processing time and environmental impact. AIP Conference Proceedings, 2017, , .	0.4	1
43	Scheduling of undergraduate thesis examination: a case study in Industrial Engineering Department of Universitas Sebelas Maret. Journal of Industrial Engineering International, 2019, 15, 209-221.	1.8	1
44	A linear programming model in guitar production to maximize profit: A case study of guitar manufacturer in Indonesia. AIP Conference Proceedings, 2019, , .	0.4	1
45	The implementation of lean six sigma in a book manufacturing company: A case study. AIP Conference Proceedings, 2019, , .	0.4	1
46	An integrated inventory model for deteriorated and imperfect items considering carbon emissions and inflationary environment. AIP Conference Proceedings, 2020, , .	0.4	1
47	Make or Buy Decision with Price and Quality Dependent Demand. Lecture Notes in Mechanical Engineering, 2020, , 272-277.	0.4	1
48	A Multi-Objective Optimization Model for Plastic Cup Design Using Mechanical and Environmental Performances. Applied Mechanics and Materials, 0, 378, 424-428.	0.2	0
49	Redesigning Manual Wheelchair for Disabled Children Using Anthropometry Data and Biomechanical Analysis. Applied Mechanics and Materials, 2013, 343, 115-119.	0.2	0
50	Mismatch Analysis of Elementary School Desk and Chair Using Monte Carlo Simulation. Applied Mechanics and Materials, 2015, 815, 323-327.	0.2	0
51	The evaluation of criteria and subcriteria of research project selection using fuzzy analytical hierarchy process method. , 2016, , .		0
52	A closed-loop supply chain model for supplier-manufacturer-retailer system with rework and waste disposal. , 2016, , .		0
53	A collaborative inventory model for vendor-buyer system with inspection errors, unequal sized shipment, and repairable item. AIP Conference Proceedings, 2017, , .	0.4	0
54	A closed-loop supply chain inventory model for manufacturer - Collector system with inspection, waste disposal and price-quality dependent return rate. AIP Conference Proceedings, 2017, , .	0.4	0

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55	The evaluation of criteria and subcriteria of research proposals using ANP method. AIP Conference Proceedings, 2017, , .	0.4	0
56	Considering Children's Methods of Grasping and Carrying Elementary School Chairs for Easy Carrying, Lifting, and Turning. SAGE Open, 2017, 7, 215824401667803.	1.7	0
57	The development of daily monitoring tool in a service part manufacturing company. AIP Conference Proceedings, 2018, , .	0.4	0
58	Profit Analysis Model of Smart Item Implementation in Integrated Supply Chain Process. IOP Conference Series: Materials Science and Engineering, 2018, 319, 012080.	0.6	0
59	Design of conveyor utilization monitoring system: a case study of powder coating line in sheet metal fabrication. IOP Conference Series: Materials Science and Engineering, 2018, 319, 012079.	0.6	0
60	Design of Manufacture Professional Training and Assessment Information System in The Implementation of PBET (Production Based Education and Training) Learning Activity Model. , 2019, , .		0
61	The optimal-sizing of energy storage for a fossil fuel power plant. AIP Conference Proceedings, 2019, , .	0.4	0
62	An optimization model for liquid steel production allocation at PT. XYZ considering maintenance schedule. AIP Conference Proceedings, 2019, , .	0.4	0
63	An optimization model of undergraduate thesis examination scheduling in department of industrial engineering, Sebelas Maret University. AIP Conference Proceedings, 2019, , .	0.4	0
64	Manufacturing planning in an engineer-to-order company using CPM and PERT. AIP Conference Proceedings, 2019, , .	0.4	0
65	Supplier selection of recycled plastic materials using best worst and TOPSIS method. Journal of Physics: Conference Series, 2019, 1367, 012041.	0.4	0
66	Improvement of work processes and methods to achieve production targets using VA/NVA analysis, ECRS and line balancing. , 2020, , .		0
67	Optimization model for determining economic production quantity and process mean by considering internal and external quality loss. AIP Conference Proceedings, 2020, , .	0.4	0
68	A consignment policy for a supplier-retailer inventory system. AIP Conference Proceedings, 2020, , .	0.4	0
69	Inventory and sales decisions in a vendor–buyer system with imperfect items and learning in inspection. Journal of Control and Decision, 2021, 8, 453-463.	1.6	0
70	Optimization and Improvement of Gas Spring Design in An Energy Storing Prosthetic Knee. International Journal of Technology, 2015, 6, 272.	0.8	0