

# 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	A fuzzy multi-criteria decision making model for supplier selection. <i>Expert Systems With Applications</i> , 2011, 38, 8384-8391.	4.4	291
2	Assessment of wind energy potential for selected areas in Jordan. <i>Renewable Energy</i> , 2013, 59, 75-81.	4.3	77
3	Optimal Configuration for Design of Stand-Alone PV System. <i>Smart Grid and Renewable Energy</i> , 2012, 03, 139-147.	0.7	64
4	A closed-loop supply chain management problem: Reformulation and piecewise linearization. <i>Journal of Manufacturing Systems</i> , 2016, 40, 1-8.	7.6	50
5	A fuzzy logic approach to the selection of the best silicon crystal slicing technology. <i>Expert Systems With Applications</i> , 2009, 36, 3712-3719.	4.4	21
6	Waste minimization in irregular stock cutting. <i>Journal of Manufacturing Systems</i> , 2014, 33, 27-40.	7.6	15
7	An integrated framework for the assessment of environmental sustainability in wood supply chains. <i>Environmental Technology and Innovation</i> , 2022, 27, 102429.	3.0	14
8	Dynamic programming model for multi-stage single-product Kanban-controlled serial production line. <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 37-48.	4.4	13
9	Modeling End-to-End Wireless Lossy Channels: A Finite-State Markov Approach. <i>IEEE Transactions on Wireless Communications</i> , 2008, 7, 1236-1243.	6.1	11
10	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. <i>International Journal of Machining and Machinability of Materials</i> , 2010, 7, 39.	0.1	11
11	Mutually Dependent Multi-criteria Decision Making. <i>Fuzzy Information and Engineering</i> , 2012, 4, 195-216.	1.0	11
12	A precision-to-tolerance ratio model for the assessment of measurements uncertainty. <i>Precision Engineering</i> , 2016, 44, 143-151.	1.8	10
13	Platelets inventory management: A rolling horizon Simû“Opt approach for an age-differentiated demand. <i>Journal of Simulation</i> , 2019, 13, 209-225.	1.0	10
14	Piecewise parametric polynomial fuzzy sets. <i>International Journal of Approximate Reasoning</i> , 2009, 50, 1081-1096.	1.9	9
15	Repeatability and reproducibility in med labs: a procedure to measurement system analysis. <i>IET Science, Measurement and Technology</i> , 2015, 9, 826-835.	0.9	9
16	Voluntary overbooking in commercial airline reservations. <i>Journal of Air Transport Management</i> , 2020, 86, 101835.	2.4	9
17	A heuristic for clustering and picking small items considering safe reach of the order picker. <i>European Journal of Industrial Engineering</i> , 2017, 11, 256.	0.5	8
18	A Remote Fuzzy Multicriteria Diagnosis of Sore Throat. <i>Telemedicine Journal and E-Health</i> , 2008, 14, 656-665.	1.6	7

#	ARTICLE	IF	CITATIONS
19	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
20	Benchmarking the utility theory: a data envelopment approach. Benchmarking, 2017, 24, 318-340.	2.9	7
21	Benchmarking of Six Sigma in telecom services. Benchmarking, 2019, 26, 1799-1822.	2.9	7
22	Dynamic decentralised balancing of CONWIP production systems. International Journal of Production Research, 2010, 48, 3925-3941.	4.9	6
23	The Critical Risk Factors that Influence Production-oriented Projects in the United Arab Emirates: A "Best-worst Method"™ (BWM) Analysis. EMJ - Engineering Management Journal, 2023, 35, 144-160.	1.4	6
24	Real-time optimization flow control. Computer Networks, 2010, 54, 797-810.	3.2	4
25	The beta stochastic utility ( $\hat{I}^2$ -SU). Stochastic Analysis and Applications, 2016, 34, 456-482.	0.9	4
26	On perishable inventory in healthcare: random expiration dates and age discriminated demand. Journal of Simulation, 2022, 16, 458-479.	1.0	4
27	Duality of the improved algebraic method (DIAM). Omega, 2009, 37, 1027-1035.	3.6	3
28	A stochastic non-expected utility for modelling human errors of certainty equivalents. International Journal of Applied Decision Sciences, 2016, 9, 307.	0.2	3
29	Risk premiums and certainty equivalents of loss-averse newsvendors of bounded utility. Journal of Industrial Engineering International, 2019, 15, 667-678.	1.8	3
30	Optimization of red blood cell inventory: a blood-type compatibility preference and emergency model. International Transactions in Operational Research, 2023, 30, 239-272.	1.8	3
31	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
32	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
33	Optimization Flow Control: A Queue Proportional Algorithm. , 2008, , .		2
34	A hybrid DEMATEL-TOPSIS Multi-Criteria Decision Making model. , 2009, , .		2
35	A support vector machine model for due date assignment in manufacturing operations. Journal of Industrial and Production Engineering, 0, , 1-18.	2.1	2
36	LSP-Constrained Supply Chains: A Discrete Event Simulation Model. RAIRO - Operations Research, 2015, 49, 845-861.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Management of age differentiated perishable inventory. , 2017, , .		1
38	Predictive decision making under risk and uncertainty: A support vector machines model. RAIRO - Operations Research, 2017, 51, 639-667.	1.0	1
39	Newsvendor revisited: risk premiums of loss aversion. Production and Manufacturing Research, 2018, 6, 201-224.	0.9	1
40	Optimization flow control: A queue proportional algorithm. , 2008, , .		0
41	Cost driven traffic assignment in transportation networks. International Journal of Modelling in Operations Management, 2013, 3, 219.	0.0	0
42	Proportional fairness: more secrets revealed. International Journal of Communication Systems, 2015, 28, 2122-2144.	1.6	0
43	Decentralized Work-In-Process Optimization in Cooperative Resource Allocation. , 2011, , .		0