

Doraid Dalalah

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

713
citations

932766

10
h-index

552369

26
g-index

43
all docs

43
docs citations

43
times ranked

706
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of red blood cell inventory: a bloodâ€™type compatibilityâ€™preference and emergency model. International Transactions in Operational Research, 2023, 30, 239-272.	1.8	3
2	The Critical Risk Factors that Influence Production-oriented Projects in the United Arab Emirates: A â€™Best-worst Methodâ€™ (BWM) Analysis. EMJ - Engineering Management Journal, 2023, 35, 144-160.	1.4	6
3	On perishable inventory in healthcare: random expiration dates and age discriminated demand. Journal of Simulation, 2022, 16, 458-479.	1.0	4
4	Pricing and demand management of air tickets using a multiplicative newsvendor model. Journal of Revenue and Pricing Management, 2022, 21, 517-528.	0.7	3
5	Optimization of maintenance tasks of spatially distributed assets with non-preemptive overtime. International Journal of Management Science and Engineering Management, 2022, 17, 279-294.	2.6	3
6	An integrated framework for the assessment of environmental sustainability in wood supply chains. Environmental Technology and Innovation, 2022, 27, 102429.	3.0	14
7	Voluntary overbooking in commercial airline reservations. Journal of Air Transport Management, 2020, 86, 101835.	2.4	9
8	Platelets inventory management: A rolling horizon Simâ€™Opt approach for an age-differentiated demand. Journal of Simulation, 2019, 13, 209-225.	1.0	10
9	Risk premiums and certainty equivalents of loss-averse newsvendors of bounded utility. Journal of Industrial Engineering International, 2019, 15, 667-678.	1.8	3
10	Benchmarking of Six Sigma in telecom services. Benchmarking, 2019, 26, 1799-1822.	2.9	7
11	Newsvendor revisited: risk premiums of loss aversion. Production and Manufacturing Research, 2018, 6, 201-224.	0.9	1
12	Benchmarking the utility theory: a data envelopment approach. Benchmarking, 2017, 24, 318-340.	2.9	7
13	A heuristic for clustering and picking small items considering safe reach of the order picker. European Journal of Industrial Engineering, 2017, 11, 256.	0.5	8
14	Management of age differentiated perishable inventory. , 2017, , .		1
15	Predictive decision making under risk and uncertainty: A support vector machines model. RAIRO - Operations Research, 2017, 51, 639-667.	1.0	1
16	A stochastic non-expected utility for modelling human errors of certainty equivalents. International Journal of Applied Decision Sciences, 2016, 9, 307.	0.2	3
17	A closed-loop supply chain management problem: Reformulation and piecewise linearization. Journal of Manufacturing Systems, 2016, 40, 1-8.	7.6	50
18	The beta stochastic utility (\hat{I}^2 -SU). Stochastic Analysis and Applications, 2016, 34, 456-482.	0.9	4

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19	A precision-to-tolerance ratio model for the assessment of measurements uncertainty. Precision Engineering, 2016, 44, 143-151.	1.8	10
20	On the actual and observed process capability indices: A signal-to-noise ratio model. Measurement: Journal of the International Measurement Confederation, 2016, 81, 241-250.	2.5	7
21	LSP-Constrained Supply Chains: A Discrete Event Simulation Model. RAIRO - Operations Research, 2015, 49, 845-861.	1.0	1
22	Proportional fairness: more secrets revealed. International Journal of Communication Systems, 2015, 28, 2122-2144.	1.6	0
23	Repeatability and reproducibility in med labs: a procedure to measurement system analysis. IET Science, Measurement and Technology, 2015, 9, 826-835.	0.9	9
24	Waste minimization in irregular stock cutting. Journal of Manufacturing Systems, 2014, 33, 27-40.	7.6	15
25	Assessment of wind energy potential for selected areas in Jordan. Renewable Energy, 2013, 59, 75-81.	4.3	77
26	Cost driven traffic assignment in transportation networks. International Journal of Modelling in Operations Management, 2013, 3, 219.	0.0	0
27	Mutually Dependent Multi-criteria Decision Making. Fuzzy Information and Engineering, 2012, 4, 195-216.	1.0	11
28	Dynamic programming model for multi-stage single-product Kanban-controlled serial production line. Journal of Intelligent Manufacturing, 2012, 23, 37-48.	4.4	13
29	Optimal Configuration for Design of Stand-Alone PV System. Smart Grid and Renewable Energy, 2012, 03, 139-147.	0.7	64
30	A fuzzy multi-criteria decision making model for supplier selection. Expert Systems With Applications, 2011, 38, 8384-8391.	4.4	291
31	Decentralized Work-In-Process Optimization in Cooperative Resource Allocation. , 2011, , .		0
32	Strategy for optimising cutting parameters in the dry turning of 6061-T6 aluminium alloy based on design of experiments and the generalised pattern search algorithm. International Journal of Machining and Machinability of Materials, 2010, 7, 39.	0.1	11
33	Real-time optimization flow control. Computer Networks, 2010, 54, 797-810.	3.2	4
34	Dynamic decentralised balancing of CONWIP production systems. International Journal of Production Research, 2010, 48, 3925-3941.	4.9	6
35	Duality of the improved algebraic method (DIAM). Omega, 2009, 37, 1027-1035.	3.6	3
36	A fuzzy logic approach to the selection of the best silicon crystal slicing technology. Expert Systems With Applications, 2009, 36, 3712-3719.	4.4	21

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37	Piecewise parametric polynomial fuzzy sets. International Journal of Approximate Reasoning, 2009, 50, 1081-1096.	1.9	9
38	A hybrid DEMATEL-TOPSIS Multi-Criteria Decision Making model. , 2009, , .		2
39	Modeling End-to-End Wireless Lossy Channels: A Finite-State Markov Approach. IEEE Transactions on Wireless Communications, 2008, 7, 1236-1243.	6.1	11
40	Optimization Flow Control: A Queue Proportional Algorithm. , 2008, , .		2
41	Optimization flow control: A queue proportional algorithm. , 2008, , .		0
42	A Remote Fuzzy Multicriteria Diagnosis of Sore Throat. Telemedicine Journal and E-Health, 2008, 14, 656-665.	1.6	7
43	A support vector machine model for due date assignment in manufacturing operations. Journal of Industrial and Production Engineering, 0, , 1-18.	2.1	2