

Reza Zanjirani Farahani

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5928821/reza-zanjirani-farahani-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

4,896
citations

33
h-index

69
g-index

87
ext. papers

5,663
ext. citations

5.2
avg, IF

6.1
L-index

#	Paper	IF	Citations
85	Impact of timing in post-warning repositioning decisions on performance measures of disaster management: A real-life application. <i>European Journal of Operational Research</i> , 2021 , 293, 312-335	5.6	3
84	Prevention of Terrorism: An Assessment of Prior POM Work and Future Potentials. <i>Production and Operations Management</i> , 2020 , 29, 1789-1815	3.6	5
83	Mass casualty management in disaster scene: A systematic review of OR&MS research in humanitarian operations. <i>European Journal of Operational Research</i> , 2020 , 287, 787-819	5.6	45
82	Fairness in hazmat routing-scheduling: A bi-objective Stackelberg game. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020 , 140, 102006	9	3
81	The inventory-routing problem subject to vehicle failure. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019 , 126, 254-294	9	3
80	Equitable location of facilities in a region with probabilistic barriers to travel. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019 , 127, 66-85	9	7
79	OR models in urban service facility location: A critical review of applications and future developments. <i>European Journal of Operational Research</i> , 2019 , 276, 1-27	5.6	47
78	MULTI-LEVEL OPTIMIZATION OF AN AUTOMOTIVE CLOSED-LOOP SUPPLY CHAIN NETWORK WITH INTERACTIVE FUZZY PROGRAMMING APPROACHES. <i>Technological and Economic Development of Economy</i> , 2018 , 24, 1004-1028	4.7	16
77	Developing lean and responsive supply chains: A robust model for alternative risk mitigation strategies in supply chain designs. <i>International Journal of Production Economics</i> , 2017 , 183, 632-653	9.3	50
76	A memetic algorithm for a multi-objective obnoxious waste location-routing problem: a case study. <i>Annals of Operations Research</i> , 2017 , 250, 279-308	3.2	30
75	Link-based multi-class hazmat routing-scheduling problem: A multiple demon approach. <i>European Journal of Operational Research</i> , 2017 , 261, 337-354	5.6	12
74	Resilient supply chain network design under competition: A case study. <i>European Journal of Operational Research</i> , 2017 , 259, 1017-1035	5.6	114
73	Strategic design of a competing supply chain network for markets with deterministic demands. <i>IMA Journal of Management Mathematics</i> , 2016 , 27, 109-141	1.4	2
72	Fuzzy MCDM for weight of object phrase in location routing problem. <i>Applied Mathematical Modelling</i> , 2016 , 40, 526-541	4.5	20
71	Bi-objective vibration damping optimization for congested location pricing problem. <i>Computers and Operations Research</i> , 2016 , 70, 87-100	4.6	16
70	A rectilinear distance location relocation problem with a probabilistic restriction: mathematical modelling and solution approaches. <i>International Journal of Production Research</i> , 2016 , 54, 629-646	7.8	4
69	Disaster Management from a POM Perspective: Mapping a New Domain. <i>Production and Operations Management</i> , 2016 , 25, 1611-1637	3.6	108

68	Supply chain management 1982-2015: a review. <i>IMA Journal of Management Mathematics</i> , 2016 , 27, 353-379		44
67	Concurrent design of product family and supply chain network considering quality and price. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015 , 81, 18-35	9	16
66	An algorithm and upper bounds for the weighted maximal planar graph problem. <i>Journal of the Operational Research Society</i> , 2015 , 66, 1399-1412	2	3
65	Benders decomposition for concurrent redesign of forward and closed-loop supply chain network with demand and return uncertainties. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015 , 79, 1-21	9	67
64	Mixed network design using hybrid scatter search. <i>European Journal of Operational Research</i> , 2015 , 247, 699-710	5.6	11
63	Locating and capacity planning for retailers of a new supply chain to compete on the plane. <i>Journal of the Operational Research Society</i> , 2015 , 66, 1182-1205	2	5
62	Time-dependent discrete road network design with both tactical and strategic decisions. <i>Journal of the Operational Research Society</i> , 2015 , 66, 894-913	2	29
61	Understanding econo-political risks: impact of sanctions on an automotive supply chain. <i>International Journal of Operations and Production Management</i> , 2015 , 35, 1567-1591	6.8	14
60	Location-inventory problem in supply chains: a modelling review. <i>International Journal of Production Research</i> , 2015 , 53, 3769-3788	7.8	63
59	The single facility location problem with time-dependent weights and relocation cost over a continuous time horizon. <i>Journal of the Operational Research Society</i> , 2015 , 66, 265-277	2	7
58	Competitive closed-loop supply chain network design with price-dependent demands. <i>Journal of Cleaner Production</i> , 2015 , 93, 251-272	10.3	52
57	Location and Distribution Management of Relief Centers: A Genetic Algorithm Approach. <i>International Journal of Information Technology and Decision Making</i> , 2015 , 14, 769-803	2.8	8
56	Supply chain network design under oligopolistic price and service level competition with foresight. <i>Computers and Industrial Engineering</i> , 2014 , 72, 129-142	6.4	24
55	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	9	32
54	New forecasting insights on the bullwhip effect in a supply chain. <i>IMA Journal of Management Mathematics</i> , 2014 , 25, 259-286	1.4	7
53	A hybrid artificial bee colony for disruption in a hierarchical maximal covering location problem. <i>Computers and Industrial Engineering</i> , 2014 , 75, 129-141	6.4	24
52	Designing a new supply chain for competition against an existing supply chain. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014 , 67, 124-140	9	37
51	A robust optimization model for a supply chain under uncertainty. <i>IMA Journal of Management Mathematics</i> , 2014 , 25, 387-402	1.4	4

50	Competitive supply chain network design: An overview of classifications, models, solution techniques and applications. <i>Omega</i> , 2014 , 45, 92-118	7.2	251
49	Hierarchical facility location problem: Models, classifications, techniques, and applications. <i>Computers and Industrial Engineering</i> , 2014 , 68, 104-117	6.4	112
48	An exact and a simulated annealing algorithm for simultaneously determining flow path and the location of P/D stations in bidirectional path. <i>Journal of Manufacturing Systems</i> , 2013 , 32, 648-654	9.1	9
47	Network design approach for hub ports-shipping companies competition and cooperation. <i>Transportation Research, Part A: Policy and Practice</i> , 2013 , 48, 1-18	3.7	39
46	A mathematical model for order splitting in a multiple supplier single-item inventory system. <i>Journal of Manufacturing Systems</i> , 2013 , 32, 55-67	9.1	7
45	Developing model-based software to optimise wheat storage and transportation: A real-world application. <i>Applied Soft Computing Journal</i> , 2013 , 13, 1074-1084	7.5	37
44	Corrigendum to Developing model-based software to optimize wheat storage and transportation: A real-world application [Appl. Soft Comput. 13 (2013) 1074-1084]. <i>Applied Soft Computing Journal</i> , 2013 , 13, 4230	7.5	
43	Coordination of advertising in supply chain management with cooperating manufacturer and retailers. <i>IMA Journal of Management Mathematics</i> , 2013 , 24, 1-19	1.4	25
42	A review of urban transportation network design problems. <i>European Journal of Operational Research</i> , 2013 , 229, 281-302	5.6	379
41	Multi-objective discrete urban road network design. <i>Computers and Operations Research</i> , 2013 , 40, 2429-2449	4.4	42
40	Robust supply chain network design with service level against disruptions and demand uncertainties: A real-life case. <i>European Journal of Operational Research</i> , 2013 , 227, 199-215	5.6	274
39	A review and critique on integrated production-distribution planning models and techniques. <i>Journal of Manufacturing Systems</i> , 2013 , 32, 1-19	9.1	143
38	Hub location problems: A review of models, classification, solution techniques, and applications. <i>Computers and Industrial Engineering</i> , 2013 , 64, 1096-1109	6.4	334
37	An ant colony-based algorithm for finding the shortest bidirectional path for automated guided vehicles in a block layout. <i>International Journal of Advanced Manufacturing Technology</i> , 2013 , 64, 399-409	3.2	18
36	Integrated aggregate supply chain planning using memetic algorithm [A performance analysis case study. <i>International Journal of Production Research</i> , 2013 , 51, 5354-5373	7.8	36
35	Inbound Logistics and Vehicle Routing 2013 , 197-211		
34	Hybrid Evolutionary Metaheuristics for Concurrent Multi-Objective Design of Urban Road and Public Transit Networks. <i>Networks and Spatial Economics</i> , 2012 , 12, 441-480	1.9	55
33	Bi-objective bimodal urban road network design using hybrid metaheuristics. <i>Central European Journal of Operations Research</i> , 2012 , 20, 583-621	2.2	47

32	A MCDM-based model for vendor selection: a case study in the particleboard industry. <i>Journal of Forestry Research</i> , 2012 , 23, 685-690	2	2
31	Covering problems in facility location: A review. <i>Computers and Industrial Engineering</i> , 2012 , 62, 368-407	6.4	354
30	Facility location dynamics: An overview of classifications and applications. <i>Computers and Industrial Engineering</i> , 2012 , 62, 408-420	6.4	185
29	A machine-to-loop assignment and layout design methodology for tandem AGV systems with single-load vehicles. <i>International Journal of Production Research</i> , 2011 , 49, 3605-3633	7.8	14
28	Optimization in Natural Gas Network Planning 2011 , 393-420		9
27	Risk Management in Gas Networks: A Survey 2011 , 421-439		2
26	Humanitarian Logistics Planning in Disaster Relief Operations 2011 , 291-332		18
25	Optimizing reserve capacity of urban road networks in a discrete Network Design Problem. <i>Advances in Engineering Software</i> , 2011 , 42, 1041-1050	3.6	59
24	Strategic design of competing supply chain networks with foresight. <i>Advances in Engineering Software</i> , 2011 , 42, 130-141	3.6	25
23	A game theoretic approach for two echelon supply chains with continuous depletion. <i>International Journal of Management Science and Engineering Management</i> , 2011 , 6, 408-412	2.8	4
22	Strategic design of competing supply chain networks for inelastic demand. <i>Journal of the Operational Research Society</i> , 2011 , 62, 1784-1795	2	25
21	Strategic design of competing centralized supply chain networks for markets with deterministic demands. <i>Advances in Engineering Software</i> , 2010 , 41, 810-822	3.6	47
20	Modeling and analysis for determining optimal suppliers under stochastic lead times. <i>Applied Mathematical Modelling</i> , 2010 , 34, 1311-1328	4.5	17
19	Multiple criteria facility location problems: A survey. <i>Applied Mathematical Modelling</i> , 2010 , 34, 1689-1709	4.5	372
18	Fuzzy AHP to determine the relative weights of evaluation criteria and Fuzzy TOPSIS to rank the alternatives. <i>Applied Soft Computing Journal</i> , 2010 , 10, 520-528	7.5	254
17	A memetic algorithm for bi-objective integrated forward/reverse logistics network design. <i>Computers and Operations Research</i> , 2010 , 37, 1100-1112	4.6	302
16	Dynamic Facility Location Problem. <i>Contributions To Management Science</i> , 2009 , 347-372	0.4	14
15	Single facility location and relocation problem with time dependent weights and discrete planning horizon. <i>Annals of Operations Research</i> , 2009 , 167, 353-368	3.2	40

14	Coordination of order and production policy in buyer-vendor chain using PROSA Holonic architecture. <i>International Journal of Advanced Manufacturing Technology</i> , 2009 , 45, 1033-1050	3.2	7
13	A distribution planning model for natural gas supply chain: A case study. <i>Energy Policy</i> , 2009 , 37, 799-812	7.2	64
12	An integrated approach to determine the block layout, AGV flow path and the location of pick-up/delivery points in single-loop systems. <i>International Journal of Production Research</i> , 2009 , 47, 3041-3061	7.8	13
11	Designing efficient methods for the tandem AGV network design problem using tabu search and genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2008 , 36, 996-1009	3.2	10
10	A genetic algorithm to optimize the total cost and service level for just-in-time distribution in a supply chain. <i>International Journal of Production Economics</i> , 2008 , 111, 229-243	9.3	148
9	Designing an efficient method for simultaneously determining the loop and the location of the P/D stations using genetic algorithm. <i>International Journal of Production Research</i> , 2007 , 45, 1405-1427	7.8	12
8	Combination of MCDM and covering techniques in a hierarchical model for facility location: A case study. <i>European Journal of Operational Research</i> , 2007 , 176, 1839-1858	5.6	76
7	A joint economic lot-size model for an integrated supply network using genetic algorithm. <i>Applied Mathematics and Computation</i> , 2007 , 189, 583-596	2.7	19
6	Designing an efficient method for tandem AGV network design problem using tabu search. <i>Applied Mathematics and Computation</i> , 2006 , 183, 1410-1421	2.7	16
5	A practical exact algorithm for the shortest loop design problem in a block layout. <i>International Journal of Production Research</i> , 2005 , 43, 1879-1887	7.8	21
4	Future Trends in SCM1885-1902		
3	Future Trends in SCM82-100		
2	Fast Fashion, Charities, and the Circular Economy: Challenges for Operations Management. <i>Production and Operations Management</i> ,	3.6	2
1	Pandemics/Epidemics: Challenges and Opportunities for Operations Management Research. <i>Manufacturing and Service Operations Management</i> ,	4.6	5