

# Behnam Fahimnia

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

6,257  
citations

117625

34  
h-index

144013

57  
g-index

64  
all docs

64  
docs citations

64  
times ranked

4639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green supply chain management: A review and bibliometric analysis. <i>International Journal of Production Economics</i> , 2015, 162, 101-114.	8.9	1,258
2	Quantitative models for managing supply chain risks: A review. <i>European Journal of Operational Research</i> , 2015, 247, 1-15.	5.7	379
3	Green supplier selection using fuzzy group decision making methods: A case study from the agri-food industry. <i>Computers and Operations Research</i> , 2018, 89, 337-347.	4.0	358
4	Dynamic supply chain network design for the supply of blood in disasters: A robust model with real world application. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014, 70, 225-244.	7.4	267
5	Carbon pricing versus emissions trading: A supply chain planning perspective. <i>International Journal of Production Economics</i> , 2015, 164, 197-205.	8.9	267
6	Framing sustainability performance of supply chains with multidimensional indicators. <i>Supply Chain Management</i> , 2014, 19, 242-257.	6.4	252
7	Marrying supply chain sustainability and resilience: A match made in heaven. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016, 91, 306-324.	7.4	248
8	Resilient and sustainable supply chain design: sustainability analysis under disruption risks. <i>International Journal of Production Research</i> , 2018, 56, 5945-5968.	7.5	220
9	Supply chain design for efficient and effective blood supply in disasters. <i>International Journal of Production Economics</i> , 2017, 183, 700-709.	8.9	195
10	Greening ports and maritime logistics: A review. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 48, 473-487.	6.8	184
11	A review and critique on integrated production&quot;distribution planning models and techniques. <i>Journal of Manufacturing Systems</i> , 2013, 32, 1-19.	13.9	171
12	The impact of carbon pricing on a closed-loop supply chain: an&quot;Australian case study. <i>Journal of Cleaner Production</i> , 2013, 59, 210-225.	9.3	166
13	A tradeoff model for green supply chain planning:A leanness-versus-greenness analysis. <i>Omega</i> , 2015, 54, 173-190.	5.9	160
14	Green supply chain network design with stochastic demand and carbon price. <i>Annals of Operations Research</i> , 2017, 250, 463-485.	4.1	159
15	Designing a supply chain resilient to major disruptions and supply/demand interruptions. <i>Transportation Research Part B: Methodological</i> , 2016, 94, 121-149.	5.9	151
16	Hierarchical facility location problem: Models, classifications, techniques, and applications. <i>Computers and Industrial Engineering</i> , 2014, 68, 104-117.	6.3	146
17	Tactical supply chain planning under a carbon tax policy scheme: A case study. <i>International Journal of Production Economics</i> , 2015, 164, 206-215.	8.9	130
18	Behavioral Operations and Supply Chain Management&quot;A Review and Literature Mapping. <i>Decision Sciences</i> , 2019, 50, 1127-1183.	4.5	117

#	ARTICLE	IF	CITATIONS
19	Greening versus resilience: A supply chain design perspective. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 119, 129-148.	7.4	95
20	Artificial intelligence applications in supply chain management. <i>International Journal of Production Economics</i> , 2021, 241, 108250.	8.9	93
21	Location-inventory problem in supply chains: a modelling review. <i>International Journal of Production Research</i> , 2015, 53, 3769-3788.	7.5	90
22	Robust supply chain network design: an optimization model with real world application. <i>Annals of Operations Research</i> , 2017, 257, 15-44.	4.1	84
23	Competitive closed-loop supply chain network design with price-dependent demands. <i>Journal of Cleaner Production</i> , 2015, 93, 251-272.	9.3	74
24	Policy insights from a green supply chain optimisation model. <i>International Journal of Production Research</i> , 2015, 53, 6522-6533.	7.5	73
25	The human factor in supply chain forecasting: A systematic review. <i>European Journal of Operational Research</i> , 2019, 274, 574-600.	5.7	68
26	Tactical supply chain planning models with inherent flexibility: definition and review. <i>Annals of Operations Research</i> , 2016, 244, 407-427.	4.1	67
27	Genetic algorithm optimisation of an integrated aggregate productionâ€“distribution plan in supply chains. <i>International Journal of Production Research</i> , 2012, 50, 81-96.	7.5	61
28	Integrating human judgement into quantitative forecasting methods: A review. <i>Omega</i> , 2019, 86, 237-252.	5.9	58
29	An enhanced robustness approach for managing supply and demand uncertainties. <i>International Journal of Production Economics</i> , 2017, 183, 620-631.	8.9	52
30	Decision models for sustainable supply chain design and management. <i>Annals of Operations Research</i> , 2017, 250, 277-278.	4.1	48
31	The implications of carbon pricing in Australia: An industrial logistics planning case study. <i>Transportation Research, Part D: Transport and Environment</i> , 2013, 18, 78-85.	6.8	43
32	Inventory and ordering decisions: a systematic review on research driven through behavioral experiments. <i>International Journal of Operations and Production Management</i> , 2020, 40, 997-1039.	5.9	42
33	Editorial Design and Management of Sustainable and Resilient Supply Chains. <i>IEEE Transactions on Engineering Management</i> , 2019, 66, 2-7.	3.5	38
34	Integrated aggregate supply chain planning using memetic algorithm â€“ A performance analysis case study. <i>International Journal of Production Research</i> , 2013, 51, 5354-5373.	7.5	36
35	A hybrid two-stock inventory control model for a reverse supply chain. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014, 67, 141-161.	7.4	36
36	Green and Resilient Design of Electricity Supply Chain Networks: A Multiobjective Robust Optimization Approach. <i>IEEE Transactions on Engineering Management</i> , 2019, 66, 52-72.	3.5	36

#	ARTICLE	IF	CITATIONS
37	Planning of complex supply chains: A performance comparison of three meta-heuristic algorithms. Computers and Operations Research, 2018, 89, 241-252.	4.0	35
38	A multi-cut L-shaped method for resilient and responsive supply chain network design. International Journal of Production Research, 2020, 58, 7353-7381.	7.5	35
39	Sustainable transport fleet appraisal using a hybrid multi-objective decision making approach. Annals of Operations Research, 2017, 250, 309-340.	4.1	33
40	A tactical supply chain planning model with multiple flexibility options: an empirical evaluation. Annals of Operations Research, 2016, 244, 429-454.	4.1	32
41	Carbon cap-and-trade schemes in closed-loop supply chains: Why firms do not comply?. Transportation Research, Part E: Logistics and Transportation Review, 2021, 156, 102486.	7.4	30
42	Demand forecasting in the presence of systematic events: Cases in capturing sales promotions. International Journal of Production Economics, 2020, 230, 107892.	8.9	27
43	In-house production and outsourcing under different emissions reduction regulations: An equilibrium decision model for global supply chains. Transportation Research, Part E: Logistics and Transportation Review, 2022, 157, 102446.	7.4	18
44	Right information at the right time: Reevaluating the attitude-behavior gap in environmental technology adoption. International Journal of Production Economics, 2021, 242, 108278.	8.9	17
45	Supply chain planning for a multinational enterprise: a performance analysis case study. International Journal of Logistics Research and Applications, 2013, 16, 349-366.	8.8	15
46	Supply chain competition on shelf space and pricing for soft drinks: A bilevel optimization approach. International Journal of Production Economics, 2019, 211, 237-250.	8.9	15
47	Outsourcing performance quality assessment using data envelopment analytics. International Journal of Production Economics, 2019, 207, 173-182.	8.9	15
48	Analysing the hindrances to the reduction of manufacturing lead-time and their associated environmental pollution. International Journal of Environmental Technology and Management, 2009, 10, 16.	0.2	10
49	Transforming the vaccine supply chain in Australia: Opportunities and challenges. Vaccine, 2021, 39, 6157-6165.	3.8	10
50	Integration in Logistics Planning and Optimization. , 2011, , 371-391.		8
51	Optimization of a Two-Echelon Supply Network Using Multi-objective Genetic Algorithms. , 2009, , .		7
52	The Role of Green Logistics and Transportation in Sustainable Supply Chains. Greening of Industry Networks Studies, 2015, , 1-12.	1.3	7
53	Micro array patch (MAP) for the delivery of thermostable vaccines in Australia: A cost/benefit analysis. Vaccine, 2021, 39, 6166-6173.	3.8	6
54	Optimization and Performance Evaluation of an Integrated Production-Distribution Plan in Supply Chains. , 2009, , .		3

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55	A Review of the Literature of Green Ports and Maritime Logistics. Greening of Industry Networks Studies, 2015, , 149-158.	1.3	2
56	Dynamic Supply Chain Greening Analysis. Greening of Industry Networks Studies, 2015, , 35-47.	1.3	1
57	The Future of Green Logistics and Transportation. Greening of Industry Networks Studies, 2015, , 193-197.	1.3	1
58	Design and Management of Sustainable and Resilient Supply Chains. IEEE Transactions on Engineering Management, 2016, 63, 342-344.	3.5	1
59	Complex Real-Life Supply Chain Planning Problems. , 0, , 102-127.		1
60	Green Transport Fleet Appraisal. Greening of Industry Networks Studies, 2015, , 63-81.	1.3	0
61	Special issue on design and management of sustainable and resilient supply chains. IEEE Transactions on Engineering Management, 2016, 63, 129-131.	3.5	0
62	Complex Real-Life Supply Chain Planning Problems. , 0, , 1441-1466.		0