

Seyed Mojib Zahraee

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,200
citations

566801

15
h-index

414034

32
g-index

48
all docs

48
docs citations

48
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Artificial Intelligence Methods for Hybrid Energy System Optimization. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 66, 617-630.	8.2	210
2	System dynamics model for optimizing the recycling and collection of waste material in a closed-loop supply chain. <i>Simulation Modelling Practice and Theory</i> , 2015, 53, 88-102.	2.2	100
3	Production Line Analysis via Value Stream Mapping: A Lean Manufacturing Process of Color Industry. <i>Procedia Manufacturing</i> , 2015, 2, 6-10.	1.9	90
4	Biomass supply chain environmental and socio-economic analysis: 40-Years comprehensive review of methods, decision issues, sustainability challenges, and the way forward. <i>Biomass and Bioenergy</i> , 2020, 142, 105777.	2.9	79
5	Combined use of design of experiment and dynamic building simulation in assessment of energy efficiency in tropical residential buildings. <i>Energy and Buildings</i> , 2015, 86, 525-533.	3.1	73
6	A survey on lean manufacturing implementation in a selected manufacturing industry in Iran. <i>International Journal of Lean Six Sigma</i> , 2016, 7, 136-148.	2.4	63
7	An investigation of the environmental sustainability of palm biomass supply chains via dynamic simulation modeling: A case of Malaysia. <i>Journal of Cleaner Production</i> , 2019, 237, 117740.	4.6	43
8	Efficiency Improvement of Blood Supply Chain System Using Taguchi Method and Dynamic Simulation. <i>Procedia Manufacturing</i> , 2015, 2, 1-5.	1.9	37
9	Application of Six Sigma DMAIC methodology in plain yogurt production process. <i>International Journal of Lean Six Sigma</i> , 2018, 9, 562-578.	2.4	30
10	The effect of information technology on the agility of the supply chain in the Iranian power plant industry. <i>Journal of Manufacturing Technology Management</i> , 2016, 27, 427-442.	3.3	29
11	Simulation of Manufacturing Production Line Based on Arena. <i>Advanced Materials Research</i> , 0, 933, 744-748.	0.3	28
12	Sustainable Operations Management in Logistics Using Simulations and Modelling: A Framework for Decision Making in Delivery Management. <i>Procedia Manufacturing</i> , 2019, 30, 627-634.	1.9	27
13	Greening Assessment of Suppliers in Automotive Supply Chain: An Empirical Survey of the Automotive Industry in Iran. <i>Global Journal of Flexible Systems Management</i> , 2018, 19, 225-238.	3.4	26
14	Water-energy nexus and greenhouse gas-sulfur oxides embodied emissions of biomass supply and production system: A large scale analysis using combined life cycle and dynamic simulation approach. <i>Energy Conversion and Management</i> , 2020, 220, 113113.	4.4	24
15	Optimization Waiting Time at Berthing Area of Port Container Terminal with Hybrid Genetic Algorithm (GA) and Artificial Neural Network (ANN). <i>Advanced Materials Research</i> , 0, 902, 431-436.	0.3	22
16	Application of Statistical Taguchi Method to Optimize Main Elements in the Residential Buildings in Malaysia Based Energy Consumption. <i>Applied Mechanics and Materials</i> , 0, 606, 265-269.	0.2	21
17	Application of computer simulation experiment and response surface methodology for productivity improvement in a continuous production line: Case study. <i>Journal of King Saud University, Engineering Sciences</i> , 2018, 30, 207-217.	1.2	21
18	Combined Use of Design of Experiment and Computer Simulation for Resources Level Determination in Concrete Pouring Process. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2013, 64, .	0.3	20

#	ARTICLE	IF	CITATIONS
19	Comparison of Different Scenarios Using Computer Simulation to Improve the Manufacturing System Productivity: Case Study. <i>Advanced Materials Research</i> , 0, 845, 770-774.	0.3	19
20	Evaluating the Effect of Main Factors in Manufacturing Production Line Based on Simulation Experiment. <i>Applied Mechanics and Materials</i> , 0, 606, 199-203.	0.2	18
21	A Review on Water-Energy-Greenhouse Gas Nexus of the Bioenergy Supply and Production System. <i>Current Sustainable/Renewable Energy Reports</i> , 2020, 7, 28-39.	1.2	18
22	Particle-Gaseous pollutant emissions and cost of global biomass supply chain via maritime transportation: Full-scale synergy model. <i>Applied Energy</i> , 2021, 303, 117687.	5.1	16
23	Application of Design of Experiment and Computer Simulation to Improve the Color Industry Productivity: Case Study. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 68, .	0.3	14
24	Application of geographical information system and agent-based modeling to estimate particle-gaseous pollutant emissions and transportation cost of woody biomass supply chain. <i>Applied Energy</i> , 2022, 309, 118482.	5.1	13
25	Transportation system analysis of empty fruit bunches biomass supply chain based on delivery cost and greenhouse gas emissions. <i>Procedia Manufacturing</i> , 2020, 51, 1717-1722.	1.9	12
26	Economic and environmental assessment of biomass supply chain for design of transportation modes: strategic and tactical decisions point of view. <i>Procedia CIRP</i> , 2021, 100, 780-785.	1.0	12
27	Performance Improvement of Concrete Pouring Process Based Resource Utilization Using Taguchi Method and Computer Simulation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.3	11
28	Reduction of Ship Waiting Time at Port Container Terminal Through Enhancement of the Tug/Pilot Machine Operation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 68, .	0.3	10
29	Palm oil biomass global supply chain: environmental emissions vs. technology development of maritime transportation. <i>Procedia CIRP</i> , 2022, 105, 817-822.	1.0	10
30	Agricultural biomass supply chain resilience: COVID-19 outbreak vs. sustainability compliance, technological change, uncertainties, and policies. <i>Cleaner Logistics and Supply Chain</i> , 2022, 4, 100049.	3.1	10
31	Lean Manufacturing Implementation Through Value Stream Mapping: A Case Study. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 68, .	0.3	9
32	Characterization of Manufacturing System Computer Simulation using Taguchi Method. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 72, .	0.3	9
33	Optimization of the esterification process of crude jatropha oil (CJO) containing high levels of free fatty acids: a Malaysian case study. <i>Biofuels</i> , 2020, 11, 655-662.	1.4	9
34	Lean manufacturing analysis of a Heater industry based on value stream mapping and computer simulation. <i>Procedia Manufacturing</i> , 2020, 51, 1379-1386.	1.9	9
35	Understanding the allocation and use of street space in areas of high people activity. <i>Journal of Transport Geography</i> , 2022, 101, 103339.	2.3	8
36	Effect of Biodegradable Binder Properties and Operating Conditions on Growth of Urea Particles in a Fluidized Bed Granulator. <i>Materials</i> , 2019, 12, 2320.	1.3	7

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37	Site characteristics associated with multi-modal trip generation rates at residential developments. <i>Transport Policy</i> , 2021, 103, 127-145.	3.4	7
38	Lean construction analysis of concrete pouring process using value stream mapping and Arena based simulation model. <i>Materials Today: Proceedings</i> , 2021, 42, 1279-1286.	0.9	7
39	Application of Design Experiments to Evaluate the Effectiveness of Climate Factors on Energy Saving in Green Residential Buildings. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.3	5
40	Improving Productivity in a Bank System by Using Computer Simulation. <i>Applied Mechanics and Materials</i> , 0, 606, 259-263.	0.2	4
41	The optimal parameter design for a welding unit of manufacturing industry by Taguchi method and computer simulation. <i>Journal of Industrial Engineering and Management</i> , 2016, 9, 487.	1.0	3
42	Environmental emissions and cost vs. intermodal transportation technological development trade-off for the design of woody biomass supply chain. <i>Procedia CIRP</i> , 2022, 109, 134-139.	1.0	3
43	Improving the Inventory Levels of a Blood Supply Chain Through System Dynamic Simulation. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2014, 69, .	0.3	1
44	Application of Computer Simulation for Productivity Improvement of Welding Unit in a Heater Manufacturing Industry: A Case Study Based on Arena. <i>MATEC Web of Conferences</i> , 2018, 225, 01004.	0.1	1
45	Simulation Scenario Analysis of Operational Day to Day Storage System of Biomass Supply Chain for a Power Plant Case Study Based on Logistic Cost and Transportation Emissions. , 2021, , .		1
46	Integration of Computer Simulation, Design of Experiments and Particle Swarm Optimization to Optimize the Production Line Efficiency. <i>International Journal of Swarm Intelligence and Evolutionary Computation</i> , 2016, 05, .	0.4	1
47	Energy efficient of the residential buildings based climatic condition using experimental design: a case study in malaysia. <i>MATEC Web of Conferences</i> , 2017, 131, 04010.	0.1	0