

Ruzelan Khalid

List of Publications by Year in descending order

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31
papers

163
citations

1477746

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#	ARTICLE	IF	CITATIONS
1	Environmental efficiency under weak disposability: an improved super efficiency data envelopment analysis model with application for assessment of port operations considering NetZero. <i>Environment, Development and Sustainability</i> , 2023, 25, 6627-6656.	2.7	9
2	An integrated bi-objective data envelopment analysis model for measuring returns to scale. <i>European Journal of Operational Research</i> , 2022, 296, 967-979.	3.5	15
3	Applying Discrete Event Simulation to Reduce Patient Wait Times and Crowding: The Case of a Specialist Outpatient Clinic with Dual Practice System. <i>Healthcare (Switzerland)</i> , 2022, 10, 189.	1.0	5
4	Modeling in Healthcare: Selection of Simulation Types. <i>Universal Journal of Public Health</i> , 2021, 9, 401-409.	0.0	1
5	Optimal routing of pedestrian flow in a complex topological network with multiple entrances and exits. <i>International Journal of Systems Science</i> , 2020, 51, 1325-1352.	3.7	3
6	Estimating the return to scale of an integer-valued data envelopment analysis model: efficiency assessment of a higher education institution. <i>Arab Journal of Basic and Applied Sciences</i> , 2019, 26, 144-152.	1.0	11
7	Measuring the efficiency of community colleges using super efficiency approach for the case of non-discretionary factors in data envelopment analysis with sensitivity analysis. <i>International Journal of Process Management and Benchmarking</i> , 2019, 9, 149.	0.1	6
8	Measuring the Efficiency of Community Colleges Using Super Efficiency Approach for the Case of Non-discretionary Factors in Data Envelopment Analysis with Sensitivity Analysis. <i>International Journal of Process Management and Benchmarking</i> , 2019, 9, 1.	0.1	1
9	Developing a two-stage approach of super efficiency slack-based measure in the presence of non-discretionary factors and mixed integer-valued data envelopment analysis. <i>Expert Systems With Applications</i> , 2018, 103, 14-24.	4.4	29
10	Analyzing and Optimizing Pedestrian Flow through a Single Route in a Topological Network. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 43.	0.2	1
11	Modelling The Effect of Changing Point Systems to Teamsâ€™ Competition Standing in A Malaysian Soccer Super League. <i>Journal of Physics: Conference Series</i> , 2018, 1020, 012002.	0.3	1
12	Extended optimal stochastic production control model with application to economics. <i>Journal of Intelligent and Fuzzy Systems</i> , 2017, 32, 1847-1854.	0.8	2
13	Developing a discrete event simulation model for university student shuttle buses. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
14	Evaluating decision-making units under uncertainty using fuzzy multi-objective nonlinear programming. <i>Infor</i> , 2017, 55, 1-15.	0.5	0
15	Green supply chain: Simulating road traffic congestion. <i>Journal of Physics: Conference Series</i> , 2017, 890, 012111.	0.3	1
16	Optimal production cycle time for inventory model with linear time dependent exponential distributed deterioration. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 30, 1243-1248.	0.8	5
17	Analyzing and optimizing pedestrian flow through a topological network based on M/G/C/C and network flow approaches. <i>Journal of Advanced Transportation</i> , 2016, 50, 96-119.	0.9	10
18	The evaluation of pedestriansâ€™ behavior using M/G/C/C analytical, weighted distance and real distance simulation models. <i>Discrete Event Dynamic Systems: Theory and Applications</i> , 2016, 26, 439-476.	0.6	5

#	ARTICLE	IF	CITATIONS
19	A HYBRID INTEGER DATA ENVELOPMENT ANALYSIS BASED ON AN ALTERNATIVE APPROACH OF SUPER SLACK BASED MEASURE FOR MEASURING SUPER EFFICIENCY AND INEFFICIENCY OF DECISION MAKING UNITS. Far East Journal of Mathematical Sciences, 2016, 100, 147-170.	0.0	6
20	Investigating data envelopment analysis model with potential improvement for integer output values. AIP Conference Proceedings, 2015, , .	0.3	3
21	Optimizing the throughput of an M/G/C/C topological network. AIP Conference Proceedings, 2015, , .	0.3	0
22	Performance Evaluation of Heuristic Methods in Solving Symmetric Travelling Salesman Problems. Journal of Artificial Intelligence, 2015, 9, 12-22.	0.7	2
23	Optimal control of a continuous review production inventory system with Gamma distributed deterioration. Journal of Intelligent and Fuzzy Systems, 2014, 27, 2937-2948.	0.8	2
24	Queuing network approach for building evacuation planning. , 2014, , .		2
25	Rating competitors before tournament starts: How it's affecting team progression in a soccer tournament. AIP Conference Proceedings, 2014, , .	0.3	2
26	Modified reactive tabu search for the symmetric traveling salesman problems. , 2013, , .		2
27	Simulated annealing with probabilistic analysis for solving traveling salesman problems. , 2013, , .		1
28	A Discrete Event Simulation Model for Evaluating the Performances of an M/G/C/C State Dependent Queuing System. PLoS ONE, 2013, 8, e58402.	1.1	26
29	An improved tabu search for solving symmetric traveling salesman problems. , 2011, , .		5
30	Combining Simulation and Animation of Queueing Scenarios in a Flash-Based Discrete Event Simulator. Lecture Notes in Business Information Processing, 2009, , 240-251.	0.8	0
31	A Discrete Event Simulation Analysis of the Bullwhip Effect in a Multi-Product and Multi-Echelon Supply Chain of Fast Moving Consumer Goods. Pakistan Journal of Statistics and Operation Research, 0, , 561-576.	1.1	6