

# Seyed Hamidreza

## List of Publications by Year in descending order

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84  
papers

2,057  
citations

212478

28  
h-index

286692

43  
g-index

84  
all docs

84  
docs citations

84  
times ranked

1778  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel separate chance-constrained programming model to design a sustainable medical ventilator supply chain network during the Covid-19 pandemic. <i>Journal of Industrial and Management Optimization</i> , 2023, 19, 1395.	0.8	4
2	A robust possibilistic programming approach for blood supply chain network design in disaster relief considering congestion. <i>Operational Research</i> , 2022, 22, 1987-2032.	1.3	11
3	Modeling and optimizing an agro-supply chain considering different quality grades and storage systems for fresh products: a Benders decomposition solution approach. <i>Journal of Combinatorial Optimization</i> , 2022, 44, 21-50.	0.8	5
4	A bi-objective supplier location, supplier selection and order allocation problem with green constraints: scenario-based approach. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 8205-8228.	3.3	13
5	Identifying and prioritizing the essential factors on ticket pricing strategy in a local market based on empirical study: Iranian domestic market. <i>Journal of Revenue and Pricing Management</i> , 2021, 20, 76-87.	0.7	1
6	A mixed-integer nonlinear optimization model for integrated flight scheduling, fleet assignment, and ticket pricing in competitive market. <i>Journal of Revenue and Pricing Management</i> , 2021, 20, 596-607.	0.7	4
7	Stochastic single machine scheduling problem as a multi-stage dynamic random decision process. <i>Computational Management Science</i> , 2021, 18, 267-297.	0.8	3
8	Designing emergency flood evacuation plans using robust optimization and artificial intelligence. <i>Journal of Combinatorial Optimization</i> , 2021, 41, 640-677.	0.8	31
9	Green closed-loop supply chain network design: a novel bi-objective chance-constraint approach. <i>RAIRO - Operations Research</i> , 2021, 55, 811-840.	1.0	5
10	Optimizing a two-level closed-loop supply chain under the vendor managed inventory contract and learning: Fibonacci, GA, IWO, MFO algorithms. <i>Neural Computing and Applications</i> , 2021, 33, 9425-9450.	3.2	10
11	Multi-objective optimization of multi-item EOQ model with partial backordering and defective batches and stochastic constraints using MOWCA and MOGWO. <i>Operational Research</i> , 2020, 20, 1729-1761.	1.3	12
12	Modeling and solving a bi-objective joint replenishment-location problem under incremental discount: MOHSA and NSGA-II. <i>Operational Research</i> , 2020, 20, 2365-2396.	1.3	5
13	Sine-cosine crow search algorithm: theory and applications. <i>Neural Computing and Applications</i> , 2020, 32, 7725-7742.	3.2	48
14	A robust fuzzy approach for constrained multi-product economic production quantity with imperfect items and rework process. <i>Optimization</i> , 2020, 69, 63-90.	1.0	41
15	A hybrid invasive weed optimization for an imperfect, two-warehouse, lot-sizing problem. <i>Journal of Modelling in Management</i> , 2020, 15, 1363-1387.	1.1	4
16	Designing a Bi-Objective Closed-Loop Supply Chain Problem with Shortage and All Unit Discount: Nondominated Sorting Genetic Algorithm and Multi-Objective Particle Swarm Optimization. <i>Journal of Advanced Manufacturing Systems</i> , 2020, 19, 701-736.	0.4	5
17	A robust optimization approach for multi-objective, multi-product, multi-period, closed-loop green supply chain network designs under uncertainty and discount. <i>Journal of Industrial and Production Engineering</i> , 2020, 37, 1-22.	2.1	31
18	A Bi-objective Multi-Product Multi-Constraint EPQ Model in a Stochastic Environment and Partial Shortage. <i>Journal of Advanced Manufacturing Systems</i> , 2020, 19, 567-587.	0.4	1

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19	Robust Fuzzy chance constraint programming for multi-item EOQ model with random disruption and partial backordering under uncertainty. <i>Journal of Industrial and Production Engineering</i> , 2019, 36, 276-285.	2.1	19
20	A hybrid robust stochastic programming for a bi-objective blood collection facilities problem (Case) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 154-167.	2.1	9
21	Solving a Supply Chain Problem Including VMI and Cross-Docking Approaches, with Genetic Algorithm. <i>Journal of Advanced Manufacturing Systems</i> , 2019, 18, 311-324.	0.4	1
22	A New Hybrid Method for Optimizing Vendor-Managed Inventory Model. <i>Journal of Advanced Manufacturing Systems</i> , 2019, 18, 255-272.	0.4	1
23	Optimizing a multi-item economic order quantity problem with imperfect items, inspection errors, and backorders. <i>Soft Computing</i> , 2019, 23, 11671-11698.	2.1	28
24	Modeling and optimization of multi-item multi-constrained EOQ model for growing items. <i>Knowledge-Based Systems</i> , 2019, 164, 150-162.	4.0	64
25	Comparing performance of genetic and discrete invasive weed optimization algorithms for solving the inventory routing problem with an incremental delivery. <i>Journal of Intelligent Manufacturing</i> , 2019, 30, 2327-2353.	4.4	11
26	Robust possibilistic programming for multi-item EOQ model with defective supply batches: Whale Optimization and Water Cycle Algorithms. <i>Neural Computing and Applications</i> , 2019, 31, 6587-6614.	3.2	27
27	A new newsvendor policy model for dual-sourcing supply chains by considering disruption risk and special order. <i>Journal of Intelligent Manufacturing</i> , 2018, 29, 237-244.	4.4	15
28	Vendor-managed inventory in the joint replenishment problem of a multi-product single-supplier multiple-retailer supply chain. <i>Journal of Modelling in Management</i> , 2018, 13, 156-178.	1.1	7
29	A bi-objective two-level newsvendor problem with discount policies and budget constraint. <i>Computers and Industrial Engineering</i> , 2018, 120, 192-205.	3.4	5
30	Modelling and solving the integrated inventory-location-routing problem in a multi-period and multi-perishable product supply chain with uncertainty: Lagrangian relaxation algorithm. <i>Computers and Chemical Engineering</i> , 2018, 109, 9-22.	2.0	89
31	An optimal integrated lot sizing policy of inventory in a bi-objective multi-level supply chain with stochastic constraints and imperfect products. <i>Journal of Industrial and Production Engineering</i> , 2018, 35, 6-20.	2.1	45
32	Multi-objective optimisation of continuous review inventory system under mixture of lost sales and backorders within different constraints. <i>International Journal of Logistics Systems and Management</i> , 2018, 29, 327.	0.2	2
33	Modelling and solving a novel gardener problem under an emergency order and stochastic storage space. <i>International Journal of Logistics Systems and Management</i> , 2018, 31, 178.	0.2	0
34	Solving and modeling a stochastic multiproduct vendor managed inventory problem with defective items. <i>Journal of Industrial and Production Engineering</i> , 2018, 35, 339-351.	2.1	4
35	Green-blood supply chain network design: Robust optimization, bounded objective function & Lagrangian relaxation. <i>Computers and Industrial Engineering</i> , 2018, 122, 95-105.	3.4	74
36	The gardener problem with reservation policy and discount. <i>Computers and Industrial Engineering</i> , 2018, 123, 82-102.	3.4	1

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37	A preemptive fuzzy goal programming model for generalized supplier selection and order allocation with incremental discount. <i>Computers and Industrial Engineering</i> , 2018, 122, 292-302.	3.4	61
38	A newsboy problem for an inventory system under an emergency order: a modified invasive weed optimization algorithm. <i>International Journal of Management Science and Engineering Management</i> , 2017, 12, 119-132.	2.6	4
39	A joint inventory reliable capacitated facility location problem using a continuum approximation. <i>International Journal of Management Science and Engineering Management</i> , 2017, 12, 104-110.	2.6	2
40	Multi-item EOQ model with nonlinear unit holding cost and partial backordering: moth-flame optimization algorithm. <i>Journal of Industrial and Production Engineering</i> , 2017, 34, 42-51.	2.1	44
41	Determining the prices of remanufactured products, capacity of internal workstations and the contracting strategy within queuing framework. <i>Applied Soft Computing Journal</i> , 2017, 54, 313-321.	4.1	14
42	Economic production quantity model with imperfect products and random order frequency under due date and limited storage capacity. <i>Journal of Industrial and Production Engineering</i> , 2017, 34, 344-361.	2.1	5
43	Modeling and optimization of four-level integrated supply chain with the aim of determining the optimum stockpile and period length: sequential quadratic programming. <i>Journal of Industrial and Production Engineering</i> , 2017, 34, 529-541.	2.1	39
44	Inventory model in a four-echelon integrated supply chain: modeling and optimization. <i>Journal of Modelling in Management</i> , 2017, 12, 739-762.	1.1	55
45	Bi-objective location-allocation-inventory-network design in a two-echelon supply chain using de novo programming, NSGA-II and NRCGA. <i>International Journal of Logistics Systems and Management</i> , 2017, 28, 308.	0.2	4
46	Joint inventory-production inventory model with defective items, uncertain demand and allowable shortage. <i>International Journal of Mathematics in Operational Research</i> , 2017, 11, 357.	0.1	1
47	Four-Echelon Integrated Supply Chain Model with Stochastic Constraints Under Shortage Condition. <i>Industrial Engineering and Management Systems</i> , 2017, 16, 316-329.	0.3	31
48	A multiproduct EOQ model with permissible delay in payments and shortage within warehouse space constraint: a genetic algorithm approach. <i>International Journal of Mathematics in Operational Research</i> , 2017, 10, 316.	0.1	0
49	Two-stage single period inventory management for a manufacturing vendor under green-supplier supply chain. <i>International Journal of Systems Assurance Engineering and Management</i> , 2016, 8, 704.	1.5	4
50	Optimization of multi-product economic production quantity model with partial backordering and physical constraints: SQP, SFS, SA, and WCA. <i>Applied Soft Computing Journal</i> , 2016, 49, 770-791.	4.1	44
51	Bi-objective optimization of multi-product EPQ model with backorders, rework process and random defective rate. , 2016, , .		19
52	A priority-based modified encoding“decoding procedure for the design of a bi-objective SC network using meta-heuristic algorithms. <i>International Journal of Management Science and Engineering Management</i> , 2016, 11, 8-21.	2.6	7
53	Multiobjective optimisation of stochastic problems using a mixed metaheuristic and regression technique. <i>International Journal of Mathematics in Operational Research</i> , 2016, 8, 96.	0.1	1
54	A bi-objective hub maximal covering location problem considering time-dependent reliability and the second type of coverage. <i>International Journal of Management Science and Engineering Management</i> , 2016, 11, 195-202.	2.6	5

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55	An integrated model for supplier location-selection & order allocation under capacity constraints in an uncertain environment. <i>Scientia Iranica</i> , 2016, 23, 3009-3025.	0.3	5
56	Development of a Joint Economic Lot Size Model with Stochastic Demand Within non-equal shipments. <i>Scientia Iranica</i> , 2016, 23, 3026-3034.	0.3	1
57	A multi objective model for determining ordering strategy within different constraints. <i>International Journal of Mathematics in Operational Research</i> , 2015, 7, 52.	0.1	4
58	A bi-objective remanufacturing problem within queuing framework: An imperialist competitive algorithm. <i>International Journal of Management Science and Engineering Management</i> , 2015, 10, 199-209.	2.6	6
59	Optimization of a multiproduct economic production quantity problem with stochastic constraints using sequential quadratic programming. <i>Knowledge-Based Systems</i> , 2015, 84, 98-107.	4.0	74
60	A multiproduct single machine economic production quantity model for an imperfect production system under warehouse construction cost. <i>International Journal of Production Economics</i> , 2015, 169, 203-214.	5.1	57
61	Optimizing a bi-objective multi-product multi-period three echelon supply chain network with warehouse reliability. <i>Expert Systems With Applications</i> , 2015, 42, 2615-2623.	4.4	70
62	Robust optimization approach for an aggregate production–distribution planning in a three-level supply chain. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 76, 623-634.	1.5	21
63	Bi-objective optimization of a multi-product multi-period three-echelon supply chain problem under uncertain environments: NSGA-II and NPGA. <i>Information Sciences</i> , 2015, 292, 57-74.	4.0	137
64	A multiproduct EOQ model with inflation, discount, and permissible delay in payments under shortage and limited warehouse space. <i>Production and Manufacturing Research</i> , 2014, 2, 641-657.	0.9	7
65	Optimization of vendor managed inventory of multiproduct EPQ model with multiple constraints using genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 71, 365-376.	1.5	15
66	Lexicographic max–min approach for an integrated vendor-managed inventory problem. <i>Knowledge-Based Systems</i> , 2014, 59, 58-65.	4.0	18
67	A multi-objective harmony search algorithm to optimize multi-server location–allocation problem in congested systems. <i>Computers and Industrial Engineering</i> , 2014, 72, 187-197.	3.4	41
68	A new approach to solve multi-response statistical optimization problems using neural network, genetic algorithm, and goal attainment methods. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 75, 1149-1162.	1.5	5
69	A queuing approach for a tri-objective manufacturing problem with defects: a tuned Pareto-based genetic algorithm. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 73, 1373-1385.	1.5	4
70	Two metaheuristics to solve a multi-item multiperiod inventory control problem under storage constraint and discounts. <i>International Journal of Advanced Manufacturing Technology</i> , 2013, 69, 1671-1684.	1.5	44
71	Optimizing a bi-objective multi-product EPQ model with defective items, rework and limited orders: NSGA-II and MOPSO algorithms. <i>Journal of Manufacturing Systems</i> , 2013, 32, 764-770.	7.6	36
72	A multi-objective facility location model with batch arrivals: two parameter-tuned meta-heuristic algorithms. <i>Journal of Intelligent Manufacturing</i> , 2013, 24, 331-348.	4.4	55

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73	Genetic application in a facility location problem with random demand within queuing framework. <i>Journal of Intelligent Manufacturing</i> , 2012, 23, 651-659.	4.4	41
74	A genetic algorithm for vendor managed inventory control system of multi-product multi-constraint economic order quantity model. <i>Expert Systems With Applications</i> , 2011, 38, 2708-2716.	4.4	125
75	A parameter-tuned genetic algorithm to optimize two-echelon continuous review inventory systems. <i>Expert Systems With Applications</i> , 2011, 38, 11708-11714.	4.4	25
76	An investigation of vendor-managed inventory application in supply chain: the EOQ model with shortage. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 49, 329-339.	1.5	41
77	A parameter-tuned genetic algorithm to solve multi-product economic production quantity model with defective items, rework, and constrained space. <i>International Journal of Advanced Manufacturing Technology</i> , 2010, 49, 827-837.	1.5	20
78	A parameter-tuned genetic algorithm for multi-product economic production quantity model with space constraint, discrete delivery orders and shortages. <i>Advances in Engineering Software</i> , 2010, 41, 306-314.	1.8	46
79	A genetic algorithm approach to optimize a multi-products EPQ model with discrete delivery orders and constrained space. <i>Applied Mathematics and Computation</i> , 2008, 195, 506-514.	1.4	47
80	Multi-response simulation optimization using genetic algorithm within desirability function framework. <i>Applied Mathematics and Computation</i> , 2006, 175, 366-382.	1.4	112
81	A bi-objective robust optimization model for a blood collection and testing problem: an accelerated stochastic Benders decomposition. <i>Annals of Operations Research</i> , 0, , 1.	2.6	10
82	Decomposition algorithm for the multi-trip single vehicle routing problem with AND-type precedence constraints. <i>Operational Research</i> , 0, , 1.	1.3	0
83	A Lagrangian relaxation algorithm for optimizing a bi-objective agro-supply chain model considering CO2 emissions. <i>Annals of Operations Research</i> , 0, , 1.	2.6	14
84	A model of determining the ordering strategy for a multi-product problem with lateral transshipment approach: hybrid metaheuristic algorithms. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 0, , .	3.3	0