

Jafar Rezaei

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

9,869
citations

66315

42
h-index

38368

95
g-index

119
all docs

119
docs citations

119
times ranked

4542
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Analyzing anchoring bias in attribute weight elicitation of SMART, Swing, and best-worst method. International Transactions in Operational Research, 2024, 31, 918-948.	1.8	7
3	Information sharing to mitigate delays in port: the case of the Port of Rotterdam. Maritime Economics and Logistics, 2023, 25, 576-601.	2.0	5
4	Embedding carbon impact assessment in multi-criteria supplier segmentation using ELECTRE TRI-rC. Annals of Operations Research, 2022, 312, 1445-1467.	2.6	14
5	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
6	Port performance evaluation and selection in the Physical Internet. Transport Policy, 2022, 124, 83-94.	3.4	15
7	Equalizing bias in eliciting attribute weights in multiattribute decision-making: experimental research. Journal of Behavioral Decision Making, 2022, 35, .	1.0	16
8	Hierarchical Evaluation of Criteria and Alternatives Within BWM: A Monte Carlo Approach. , 2022, , 16-28.		1
9	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
10	The Balancing Role of Best and Worst in Best-Worst Method. , 2022, , 1-15.		11
11	Shippers'™ willingness to use flexible transportation services. Transportation Research, Part A: Policy and Practice, 2022, 160, 1-20.	2.0	1
12	Advisory-Based Time Slot Management System to Mitigate Waiting Time at Container Terminal Gates. Transportation Research Record, 2022, 2676, 656-669.	1.0	2
13	Measuring the Importance of Decision-Making Criteria in Biofuel Production Technology Selection. IEEE Transactions on Engineering Management, 2021, 68, 483-497.	2.4	30
14	Anchoring bias in eliciting attribute weights and values in multi-attribute decision-making. Journal of Decision Systems, 2021, 30, 72-96.	2.2	21
15	The Physical Internet and Maritime Ports: Ready for the Future?. IEEE Engineering Management Review, 2021, 49, 136-149.	1.0	7
16	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
17	An information architecture to enable track-and-trace capability in Physical Internet ports. Computers in Industry, 2021, 129, 103443.	5.7	21
18	Corn cultivation location selection for bioethanol production: An application of BWM and extended PROMETHEE II. Energy, 2021, 228, 120593.	4.5	20

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19	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
20	On the evolution of maritime ports towards the Physical Internet. <i>Futures</i> , 2021, 134, 102834.	1.4	11
21	Belief-Based Best Worst Method. <i>International Journal of Information Technology and Decision Making</i> , 2021, 20, 287-320.	2.3	11
22	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
23	Bayesian best-worst method: A probabilistic group decision making model. <i>Omega</i> , 2020, 96, 102075.	3.6	205
24	How to Weigh Values in Value Sensitive Design: A Best Worst Method Approach for the Case of Smart Metering. <i>Science and Engineering Ethics</i> , 2020, 26, 475-494.	1.7	31
25	Consistency issues in the best worst method: Measurements and thresholds. <i>Omega</i> , 2020, 96, 102175.	3.6	173
26	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
27	Shippers' willingness to delegate modal control in freight transportation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 141, 102027.	3.7	21
28	A Bayesian Best-Worst Method-Based Multicriteria Competence Analysis of Crowdsourcing Delivery Personnel. <i>Complexity</i> , 2020, 2020, 1-17.	0.9	14
29	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
30	A sectoral perspective on distribution structure design. <i>International Journal of Logistics Research and Applications</i> , 2020, , 1-29.	5.6	1
31	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
32	Evaluating and comparing ontology alignment systems: An MCDM approach. <i>Web Semantics</i> , 2020, 64, 100592.	2.2	25
33	Co-procurement: making the most of collaborative procurement. <i>International Journal of Production Research</i> , 2020, 58, 4529-4540.	4.9	5
34	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
35	Barriers and overcoming strategies to supply chain sustainability innovation. <i>Resources, Conservation and Recycling</i> , 2020, 161, 104819.	5.3	134
36	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

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37	Wind turbine technology battles: Gearbox versus direct drive - opening up the black box of technology characteristics. <i>Technological Forecasting and Social Change</i> , 2020, 153, 119933.	6.2	25
38	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
39	Ensemble ranking: Aggregation of rankings produced by different multi-criteria decision-making methods. <i>Omega</i> , 2020, 96, 102254.	3.6	44
40	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
41	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
42	Towards a balanced E-Participation Index: Integrating government and society perspectives. <i>Government Information Quarterly</i> , 2019, 36, 101404.	4.0	34
43	Bioethanol facility location selection using best-worst method. <i>Applied Energy</i> , 2019, 242, 612-623.	5.1	148
44	A grey-based green supplier selection model for uncertain environments. <i>Journal of Cleaner Production</i> , 2019, 221, 768-784.	4.6	162
45	Freight service network design with heterogeneous preferences for transport time and reliability. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 124, 1-12.	3.7	31
46	A multiplicative best-worst method for multi-criteria decision making. <i>Operations Research Letters</i> , 2019, 47, 12-15.	0.5	74
47	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
48	Sustainable product-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	Segmenting supplies and suppliers: bringing together the purchasing portfolio matrix and the supplier potential matrix. <i>International Journal of Logistics Research and Applications</i> , 2019, 22, 419-436.	5.6	34
50	Port performance measurement in the context of port choice: an MCDA approach. <i>Management Decision</i> , 2019, 57, 396-417.	2.2	51
51	Sustainable supplier selection: a process view. , 2019, , .		1
52	Piecewise linear value functions for multi-criteria decision-making. <i>Expert Systems With Applications</i> , 2018, 98, 43-56.	4.4	42
53	Entrepreneurial orientation and firm performance: the mediating role of functional performances. <i>Management Research Review</i> , 2018, 41, 878-900.	1.5	92
54	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

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55	Supply chain drivers, partnerships and performance of high-tech SMEs. <i>International Journal of Productivity and Performance Management</i> , 2018, 67, 629-653.	2.2	25
56	Evaluating firms' R&D performance using best worst method. <i>Evaluation and Program Planning</i> , 2018, 66, 147-155.	0.9	177
57	Quality assessment of airline baggage handling systems using SERVQUAL and BWM. <i>Tourism Management</i> , 2018, 66, 85-93.	5.8	179
58	Incorporating the travellers' 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
59	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
60	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
61	University Relationship Management. <i>IEEE Engineering Management Review</i> , 2018, 46, 121-132.	1.0	5
62	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
63	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
64	Multicriteria Green Supplier Segmentation. <i>IEEE Transactions on Engineering Management</i> , 2017, 64, 515-528.	2.4	50
65	Assessing the social sustainability of supply chains using Best Worst Method. <i>Resources, Conservation and Recycling</i> , 2017, 126, 99-106.	5.3	392
66	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
67	The Battle between Battery and Fuel Cell Powered Electric Vehicles: A BWM Approach. <i>Energies</i> , 2017, 10, 1707.	1.6	58
68	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
69	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
70	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
71	Measuring efficiency of university-industry Ph.D. projects using best worst method. <i>Scientometrics</i> , 2016, 109, 1911-1938.	1.6	106
72	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

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73	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
74	Best-worst multi-criteria decision-making method: Some properties and a linear model. <i>Omega</i> , 2016, 64, 126-130.	3.6	1,065
75	Economic order quantity and sampling inspection plans for imperfect items. <i>Computers and Industrial Engineering</i> , 2016, 96, 1-7.	3.4	37
76	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
77	A Matchmaking Assignment Model for Supply Chain Partnership. <i>Lecture Notes in Logistics</i> , 2016, , 577-586.	0.6	1
78	Evaluation of external forces affecting supply chain sustainability in oil and gas industry using Best Worst Method. , 2015, , .		19
79	A two-way approach to supply chain partner selection. <i>International Journal of Production Research</i> , 2015, 53, 4888-4902.	4.9	28
80	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
81	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
82	A Systematic Review of Multi-criteria Decision-making Applications in Reverse Logistics. <i>Transportation Research Procedia</i> , 2015, 10, 766-776.	0.8	48
83	Linking supplier development to supplier segmentation using Best Worst Method. <i>Expert Systems With Applications</i> , 2015, 42, 9152-9164.	4.4	303
84	How SMEs can benefit from supply chain partnerships. <i>International Journal of Production Research</i> , 2015, 53, 1527-1543.	4.9	58
85	Best-worst multi-criteria decision-making method. <i>Omega</i> , 2015, 53, 49-57.	3.6	2,372
86	Optimal ABC inventory classification using interval programming. <i>International Journal of Systems Science</i> , 2015, 46, 1944-1952.	3.7	11
87	Platform selection for complex systems: Building automation systems. <i>Journal of Systems Science and Systems Engineering</i> , 2014, 23, 415-438.	0.8	17
88	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
89	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
90	Photovoltaic technology selection: A fuzzy MCDM approach. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 32, 662-670.	8.2	73

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91	The potential of horizontal collaboration in airport ground freight services. <i>Journal of Air Transport Management</i> , 2014, 40, 169-181.	2.4	25
92	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
93	Economic order quantity for growing items. <i>International Journal of Production Economics</i> , 2014, 155, 109-113.	5.1	56
94	An improved fuzzy preference programming to evaluate entrepreneurship orientation. <i>Applied Soft Computing Journal</i> , 2013, 13, 2749-2758.	4.1	52
95	Supplier segmentation using fuzzy logic. <i>Industrial Marketing Management</i> , 2013, 42, 507-517.	3.7	62
96	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
97	Influence of external forces on supply chain sustainability goals and decisions in the oil and gas industry. , 2013, , .		0
98	University relationship management: An introductory overview. , 2013, , .		0
99	A joint pricing, lot-sizing, and supplier selection model. <i>International Journal of Production Research</i> , 2012, 50, 4524-4542.	4.9	70
100	A multi-variable approach to supplier segmentation. <i>International Journal of Production Research</i> , 2012, 50, 4593-4611.	4.9	82
101	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
102	Measuring entrepreneurship: Expert-based vs. data-based methodologies. <i>Expert Systems With Applications</i> , 2012, 39, 4063-4074.	4.4	34
103	Two Multi-criteria Approaches to Supplier Segmentation. <i>International Federation for Information Processing</i> , 2012, , 317-325.	0.4	3
104	Convex hull ranking algorithm for multi-objective evolutionary algorithms. <i>Scientia Iranica</i> , 2011, 18, 1435-1442.	0.3	16
105	Solving the constrained p-center problem using heuristic algorithms. <i>Applied Soft Computing Journal</i> , 2011, 11, 3321-3328.	4.1	20
106	Multi-objective models for lot-sizing with supplier selection. <i>International Journal of Production Economics</i> , 2011, 130, 77-86.	5.1	146
107	Accelerating convergence towards the optimal pareto front. , 2011, , .		3
108	A High Accuracy Method for Rapid Measurement of Resulted Code Pattern Radial Runout of Rotary Optical Encoder Disc. <i>Communications in Computer and Information Science</i> , 2011, , 36-49.	0.4	0

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109	A rule-based multi-criteria approach to inventory classification. International Journal of Production Research, 2010, 48, 7107-7126.	4.9	59
110	A note on multi-criteria inventory classification using weighted linear optimization. Yugoslav Journal of Operations Research, 2010, 20, 293-299.	0.5	4
111	A Genetic Algorithm for the Constrained Coverage Problem. Advances in Intelligent and Soft Computing, 2009, , 347-356.	0.2	3
112	A deterministic, multi-item inventory model with supplier selection and imperfect quality. Applied Mathematical Modelling, 2008, 32, 2106-2116.	2.2	106
113	Genetic Algorithm for Inventory Lot-Sizing with Supplier Selection Under Fuzzy Demand and Costs. Lecture Notes in Computer Science, 2006, , 1100-1110.	1.0	9
114	Multi-item Fuzzy Inventory Model with Three Constraints: Genetic Algorithm Approach. Lecture Notes in Computer Science, 2005, , 1120-1125.	1.0	1
115	Economic order quantity model with backorder for imperfect quality items. , 0, , .		20
116	Dynamic pricing and inventory control policies in a food supply chain of growing and deteriorating items. Annals of Operations Research, 0, , 1.	2.6	9
117	An Inventory Control Model with Price-Demand Relationship in a Fuzzy Environment. SSRN Electronic Journal, 0, , .	0.4	1