

Ashkan Hafezalkotob

List of Publications by Year in descending order

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Version: 2024-02-01

129
papers

3,734
citations

168829

31
h-index

182931

54
g-index

130
all docs

130
docs citations

130
times ranked

2896
citing authors

#	ARTICLE	IF	CITATIONS
1	The green supply chainsâ€™ ordering and pricing competition under carbon emissions regulations of the government. <i>International Journal of Systems Science: Operations and Logistics</i> , 2023, 10, .	2.0	3
2	Government intervention in municipal waste collection with a sustainable approach: a robust bi-level problem. <i>Environment, Development and Sustainability</i> , 2023, 25, 3323-3351.	2.7	2
3	Alternative governmental carbon policies on populations of green and non-green supply chains in a competitive market. <i>Environment, Development and Sustainability</i> , 2023, 25, 4139-4172.	2.7	8
4	Sustainable supply chain finance through digital platforms: a pathway to green entrepreneurship. <i>Annals of Operations Research</i> , 2023, 331, 285-319.	2.6	10
5	Developing a new model for simultaneous scheduling of two grand projects based on game theory and solving the model with Benders decomposition. <i>Frontiers of Engineering Management</i> , 2022, 9, 117-134.	3.3	5
6	Municipal waste management and electrical energy generation from solid waste: a mathematical programming approach. <i>Journal of Modelling in Management</i> , 2022, 17, 309-340.	1.1	7
7	An integrated framework for new sustainable waste-to-energy technology selection and risk assessment: An R-TODIM-R-MULTIMOOSRAL approach. <i>Journal of Cleaner Production</i> , 2022, 335, 130146.	4.6	15
8	A new fuzzy multi-criteria decision-making approach for risk assessment of competitorsâ€™ cooperation in new product development projects. <i>Journal of Business and Industrial Marketing</i> , 2022, 37, 2278-2297.	1.8	5
9	Competitive scheduling in a hybrid flow shop problem using multi-leaderâ€™ multi-follower game - A case study from Iran. <i>Expert Systems With Applications</i> , 2022, 195, 116584.	4.4	8
10	A Nash bargaining game data envelopment analysis model for measuring efficiency of dynamic multi-period network structures. <i>Journal of Modelling in Management</i> , 2022, ahead-of-print, .	1.1	1
11	R.Graph: A new risk-based causal reasoning and its application to COVID-19 risk analysis. <i>Chemical Engineering Research and Design</i> , 2022, 159, 585-604.	2.7	2
12	Financing green technology development and role of digital platforms: Insourcing vs. outsourcing. <i>Technology in Society</i> , 2022, 69, 101967.	4.8	21
13	Cooperation and coepetition among retailers-third party logistics providers alliances under different risk behaviors, uncertainty demand and environmental considerations. <i>Environment, Development and Sustainability</i> , 2022, , 1-37.	2.7	2
14	Dynamic strategic planning: A hybrid approach based on logarithmic regression, system dynamics, Game Theory and Fuzzy Inference System (Case study Steel Industry). <i>Resources Policy</i> , 2022, 77, 102769.	4.2	6
15	A Cooperative Robust Human Resource Allocation Problem for Healthcare Systems for Disaster Management. <i>Computers and Industrial Engineering</i> , 2022, , 108283.	3.4	1
16	Energy supply chain empowerment through tradable green and white certificates: A pathway to sustainable energy generation. <i>Applied Energy</i> , 2022, 323, 119601.	5.1	16
17	Developing the modified R-numbers for risk-based fuzzy information fusion and its application to failure modes, effects, and system resilience analysis (FMESRA). <i>ISA Transactions</i> , 2021, 113, 9-27.	3.1	27
18	<i>R</i> -Sets, Comprehensive Fuzzy Sets Risk Modeling for Risk-Based Information Fusion and Decision-Making. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 385-399.	6.5	31

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19	Food web conservation vs. strategic threats: A security game approach. <i>Ecological Modelling</i> , 2021, 442, 109426.	1.2	3
20	Environmental Policy Making in Supply Chains under Ambiguity and Competition: A Fuzzy Stackelberg Game Approach. <i>Sustainability</i> , 2021, 13, 2367.	1.6	14
21	Hotel pricing decision in a competitive market under government intervention: a game theory approach. <i>International Journal of Management Science and Engineering Management</i> , 2021, 16, 83-93.	2.6	9
22	Reframing supply chain finance in an era of reglobalization: On the value of multi-sided crowdfunding platforms. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 149, 102298.	3.7	29
23	Hazardous infectious waste collection and government aid distribution during COVID-19: A robust mathematical leader-follower model approach. <i>Sustainable Cities and Society</i> , 2021, 69, 102814.	5.1	46
24	Pricing and greening decisions of competitive forward and reverse supply chains under government financial intervention: Iranian motorcycle industry case study. <i>Computers and Industrial Engineering</i> , 2021, 157, 107329.	3.4	10
25	Assessing the sustainability of using drone technology for last-mile delivery in a blood supply chain. <i>Journal of Modelling in Management</i> , 2021, 16, 1376-1402.	1.1	14
26	A hybrid mathematical modelling approach for energy generation from hazardous waste during the COVID-19 pandemic. <i>Journal of Cleaner Production</i> , 2021, 315, 128157.	4.6	18
27	Application of risk-based fuzzy decision support systems in new product development: An R-VIKOR approach. <i>Applied Soft Computing Journal</i> , 2021, 109, 107456.	4.1	19
28	Product processing prioritization in hybrid flow shop systems supported on Nash bargaining model and simulation-optimization. <i>Expert Systems With Applications</i> , 2021, 180, 115066.	4.4	6
29	Cooperative inventory games in multi-echelon supply chains under carbon tax policy: Vertical or horizontal?. <i>Applied Mathematical Modelling</i> , 2021, 99, 166-203.	2.2	19
30	A Nash bargaining solution for a multi period competitive portfolio optimization problem: Co-evolutionary approach. <i>Expert Systems With Applications</i> , 2021, 184, 115509.	4.4	3
31	Cooperative reliability allocation in network flow problems considering greenhouse gas emissions: Optical fiber networks structure. <i>Journal of Cleaner Production</i> , 2021, 326, 129315.	4.6	4
32	A security game approach for strategic conservation against poaching considering food web complexities. <i>Ecological Complexity</i> , 2021, 48, 100970.	1.4	1
33	Interval MULTIMOORA Method Integrating Interval Borda Rule and Interval Best-Worst-Method-Based Weighting Model: Case Study on Hybrid Vehicle Engine Selection. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 1157-1169.	6.2	61
34	Government intervention on cooperation, competition, and cooperation of humanitarian supply chains. <i>Socio-Economic Planning Sciences</i> , 2020, 69, 100715.	2.5	39
35	Stochastic optimization model for distribution and evacuation planning (A case study of Tehran) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	2.5	60
36	Sustainable landfill site selection for municipal solid waste based on a hybrid decision-making approach: Fuzzy group BWM-MULTIMOORA-GIS. <i>Journal of Cleaner Production</i> , 2020, 248, 119186.	4.6	142

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37	Peer-to-peer financing choice of SME entrepreneurs in the emergence of supply chain localization. <i>International Transactions in Operational Research</i> , 2020, 27, 2534-2558.	1.8	36
38	A New Risk-Based Fuzzy Cognitive Model and Its Application to Decision-Making. <i>Cognitive Computation</i> , 2020, 12, 309-326.	3.6	12
39	A multi-attribute model to optimize the price and composition of prepaid mobile Internet plans. <i>Journal of Enterprise Information Management</i> , 2020, 33, 1257-1291.	4.4	4
40	Multi-objective mathematical model based on fuzzy hybrid multi-criteria decision-making and FMEA approach for the risks of oil and gas projects. <i>Journal of Engineering, Design and Technology</i> , 2020, 18, 1997-2016.	1.1	8
41	Robust optimization model for sustainable supply chain for production and distribution of polyethylene pipe. <i>Journal of Modelling in Management</i> , 2020, 15, 1613-1653.	1.1	15
42	Cost-efficiency measurement for two-stage DEA network using game approach: an application to electrical network in Iran. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2020, 45, 1.	0.8	1
43	A Robust Approach for Cooperation and Competition of Bio-Refineries Under Government Interventions by Considering Sustainability Factors. <i>IEEE Access</i> , 2020, 8, 155873-155890.	2.6	8
44	Forecasting the international air passengers of Iran using an artificial neural network. <i>International Journal of Industrial and Systems Engineering</i> , 2020, 34, 562.	0.1	3
45	Pricing and market segmentation in an uncertain supply chain. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2020, 45, 1.	0.8	5
46	Pricing strategy for a green supply chain with hybrid production modes under government intervention. <i>Journal of Cleaner Production</i> , 2020, 268, 121945.	4.6	37
47	Multi objective Fuzzy programming of remanufactured green perishable products using supply contracts. <i>International Journal of Management Science and Engineering Management</i> , 2020, 15, 274-287.	2.6	4
48	A novel linguistic approach for multi-granular information fusion and decision-making using risk-based linguistic D numbers. <i>Information Sciences</i> , 2020, 530, 43-65.	4.0	33
49	A simulation approach on reliability assessment of complex system subject to stochastic degradation and random shock. <i>Eksploracja I Niezawodnosc</i> , 2020, 22, 370-379.	1.1	15
50	Cooperative cellular manufacturing system: a cooperative game theory approach. <i>Scientia Iranica</i> , 2020, .	0.3	7
51	A multi-product green supply chain under government supervision with price and demand uncertainty. <i>Journal of Industrial Engineering International</i> , 2019, 15, 193-206.	1.8	17
52	Sharing economy in organic food supply chains: A pathway to sustainable development. <i>International Journal of Production Economics</i> , 2019, 218, 322-338.	5.1	83
53	Developing a novel risk-based MCDM approach based on D numbers and fuzzy information axiom and its applications in preventive maintenance planning. <i>Applied Soft Computing Journal</i> , 2019, 82, 105559.	4.1	46
54	Pricing policies in a dual-channel supply chain considering flexible return and energy-saving regulations. <i>Computers and Industrial Engineering</i> , 2019, 135, 655-674.	3.4	52

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55	Service quality measurement model integrating an extended SERVQUAL model and a hybrid decision support system. <i>European Research on Management and Business Economics</i> , 2019, 25, 151-164.	3.4	29
56	Modeling steel supply and demand functions using logarithmic multiple regression analysis (case) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	4.2	20
57	ARTQUAL. <i>International Journal of Quality and Reliability Management</i> , 2019, 36, 1490-1521.	1.3	4
58	Resource allocation based on overall equipment effectiveness using cooperative game. <i>Kybernetes</i> , 2019, 49, 819-834.	1.2	2
59	Robust resource-constrained project scheduling problem of the project's subcontractors in a cooperative environment under uncertainty: Social complex construction case study. <i>Computers and Industrial Engineering</i> , 2019, 133, 19-28.	3.4	21
60	Cooperative aggregate production planning: a game theory approach. <i>Journal of Industrial Engineering International</i> , 2019, 15, 19-37.	1.8	10
61	Government intervention policies in competition of financial chains: a game theory approach. <i>Kybernetes</i> , 2019, 49, 960-981.	1.2	3
62	Impacts of government interventions on pricing policies of the dual-channel supply chain by considering retailer services. <i>Journal of Industrial Engineering International</i> , 2019, 15, 231-252.	1.8	2
63	An extended robust approach for a cooperative inventory routing problem. <i>Expert Systems With Applications</i> , 2019, 116, 310-327.	4.4	27
64	Hybrid hierarchical fuzzy group decision-making based on information axioms and BWM: Prototype design selection. <i>Computers and Industrial Engineering</i> , 2019, 127, 788-804.	3.4	66
65	Uncertain multi-objective multi-commodity multi-period multi-vehicle location-allocation model for earthquake evacuation planning. <i>Applied Mathematics and Computation</i> , 2019, 350, 105-132.	1.4	78
66	R-numbers, a new risk modeling associated with fuzzy numbers and its application to decision making. <i>Information Sciences</i> , 2019, 483, 206-231.	4.0	76
67	Modeling carbon regulation policies in inventory decisions of a multi-stage green supply chain: A game theory approach. <i>Computers and Industrial Engineering</i> , 2019, 128, 807-830.	3.4	97
68	Developing the R-TOPSIS methodology for risk-based preventive maintenance planning: A case study in rolling mill company. <i>Computers and Industrial Engineering</i> , 2019, 128, 622-636.	3.4	61
69	An overview of MULTIMOORA for multi-criteria decision-making: Theory, developments, applications, and challenges. <i>Information Fusion</i> , 2019, 51, 145-177.	11.7	162
70	Sustainability risk management in a cooperative environment under uncertainty. <i>Kybernetes</i> , 2019, 48, 385-406.	1.2	5
71	Evaluating different scenarios for Tradable Green Certificates by game theory approaches. <i>Journal of Industrial Engineering International</i> , 2019, 15, 513-527.	1.8	8
72	Efficiency decomposition and measurement in two-stage fuzzy DEA models using a bargaining game approach. <i>Computers and Industrial Engineering</i> , 2018, 118, 394-408.	3.4	32

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73	A Nash bargaining model for flow shop scheduling problem under uncertainty: a case study from tire manufacturing in Iran. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 531-546.	1.5	5
74	Wholesale-retail pricing strategies under market risk and uncertain demand in supply chain using evolutionary game theory. <i>Kybernetes</i> , 2018, 47, 1178-1201.	1.2	24
75	Cost saving allocation of horizontal cooperation in restructured natural gas distribution network. <i>Kybernetes</i> , 2018, 47, 1217-1241.	1.2	4
76	Cooperation and coopetition among humanitarian organizations. <i>Kybernetes</i> , 2018, 47, 1642-1663.	1.2	20
77	Mixed uncertainties in data envelopment analysis: A fuzzy-robust approach. <i>Expert Systems With Applications</i> , 2018, 103, 218-237.	4.4	16
78	A decision support system for agricultural machines and equipment selection: A case study on olive harvester machines. <i>Computers and Electronics in Agriculture</i> , 2018, 148, 207-216.	3.7	74
79	A bibliography of metaheuristics-review from 2009 to 2015. <i>International Journal of Knowledge-Based and Intelligent Engineering Systems</i> , 2018, 22, 83-95.	0.7	16
80	Modelling intervention policies of government in price-energy saving competition of green supply chains. <i>Computers and Industrial Engineering</i> , 2018, 119, 247-261.	3.4	73
81	Maintenance scheduling using data mining techniques and time series models. <i>International Journal of Management Science and Engineering Management</i> , 2018, 13, 100-107.	2.6	12
82	Multi-resource trade-off problem of the project contractors in a cooperative environment: highway construction case study. <i>International Journal of Management Science and Engineering Management</i> , 2018, 13, 129-138.	2.6	16
83	Direct and indirect intervention schemas of government in the competition between green and non-green supply chains. <i>Journal of Cleaner Production</i> , 2018, 170, 753-772.	4.6	87
84	Extending a pessimisticâ€“optimistic fuzzy information axiom based approach considering acceptable risk: Application in the selection of maintenance strategy. <i>Applied Soft Computing Journal</i> , 2018, 67, 895-909.	4.1	43
85	Modelling sustainable supply chain management problem with fuzzy demand based on multi-criteria decision making methods. <i>International Journal of Industrial and Systems Engineering</i> , 2018, 30, 267.	0.1	4
86	A fuzzy leader-follower game approach to interaction of project client and multiple contractors in time/cost trade-off problem. <i>Journal of Project Management</i> , 2018, , 105-120.	0.8	4
87	Sustainability in fuzzy resource constraint project scheduling in a cooperative environment under uncertainty: Iranâ€™s Chitgar lake case study. <i>Journal of Intelligent and Fuzzy Systems</i> , 2018, 35, 6255-6267.	0.8	5
88	Developing pessimisticâ€“optimistic risk-based methods for multi-sensor fusion: An interval-valued evidence theory approach. <i>Applied Soft Computing Journal</i> , 2018, 72, 609-623.	4.1	67
89	Measuring Performance of a Three-Stage Network Structure Using Data Envelopment Analysis and Nash Bargaining Game: A Supply Chain Application. <i>International Journal of Information Technology and Decision Making</i> , 2018, 17, 1429-1467.	2.3	13
90	Cooperation of advertising companies in social networks: A graph and game theory approaches. <i>Computers and Industrial Engineering</i> , 2018, 125, 212-220.	3.4	11

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91	Selection of Waste Lubricant Oil Regenerative Technology Using Entropy-Weighted Risk-Based Fuzzy Axiomatic Design Approach. <i>Informatica</i> , 2018, 29, 41-74.	1.5	20
92	Modelling sustainable supply chain management problem with fuzzy demand based on multi-criteria decision making methods. <i>International Journal of Industrial and Systems Engineering</i> , 2018, 30, 267.	0.1	1
93	Game of elimination in a shared market: a novel multi-period game approach to competition of supply chains based on simulation. <i>International Journal of Management Science and Engineering Management</i> , 2017, 12, 174-185.	2.6	3
94	Selection of energy source and evolutionary stable strategies for power plants under financial intervention of government. <i>Journal of Industrial Engineering International</i> , 2017, 13, 357-367.	1.8	18
95	A novel approach for combination of individual and group decisions based on fuzzy best-worst method. <i>Applied Soft Computing Journal</i> , 2017, 59, 316-325.	4.1	155
96	Bertrand competition for a cellular manufacturing system. <i>International Journal of Computer Integrated Manufacturing</i> , 2017, 30, 1224-1238.	2.9	3
97	Interval MULTIMOORA method with target values of attributes based on interval distance and preference degree: biomaterials selection. <i>Journal of Industrial Engineering International</i> , 2017, 13, 181-198.	1.8	27
98	Competition, cooperation, and coopetition of green supply chains under regulations on energy saving levels. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2017, 97, 228-250.	3.7	224
99	Maintenance strategy selection with risky evaluations using <sc>RAHP</sc>. <i>Journal of Multi-Criteria Decision Analysis</i> , 2017, 24, 257-274.	1.0	31
100	A cooperative game approach to uncertain decentralized logistic systems subject to network reliability considerations. <i>Kybernetes</i> , 2017, 46, 1452-1468.	1.2	9
101	Distribution Network Design with Distributors Advance Payment and Fuzzy Commitment. <i>Journal of Advanced Manufacturing Systems</i> , 2017, 16, 339-356.	0.4	2
102	Robust two-stage DEA models under discrete uncertain data. <i>International Journal of Management Science and Engineering Management</i> , 2017, 12, 216-224.	2.6	14
103	Interval target-based VIKOR method supported on interval distance and preference degree for machine selection. <i>Engineering Applications of Artificial Intelligence</i> , 2017, 57, 184-196.	4.3	46
104	Competition of domestic manufacturer and foreign supplier under sustainable development objectives of government. <i>Applied Mathematics and Computation</i> , 2017, 292, 294-308.	1.4	25
105	Risk-based material selection process supported on information theory: A case study on industrial gas turbine. <i>Applied Soft Computing Journal</i> , 2017, 52, 1116-1129.	4.1	32
106	EVALUATING INNOVATION CAPABILITIES OF REAL ESTATE FIRMS: A COMBINED FUZZY DELPHI AND DEMATEL APPROACH. <i>International Journal of Strategic Property Management</i> , 2017, 21, 401-416.	0.8	32
107	Development of a Cournot-oligopoly model for competition of multi-product supply chains under government supervision. <i>Scientia Iranica</i> , 2017, 24, 1519-1532.	0.3	4
108	Cooperative Strategies for Maximum-Flow Problem in Uncertain Decentralized Systems Using Reliability Analysis. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-9.	0.6	3

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109	Fuzzy entropy-weighted MULTIMOORA method for materials selection. Journal of Intelligent and Fuzzy Systems, 2016, 31, 1211-1226.	0.8	55
110	Cooperative vehicle routing problem: an opportunity for cost saving. Journal of Industrial Engineering International, 2016, 12, 271-286.	1.8	31
111	Nash equilibrium strategy in the deregulated power industry and comparing its lost welfare with Iran wholesale electricity market. Journal of Industrial Engineering International, 2016, 12, 421-435.	1.8	6
112	Extended MULTIMOORA method based on Shannon entropy weight for materials selection. Journal of Industrial Engineering International, 2016, 12, 1-13.	1.8	88
113	A game theoretic analysis in capacity-constrained supplier-selection and cooperation by considering the total supply chain inventory costs. International Journal of Production Economics, 2016, 181, 87-97.	5.1	57
114	Analysis of implementation of Tradable Green Certificates system in a competitive electricity market: a game theory approach. Journal of Industrial Engineering International, 2016, 12, 185-197.	1.8	19
115	Extension of MULTIMOORA method with interval numbers: An application in materials selection. Applied Mathematical Modelling, 2016, 40, 1372-1386.	2.2	83
116	Government financial intervention in green and regular supply chains: Multi-level game theory approach. International Journal of Management Science and Engineering Management, 2016, 11, 167-177.	2.6	20
117	Distribution network design of a decentralized supply chain with fuzzy committed distributors. Journal of Intelligent and Fuzzy Systems, 2015, 29, 803-815.	0.8	2
118	Development of a multi-period model to minimise logistic costs and maximise service level in a three-echelon multi-product supply chain considering back orders. International Journal of Applied Decision Sciences, 2015, 8, 145.	0.2	9
119	Competition of two green and regular supply chains under environmental protection and revenue seeking policies of government. Computers and Industrial Engineering, 2015, 82, 103-114.	3.4	162
120	Optimization of reliability for a hierarchical facility location problem under disaster relief situations by a chance-constrained programming and robust optimization. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2015, 229, 542-555.	0.6	5
121	Using and comparing metaheuristic algorithms for optimizing bidding strategy viewpoint of profit maximization of generators. Journal of Industrial Engineering International, 2015, 11, 59-72.	1.8	11
122	Robust DEA under discrete uncertain data: a case study of Iranian electricity distribution companies. Journal of Industrial Engineering International, 2015, 11, 199-208.	1.8	23
123	Comprehensive MULTIMOORA method with target-based attributes and integrated significant coefficients for materials selection in biomedical applications. Materials and Design, 2015, 87, 949-959.	3.3	76
124	Cooperative maximum-flow problem under uncertainty in logistic networks. Applied Mathematics and Computation, 2015, 250, 593-604.	1.4	29
125	Balancing the Production Line by the Simulation and Statistics Techniques: A Case Study. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 754-763.	0.1	6
126	Source selection problem of competitive power plants under government intervention: a game theory approach. Journal of Industrial Engineering International, 2014, 10, 1.	1.8	18

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127	Firefly-inspired algorithm for discrete optimization problems: An application to manufacturing cell formation. <i>Journal of Manufacturing Systems</i> , 2013, 32, 78-84.	7.6	105
128	Strategic and Tactical Design of Competing Decentralized Supply Chain Networks with Risk-Averse Participants for Markets with Uncertain Demand. <i>Mathematical Problems in Engineering</i> , 2011, 2011, 1-27.	0.6	19
129	Robust cooperative planning of relief logistics operations under demand uncertainty: a case study on a possible earthquake in Tehran. <i>International Journal of Systems Science: Operations and Logistics</i> , 0, 1-24.	2.0	10