

Kasin Ransikarbum

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

651
citations

687363

13
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Goal programming-based post-disaster decision making for integrated relief distribution and early-stage network restoration. International Journal of Production Economics, 2016, 182, 324-341.	8.9	102
2	Multiple-objective analysis of integrated relief supply and network restoration in humanitarian logistics operations. International Journal of Production Research, 2016, 54, 49-68.	7.5	101
3	Multi-objective optimization analysis for part-to-Printer assignment in a network of 3D fused deposition modeling. Journal of Manufacturing Systems, 2017, 43, 35-46.	13.9	67
4	A Decision-Support Model for Additive Manufacturing Scheduling Using an Integrative Analytic Hierarchy Process and Multi-Objective Optimization. Applied Sciences (Switzerland), 2020, 10, 5159.	2.5	59
5	Integrated Fuzzy Analytic Hierarchy Process and Technique for Order of Preference by Similarity to Ideal Solution for Additive Manufacturing Printer Selection. Journal of Materials Engineering and Performance, 2021, 30, 6481-6492.	2.5	31
6	A bi-objective optimisation of post-disaster relief distribution and short-term network restoration using hybrid NSGA-II algorithm. International Journal of Production Research, 2022, 60, 5769-5793.	7.5	28
7	Adaptive SVM-based real-time quality assessment for primer-sealer dispensing process of sunroof assembly line. Reliability Engineering and System Safety, 2019, 184, 202-212.	8.9	25
8	Multicriteria decision analysis framework for part orientation analysis in additive manufacturing. Journal of Computational Design and Engineering, 2021, 8, 1141-1157.	3.1	24
9	An Integrative Decision Support System for Improving Tourism Logistics and Public Transportation in Thailand. Tourism Planning and Development, 2021, 18, 614-629.	2.2	23
10	Model and Analysis of Economic- and Risk-Based Objective Optimization Problem for Plant Location within Industrial Estates Using Epsilon-Constraint Algorithms. Computation, 2021, 9, 46.	2.0	23
11	A dimensional compensation algorithm for vertical bending deformation of 3D printed parts in selective laser sintering. Rapid Prototyping Journal, 2018, 24, 955-963.	3.2	21
12	A Highway-Driving System Design Viewpoint Using an Agent-Based Modeling of an Affordance-Based Finite State Automata. IEEE Access, 2018, 6, 2193-2205.	4.2	18
13	Fuzzy Analytic Hierarchy Process (AHP)-based Criteria Analysis for 3D Printer Selection in Additive Manufacturing. , 2019, , .		18
14	Integrated IEW-TOPSIS and Fire Dynamics Simulation for Agent-Based Evacuation Modeling in Industrial Safety. Safety, 2021, 7, 47.	1.7	18
15	Computational modelling of manufacturing choice complexity in a mixed-model assembly line. International Journal of Production Research, 2017, 55, 5976-5990.	7.5	13
16	Criteria Analysis of Food Safety using the Analytic Hierarchy Process (AHP) - A Case study of Thailand's Fresh Markets. E3S Web of Conferences, 2020, 141, 02001.	0.5	13
17	Data envelopment analysis-based multi-criteria decision making for part orientation selection in fused deposition modeling. , 2017, , .		11
18	Real-time quality monitoring and control system using an integrated cost effective support vector machine. Journal of Mechanical Science and Technology, 2019, 33, 6009-6020.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Evaluation of Assembly Part Build Orientation in Additive Manufacturing Environment using Data Envelopment Analysis. MATEC Web of Conferences, 2019, 293, 02002.	0.2	8
20	Analysis of Logistical Aspect of Food-Safety System in the Green Supply Chain using Vehicle Routing Problem Model. , 2021, , .		8
21	Cost Optimization Model for Plant Assignment in Industrial Estate Planning. , 2019, , .		7
22	Analytic Hierarchy Process Approach for Healthcare Educational Media Selection: Additive Manufacturing Inspired Study. , 2021, , .		7
23	Agent-based Simulation Modeling of Low Fertility Trap Hypothesis. , 2016, , .		6
24	Efficiency Optimization for Operational Performance in Green Supply Chain Sourcing Using Data Envelopment Analysis: An Empirical Study. Lecture Notes in Networks and Systems, 2022, , 152-162.	0.7	5
25	Relative Efficiency Analysis of Biomass Agricultural Plants using Data Envelopment Analysis. E3S Web of Conferences, 2021, 302, 01003.	0.5	4