

Jafar Rezaei

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

9,869
citations

66234

42
h-index

38300

95
g-index

119
all docs

119
docs citations

119
times ranked

4542
citing authors

#	ARTICLE	IF	CITATIONS
1	Best-worst multi-criteria decision-making method. <i>Omega</i> , 2015, 53, 49-57.	3.6	2,372
2	Best-worst multi-criteria decision-making method: Some properties and a linear model. <i>Omega</i> , 2016, 64, 126-130.	3.6	1,065
3	A supplier selection life cycle approach integrating traditional and environmental criteria using the best worst method. <i>Journal of Cleaner Production</i> , 2016, 135, 577-588.	4.6	447
4	Assessing the social sustainability of supply chains using Best Worst Method. <i>Resources, Conservation and Recycling</i> , 2017, 126, 99-106.	5.3	392
5	Linking supplier development to supplier segmentation using Best Worst Method. <i>Expert Systems With Applications</i> , 2015, 42, 9152-9164.	4.4	303
6	Measuring the relative importance of the logistics performance index indicators using Best Worst Method. <i>Transport Policy</i> , 2018, 68, 158-169.	3.4	208
7	Bayesian best-worst method: A probabilistic group decision making model. <i>Omega</i> , 2020, 96, 102075.	3.6	205
8	Evaluation of the external forces affecting the sustainability of oil and gas supply chain using Best Worst Method. <i>Journal of Cleaner Production</i> , 2017, 153, 242-252.	4.6	193
9	Quality assessment of airline baggage handling systems using SERVQUAL and BWM. <i>Tourism Management</i> , 2018, 66, 85-93.	5.8	179
10	Evaluating firms' R&D performance using best worst method. <i>Evaluation and Program Planning</i> , 2018, 66, 147-155.	0.9	177
11	Consistency issues in the best worst method: Measurements and thresholds. <i>Omega</i> , 2020, 96, 102175.	3.6	173
12	Multi-criteria supplier segmentation using a fuzzy preference relations based AHP. <i>European Journal of Operational Research</i> , 2013, 225, 75-84.	3.5	164
13	A grey-based green supplier selection model for uncertain environments. <i>Journal of Cleaner Production</i> , 2019, 221, 768-784.	4.6	162
14	Supplier selection in the airline retail industry using a funnel methodology: Conjunctive screening method and fuzzy AHP. <i>Expert Systems With Applications</i> , 2014, 41, 8165-8179.	4.4	159
15	Bioethanol facility location selection using best-worst method. <i>Applied Energy</i> , 2019, 242, 612-623.	5.1	148
16	Critical success factors for a circular economy: Implications for business strategy and the environment. <i>Business Strategy and the Environment</i> , 2020, 29, 3611-3635.	8.5	148
17	Multi-objective models for lot-sizing with supplier selection. <i>International Journal of Production Economics</i> , 2011, 130, 77-86.	5.1	146
18	Barriers and overcoming strategies to supply chain sustainability innovation. <i>Resources, Conservation and Recycling</i> , 2020, 161, 104819.	5.3	134

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19	Selection of biomass thermochemical conversion technology in the Netherlands: A best worst method approach. <i>Journal of Cleaner Production</i> , 2017, 166, 32-39.	4.6	128
20	Circular economy practices in the leather industry: A practical step towards sustainable development. <i>Journal of Cleaner Production</i> , 2020, 251, 119737.	4.6	123
21	A deterministic, multi-item inventory model with supplier selection and imperfect quality. <i>Applied Mathematical Modelling</i> , 2008, 32, 2106-2116.	2.2	106
22	Measuring efficiency of university-industry Ph.D. projects using best worst method. <i>Scientometrics</i> , 2016, 109, 1911-1938.	1.6	106
23	Multi-criteria decision-making for complex bundling configurations in surface transportation of air freight. <i>Journal of Air Transport Management</i> , 2017, 61, 95-105.	2.4	100
24	A Concentration Ratio for Nonlinear Best Worst Method. <i>International Journal of Information Technology and Decision Making</i> , 2020, 19, 891-907.	2.3	93
25	Entrepreneurial orientation and firm performance: the mediating role of functional performances. <i>Management Research Review</i> , 2018, 41, 878-900.	1.5	92
26	A multi-variable approach to supplier segmentation. <i>International Journal of Production Research</i> , 2012, 50, 4593-4611.	4.9	82
27	A multiplicative best-worst method for multi-criteria decision making. <i>Operations Research Letters</i> , 2019, 47, 12-15.	0.5	74
28	Photovoltaic technology selection: A fuzzy MCDM approach. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 32, 662-670.	8.2	73
29	A joint pricing, lot-sizing, and supplier selection model. <i>International Journal of Production Research</i> , 2012, 50, 4524-4542.	4.9	70
30	Commitment to and preparedness for sustainable supply chain management in the oil and gas industry. <i>Journal of Environmental Management</i> , 2016, 180, 202-213.	3.8	66
31	Supplier segmentation using fuzzy logic. <i>Industrial Marketing Management</i> , 2013, 42, 507-517.	3.7	62
32	Realizing smart meter connectivity: Analyzing the competing technologies Power line communication, mobile telephony, and radio frequency using the best worst method. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 103, 320-327.	8.2	62
33	A rule-based multi-criteria approach to inventory classification. <i>International Journal of Production Research</i> , 2010, 48, 7107-7126.	4.9	59
34	How SMEs can benefit from supply chain partnerships. <i>International Journal of Production Research</i> , 2015, 53, 1527-1543.	4.9	58
35	The Battle between Battery and Fuel Cell Powered Electric Vehicles: A BWM Approach. <i>Energies</i> , 2017, 10, 1707.	1.6	58
36	Economic order quantity for growing items. <i>International Journal of Production Economics</i> , 2014, 155, 109-113.	5.1	56

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37	Cost-benefit Analysis (CBA), or Multi-criteria Decision-making (MCDM) or Both: Politicians's Perspective in Transport Policy Appraisal. <i>Transportation Research Procedia</i> , 2015, 10, 788-797.	0.8	54
38	An improved fuzzy preference programming to evaluate entrepreneurship orientation. <i>Applied Soft Computing Journal</i> , 2013, 13, 2749-2758.	4.1	52
39	Port performance measurement in the context of port choice: an MCDA approach. <i>Management Decision</i> , 2019, 57, 396-417.	2.2	51
40	Multicriteria Green Supplier Segmentation. <i>IEEE Transactions on Engineering Management</i> , 2017, 64, 515-528.	2.4	50
41	Economic order quantity and purchasing price for items with imperfect quality when inspection shifts from buyer to supplier. <i>International Journal of Production Economics</i> , 2012, 137, 11-18.	5.1	48
42	A Systematic Review of Multi-criteria Decision-making Applications in Reverse Logistics. <i>Transportation Research Procedia</i> , 2015, 10, 766-776.	0.8	48
43	Ensemble ranking: Aggregation of rankings produced by different multi-criteria decision-making methods. <i>Omega</i> , 2020, 96, 102254.	3.6	44
44	Hinterland freight transportation replanning model under the framework of synchromodality. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 131, 308-328.	3.7	43
45	Piecewise linear value functions for multi-criteria decision-making. <i>Expert Systems With Applications</i> , 2018, 98, 43-56.	4.4	42
46	An integrative framework for sustainable supply chain management practices in the oil and gas industry. <i>Journal of Environmental Planning and Management</i> , 2017, 60, 577-601.	2.4	41
47	Incorporating the travellers's experience value in assessing the quality of transit nodes: A Rotterdam case study. <i>Case Studies on Transport Policy</i> , 2018, 6, 564-576.	1.1	40
48	Sustainable product's package design in a food supply chain: A multi-criteria life cycle approach. <i>Packaging Technology and Science</i> , 2019, 32, 85-101.	1.3	40
49	Supporting Decision Making in Technology Standards Battles Based on a Fuzzy Analytic Hierarchy Process. <i>IEEE Transactions on Engineering Management</i> , 2014, 61, 336-348.	2.4	39
50	The influence of external factors on supply chain sustainability goals of the oil and gas industry. <i>Resources Policy</i> , 2016, 49, 302-314.	4.2	38
51	Standards battles for business-to-government data exchange: Identifying success factors for standard dominance using the Best Worst Method. <i>Technological Forecasting and Social Change</i> , 2018, 137, 182-189.	6.2	38
52	Economic order quantity and sampling inspection plans for imperfect items. <i>Computers and Industrial Engineering</i> , 2016, 96, 1-7.	3.4	37
53	Residential grid storage technology battles: a multi-criteria analysis using BWM. <i>Technology Analysis and Strategic Management</i> , 2019, 31, 40-52.	2.0	37
54	Measuring entrepreneurship: Expert-based vs. data-based methodologies. <i>Expert Systems With Applications</i> , 2012, 39, 4063-4074.	4.4	34

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55	Towards a balanced E-Participation Index: Integrating government and society perspectives. Government Information Quarterly, 2019, 36, 101404.	4.0	34
56	Segmenting supplies and suppliers: bringing together the purchasing portfolio matrix and the supplier potential matrix. International Journal of Logistics Research and Applications, 2019, 22, 419-436.	5.6	34
57	Freight service network design with heterogeneous preferences for transport time and reliability. Transportation Research, Part E: Logistics and Transportation Review, 2019, 124, 1-12.	3.7	31
58	How to Weigh Values in Value Sensitive Design: A Best Worst Method Approach for the Case of Smart Metering. Science and Engineering Ethics, 2020, 26, 475-494.	1.7	31
59	Measuring the Importance of Decision-Making Criteria in Biofuel Production Technology Selection. IEEE Transactions on Engineering Management, 2021, 68, 483-497.	2.4	30
60	A two-way approach to supply chain partner selection. International Journal of Production Research, 2015, 53, 4888-4902.	4.9	28
61	The Role of Ecosystem Data Governance in Adoption of Data Platforms by Internet-of-Things Data Providers: Case of Dutch Horticulture Industry. IEEE Transactions on Engineering Management, 2022, 69, 940-950.	2.4	28
62	The potential of horizontal collaboration in airport ground freight services. Journal of Air Transport Management, 2014, 40, 169-181.	2.4	25
63	Supply chain drivers, partnerships and performance of high-tech SMEs. International Journal of Productivity and Performance Management, 2018, 67, 629-653.	2.2	25
64	Evaluating and comparing ontology alignment systems: An MCDM approach. Web Semantics, 2020, 64, 100592.	2.2	25
65	Wind turbine technology battles: Gearbox versus direct drive - opening up the black box of technology characteristics. Technological Forecasting and Social Change, 2020, 153, 119933.	6.2	25
66	Shippers' willingness to delegate modal control in freight transportation. Transportation Research, Part E: Logistics and Transportation Review, 2020, 141, 102027.	3.7	21
67	Anchoring bias in eliciting attribute weights and values in multi-attribute decision-making. Journal of Decision Systems, 2021, 30, 72-96.	2.2	21
68	A decision support system for detecting and handling biased decision-makers in multi criteria group decision-making problems. Expert Systems With Applications, 2021, 171, 114597.	4.4	21
69	An information architecture to enable track-and-trace capability in Physical Internet ports. Computers in Industry, 2021, 129, 103443.	5.7	21
70	Economic order quantity model with backorder for imperfect quality items. , 0, , .		20
71	Solving the constrained p-center problem using heuristic algorithms. Applied Soft Computing Journal, 2011, 11, 3321-3328.	4.1	20
72	Inland terminal location selection using the multi-stakeholder best-worst method. International Journal of Logistics Research and Applications, 2024, 27, 363-385.	5.6	20

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73	Corn cultivation location selection for bioethanol production: An application of BWM and extended PROMETHEE II. <i>Energy</i> , 2021, 228, 120593.	4.5	20
74	Evaluating center-seeking and initialization bias: The case of particle swarm and gravitational search algorithms. <i>Information Sciences</i> , 2014, 278, 802-821.	4.0	19
75	Evaluation of external forces affecting supply chain sustainability in oil and gas industry using Best Worst Method. , 2015, , .		19
76	Importance of factors driving firms' decisions on spatial distribution structures. <i>International Journal of Logistics Research and Applications</i> , 2020, 23, 24-43.	5.6	18
77	Evaluation of factors contributing to the failure of information systems in public universities: The case of Iran. <i>Information Systems</i> , 2020, 92, 101534.	2.4	18
78	Platform selection for complex systems: Building automation systems. <i>Journal of Systems Science and Systems Engineering</i> , 2014, 23, 415-438.	0.8	17
79	A multi-objective model for lot-sizing with supplier selection for an assembly system. <i>International Journal of Logistics Research and Applications</i> , 2016, 19, 125-142.	5.6	17
80	Sustainable Location Selection of Data Centers: Developing a Multi-Criteria Set-Covering Decision-Making Methodology. <i>International Journal of Information Technology and Decision Making</i> , 2020, 19, 741-773.	2.3	17
81	Convex hull ranking algorithm for multi-objective evolutionary algorithms. <i>Scientia Iranica</i> , 2011, 18, 1435-1442.	0.3	16
82	Multi-criteria university selection: Formulation and implementation using a fuzzy AHP. <i>Journal of Systems Science and Systems Engineering</i> , 2015, 24, 293-315.	0.8	16
83	Equalizing bias in eliciting attribute weights in multiattribute decision-making: experimental research. <i>Journal of Behavioral Decision Making</i> , 2022, 35, .	1.0	16
84	Port performance evaluation and selection in the Physical Internet. <i>Transport Policy</i> , 2022, 124, 83-94.	3.4	15
85	Embedding carbon impact assessment in multi-criteria supplier segmentation using ELECTRE TRI-rC. <i>Annals of Operations Research</i> , 2022, 312, 1445-1467.	2.6	14
86	A Bayesian Best-Worst Method-Based Multicriteria Competence Analysis of Crowdsourcing Delivery Personnel. <i>Complexity</i> , 2020, 2020, 1-17.	0.9	14
87	Heterogeneous Valuation of Quality Dimensions of Railway Freight Service by Chinese Shippers: Choice-Based Conjoint Analysis. <i>Transportation Research Record</i> , 2016, 2546, 9-16.	1.0	13
88	Food supply chain coordination for growing items: A trade-off between market coverage and cost-efficiency. <i>International Journal of Production Economics</i> , 2021, 242, 108289.	5.1	13
89	Customers' preferences for freight service attributes of China Railway Express. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 142, 225-236.	2.0	12
90	Optimal ABC inventory classification using interval programming. <i>International Journal of Systems Science</i> , 2015, 46, 1944-1952.	3.7	11

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91	On the evolution of maritime ports towards the Physical Internet. <i>Futures</i> , 2021, 134, 102834.	1.4	11
92	Belief-Based Best Worst Method. <i>International Journal of Information Technology and Decision Making</i> , 2021, 20, 287-320.	2.3	11
93	The Balancing Role of Best and Worst in Best-Worst Method. , 2022, , 1-15.		11
94	Genetic Algorithm for Inventory Lot-Sizing with Supplier Selection Under Fuzzy Demand and Costs. <i>Lecture Notes in Computer Science</i> , 2006, , 1100-1110.	1.0	9
95	Dynamic pricing and inventory control policies in a food supply chain of growing and deteriorating items. <i>Annals of Operations Research</i> , 0, , 1.	2.6	9
96	The Physical Internet and Maritime Ports: Ready for the Future?. <i>IEEE Engineering Management Review</i> , 2021, 49, 136-149.	1.0	7
97	Analyzing anchoring bias in attribute weight elicitation of SMART, Swing, and best-worst method. <i>International Transactions in Operational Research</i> , 2024, 31, 918-948.	1.8	7
98	University Relationship Management. <i>IEEE Engineering Management Review</i> , 2018, 46, 121-132.	1.0	5
99	Co-procurement: making the most of collaborative procurement. <i>International Journal of Production Research</i> , 2020, 58, 4529-4540.	4.9	5
100	Information sharing to mitigate delays in port: the case of the Port of Rotterdam. <i>Maritime Economics and Logistics</i> , 2023, 25, 576-601.	2.0	5
101	A note on multi-criteria inventory classification using weighted linear optimization. <i>Yugoslav Journal of Operations Research</i> , 2010, 20, 293-299.	0.5	4
102	Accelerating convergence towards the optimal pareto front. , 2011, , .		3
103	A Genetic Algorithm for the Constrained Coverage Problem. <i>Advances in Intelligent and Soft Computing</i> , 2009, , 347-356.	0.2	3
104	Two Multi-criteria Approaches to Supplier Segmentation. <i>International Federation for Information Processing</i> , 2012, , 317-325.	0.4	3
105	Editorial: Special issue: Multiple Criteria Decision Making in Air Transport Management. <i>Journal of Air Transport Management</i> , 2018, 68, 1-3.	2.4	2
106	Advisory-Based Time Slot Management System to Mitigate Waiting Time at Container Terminal Gates. <i>Transportation Research Record</i> , 2022, 2676, 656-669.	1.0	2
107	Multi-item Fuzzy Inventory Model with Three Constraints: Genetic Algorithm Approach. <i>Lecture Notes in Computer Science</i> , 2005, , 1120-1125.	1.0	1
108	A sectoral perspective on distribution structure design. <i>International Journal of Logistics Research and Applications</i> , 2020, , 1-29.	5.6	1

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109	An Inventory Control Model with Price-Demand Relationship in a Fuzzy Environment. SSRN Electronic Journal, 0, , .	0.4	1
110	Sustainable supplier selection: a process view. , 2019, , .		1
111	A Matchmaking Assignment Model for Supply Chain Partnership. Lecture Notes in Logistics, 2016, , 577-586.	0.6	1
112	Hierarchical Evaluation of Criteria and Alternatives Within BWM: A Monte Carlo Approach. , 2022, , 16-28.		1
113	Shippersâ€™ willingness to use flexible transportation services. Transportation Research, Part A: Policy and Practice, 2022, 160, 1-20.	2.0	1
114	Influence of external forces on supply chain sustainability goals and decisions in the oil and gas industry. , 2013, , .		0
115	University relationship management: An introductory overview. , 2013, , .		0
116	A High Accuracy Method for Rapid Measurement of Resulted Code Pattern Radial Runout of Rotary Optical Encoder Disc. Communications in Computer and Information Science, 2011, , 36-49.	0.4	0
117	A Value-Focused Approach for the Design of Innovative Logistics Concepts: The Case of Off-Peak Pickup and Delivery in the Air Cargo Industry. , 2022, , 110-129.		0