Seyed Hamidreza

List of Publications by Year
in descending order

84 papers	2,057 citations	186254 28 h-index	254170 43 g-index
84 all docs	84 docs citations	84 times ranked	1552 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. Journal of Industrial and Management Optimization, 2023, 19, 1395.	1.3	4
2	A robust possibilistic programming approach for blood supply chain network design in disaster relief considering congestion. Operational Research, 2022, 22, 1987-2032.	2.0	11
3	Modeling and optimizing an agro-supply chain considering different quality grades and storage systems for fresh products: a Benders decomposition solution approach. Journal of Combinatorial Optimization, 2022, 44, 21-50.	1.3	5
4	A bi-objective supplier location, supplier selection and order allocation problem with green constraints: scenario-based approach. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 8205-8228.	4.9	13
5	Identifying and prioritizing the essential factors on ticket pricing strategy in a local market based on empirical study: Iranian domestic market. Journal of Revenue and Pricing Management, 2021, 20, 76-87.	1.1	1
6	A mixed-integer nonlinear optimization model for integrated flight scheduling, fleet assignment, and ticket pricing in competitive market. Journal of Revenue and Pricing Management, 2021, 20, 596-607.	1.1	4
7	Stochastic single machine scheduling problem as a multi-stage dynamic random decision process. Computational Management Science, 2021, 18, 267-297.	1.3	3
8	Designing emergency flood evacuation plans using robust optimization and artificial intelligence. Journal of Combinatorial Optimization, 2021, 41, 640-677.	1.3	31
9	Green closed-loop supply chain network design: a novel bi-objective chance-constraint approach. RAIRO - Operations Research, 2021, 55, 811-840.	1.8	5
10	Optimizing a two-level closed-loop supply chain under the vendor managed inventory contract and learning: Fibonacci, GA, IWO, MFO algorithms. Neural Computing and Applications, 2021, 33, 9425-9450.	5.6	10
11	Multi-objective optimization of multi-item EOQ model with partial backordering and defective batches and stochastic constraints using MOWCA and MOGWO. Operational Research, 2020, 20, 1729-1761.	2.0	12
12	Modeling and solving a bi-objective joint replenishment-location problem under incremental discount: MOHSA and NSGA-II. Operational Research, 2020, 20, 2365-2396.	2.0	5
13	Sine–cosine crow search algorithm: theory and applications. Neural Computing and Applications, 2020, 32, 7725-7742.	5.6	48
14	A robust fuzzy approach for constrained multi-product economic production quantity with imperfect items and rework process. Optimization, 2020, 69, 63-90.	1.7	41
15	A hybrid invasive weed optimization for an imperfect, two-warehouse, lot-sizing problem. Journal of Modelling in Management, 2020, 15, 1363-1387.	1.9	4
16	Designing a Bi-Objective Closed-Loop Supply Chain Problem with Shortage and All Unit Discount: "Nondominated Sorting Genetic Algorithm II"and "Multi-Objective Particle Swarm Optimization". Journal of Advanced Manufacturing Systems, 2020, 19, 701-736.	1.0	5
17	A robust optimization approach for multi-objective, multi-product, multi-period, closed-loop green supply chain network designs under uncertainty and discount. Journal of Industrial and Production Engineering, 2020, 37, 1-22.	3.1	31
18	A Bi-objective Multi-Product Multi-Constraint EPQ Model in a Stochastic Environment and Partial Shortage. Journal of Advanced Manufacturing Systems, 2020, 19, 567-587.	1.0	1

#	Article	IF	Citations
19	Robust Fuzzy chance constraint programming for multi-item EOQ model with random disruption and partial backordering under uncertainty. Journal of Industrial and Production Engineering, 2019, 36, 276-285.	3.1	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.	3.1	9
21	Solving a Supply Chain Problem Including VMI and Cross-Docking Approaches, with Genetic Algorithm. Journal of Advanced Manufacturing Systems, 2019, 18, 311-324.	1.0	1
22	A New Hybrid Method for Optimizing Vendor-Managed Inventory Model. Journal of Advanced Manufacturing Systems, 2019, 18, 255-272.	1.0	1
23	Optimizing a multi-item economic order quantity problem with imperfect items, inspection errors, and backorders. Soft Computing, 2019, 23, 11671-11698.	3.6	28
24	Modeling and optimization of multi-item multi-constrained EOQ model for growing items. Knowledge-Based Systems, 2019, 164, 150-162.	7.1	64
25	Comparing performance of genetic and discrete invasive weed optimization algorithms for solving the inventory routing problem with an incremental delivery. Journal of Intelligent Manufacturing, 2019, 30, 2327-2353.	7.3	11
26	Robust possibilistic programming for multi-item EOQ model with defective supply batches: Whale Optimization and Water Cycle Algorithms. Neural Computing and Applications, 2019, 31, 6587-6614.	5.6	27
27	A new newsvendor policy model for dual-sourcing supply chains by considering disruption risk and special order. Journal of Intelligent Manufacturing, 2018, 29, 237-244.	7.3	15
28	Vendor-managed inventory in the joint replenishment problem of a multi-product single-supplier multiple-retailer supply chain. Journal of Modelling in Management, 2018, 13, 156-178.	1.9	7
29	A bi-objective two-level newsvendor problem with discount policies and budget constraint. Computers and Industrial Engineering, 2018, 120, 192-205.	6.3	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. Computers and Chemical Engineering, 2018, 109, 9-22.	3.8	89
31	An optimal integrated lot sizing policy of inventory in a bi-objective multi-level supply chain with stochastic constraints and imperfect products. Journal of Industrial and Production Engineering, 2018, 35, 6-20.	3.1	45
32	Multi-objective optimisation of continuous review inventory system under mixture of lost sales and backorders within different constraints. International Journal of Logistics Systems and Management, 2018, 29, 327.	0.2	2
33	Modelling and solving a novel gardener problem under an emergency order and stochastic storage space. International Journal of Logistics Systems and Management, 2018, 31, 178.	0.2	0
34	Solving and modeling a stochastic multiproduct vendor managed inventory problem with defective items. Journal of Industrial and Production Engineering, 2018, 35, 339-351.	3.1	4
35	Green-blood supply chain network design: Robust optimization, bounded objective function & Lagrangian relaxation. Computers and Industrial Engineering, 2018, 122, 95-105.	6.3	74
36	The gardener problem with reservation policy and discount. Computers and Industrial Engineering, 2018, 123, 82-102.	6.3	1

#	Article	IF	Citations
37	A preemptive fuzzy goal programming model for generalized supplier selection and order allocation with incremental discount. Computers and Industrial Engineering, 2018, 122, 292-302.	6.3	61
38	A newsboy problem for an inventory system under an emergency order: a modified invasive weed optimization algorithm. International Journal of Management Science and Engineering Management, 2017, 12, 119-132.	3.1	4
39	A joint inventory reliable capacitated facility location problem using a continuum approximation. International Journal of Management Science and Engineering Management, 2017, 12, 104-110.	3.1	2
40	Multi-item EOQ model with nonlinear unit holding cost and partial backordering: moth-flame optimization algorithm. Journal of Industrial and Production Engineering, 2017, 34, 42-51.	3.1	44
41	Determining the prices of remanufactured products, capacity of internal workstations and the contracting strategy within queuing framework. Applied Soft Computing Journal, 2017, 54, 313-321.	7.2	14
42	Economic production quantity model with imperfect products and random order frequency under due date and limited storage capacity. Journal of Industrial and Production Engineering, 2017, 34, 344-361.	3.1	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. Journal of Industrial and Production Engineering, 2017, 34, 529-541.	3.1	39
44	Inventory model in a four-echelon integrated supply chain: modeling and optimization. Journal of Modelling in Management, 2017, 12, 739-762.	1.9	55
45	Bi-objective location-allocation-inventory-network design in a two-echelon supply chain using de novo programming, NSGA-II and NRGA. International Journal of Logistics Systems and Management, 2017, 28, 308.	0.2	4
46	Joint inventory-production inventory model with defective items, uncertain demand and allowable shortage. International Journal of Mathematics in Operational Research, 2017, 11, 357.	0.2	1
47	Four-Echelon Integrated Supply Chain Model with Stochastic Constraints Under Shortage Condition. Industrial Engineering and Management Systems, 2017, 16, 316-329.	0.4	31
48	A multiproduct EOQ model with permissible delay in payments and shortage within warehouse space constraint: a genetic algorithm approach. International Journal of Mathematics in Operational Research, 2017, 10, 316.	0.2	0
49	Two-stage single period inventory management for a manufacturing vendor under green-supplier supply chain. International Journal of Systems Assurance Engineering and Management, 2016, 8, 704.	2.4	4
50	Optimization of multi-product economic production quantity model with partial backordering and physical constraints: SQP, SFS, SA, and WCA. Applied Soft Computing Journal, 2016, 49, 770-791.	7.2	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. International Journal of Management Science and Engineering Management, 2016, 11, 8-21.	3.1	7
53	Multiobjective optimisation of stochastic problems using a mixed metaheuristic and regression technique. International Journal of Mathematics in Operational Research, 2016, 8, 96.	0.2	1
54	A bi-objective hub maximal covering location problem considering time-dependent reliability and the second type of coverage. International Journal of Management Science and Engineering Management, 2016, 11, 195-202.	3.1	5

#	Article	IF	Citations
55	An integrated model for supplier location-selection & order allocation under capacity constraints in an uncertain environment. Scientia Iranica, 2016, 23, 3009-3025.	0.4	5
56	Development of a Joint Economic Lot Size Model with Stochastic Demand Within non-equal shipments. Scientia Iranica, 2016, 23, 3026-3034.	0.4	1
57	A multi objective model for determining ordering strategy within different constraints. International Journal of Mathematics in Operational Research, 2015, 7, 52.	0.2	4
58	A bi-objective remanufacturing problem within queuing framework: An imperialist competitive algorithm. International Journal of Management Science and Engineering Management, 2015, 10, 199-209.	3.1	6
59	Optimization of a multiproduct economic production quantity problem with stochastic constraints using sequential quadratic programming. Knowledge-Based Systems, 2015, 84, 98-107.	7.1	74
60	A multiproduct single machine economic production quantity model for an imperfect production system under warehouse construction cost. International Journal of Production Economics, 2015, 169, 203-214.	8.9	57
61	Optimizing a bi-objective multi-product multi-period three echelon supply chain network with warehouse reliability. Expert Systems With Applications, 2015, 42, 2615-2623.	7.6	70
62	Robust optimization approach for an aggregate production–distribution planning in a three-level supply chain. International Journal of Advanced Manufacturing Technology, 2015, 76, 623-634.	3.0	21
63	Bi-objective optimization of a multi-product multi-period three-echelon supply chain problem under uncertain environments: NSGA-II and NRGA. Information Sciences, 2015, 292, 57-74.	6.9	137
64	A multiproduct EOQ model with inflation, discount, and permissible delay in payments under shortage and limited warehouse space. Production and Manufacturing Research, 2014, 2, 641-657.	1.5	7
65	Optimization of vendor managed inventory of multiproduct EPQ model with multiple constraints using genetic algorithm. International Journal of Advanced Manufacturing Technology, 2014, 71, 365-376.	3.0	15
66	Lexicographic max–min approach for an integrated vendor-managed inventory problem. Knowledge-Based Systems, 2014, 59, 58-65.	7.1	18
67	A multi-objective harmony search algorithm to optimize multi-server location–allocation problem in congested systems. Computers and Industrial Engineering, 2014, 72, 187-197.	6.3	41
68	A new approach to solve multi-response statistical optimization problems using neural network, genetic algorithm, and goal attainment methods. International Journal of Advanced Manufacturing Technology, 2014, 75, 1149-1162.	3.0	5
69	A queuing approach for a tri-objective manufacturing problem with defects: a tuned Pareto-based genetic algorithm. International Journal of Advanced Manufacturing Technology, 2014, 73, 1373-1385.	3.0	4
70	Two metaheuristics to solve a multi-item multiperiod inventory control problem under storage constraint and discounts. International Journal of Advanced Manufacturing Technology, 2013, 69, 1671-1684.	3.0	44
71	Optimizing a bi-objective multi-product EPQ model with defective items, rework and limited orders: NSGA-II and MOPSO algorithms. Journal of Manufacturing Systems, 2013, 32, 764-770.	13.9	36
72	A multi-objective facility location model with batch arrivals: two parameter-tuned meta-heuristic algorithms. Journal of Intelligent Manufacturing, 2013, 24, 331-348.	7.3	55

#	Article	IF	Citations
73	Genetic application in a facility location problem with random demand within queuing framework. Journal of Intelligent Manufacturing, 2012, 23, 651-659.	7.3	41
74	A genetic algorithm for vendor managed inventory control system of multi-product multi-constraint economic order quantity model. Expert Systems With Applications, 2011, 38, 2708-2716.	7.6	125
75	A parameter-tuned genetic algorithm to optimize two-echelon continuous review inventory systems. Expert Systems With Applications, 2011, 38, 11708-11714.	7.6	25
76	An investigation of vendor-managed inventory application in supply chain: the EOQ model with shortage. International Journal of Advanced Manufacturing Technology, 2010, 49, 329-339.	3.0	41
77	A parameter-tuned genetic algorithm to solve multi-product economic production quantity model with defective items, rework, and constrained space. International Journal of Advanced Manufacturing Technology, 2010, 49, 827-837.	3.0	20
78	A parameter-tuned genetic algorithm for multi-product economic production quantity model with space constraint, discrete delivery orders and shortages. Advances in Engineering Software, 2010, 41, 306-314.	3.8	46
79	A genetic algorithm approach to optimize a multi-products EPQ model with discrete delivery orders and constrained space. Applied Mathematics and Computation, 2008, 195, 506-514.	2.2	47
80	Multi-response simulation optimization using genetic algorithm within desirability function framework. Applied Mathematics and Computation, 2006, 175, 366-382.	2.2	112
81	A bi-objective robust optimization model for a blood collection and testing problem: an accelerated stochastic Benders decomposition. Annals of Operations Research, 0, , 1.	4.1	10
82	Decomposition algorithm for the multi-trip single vehicle routing problem with AND-type precedence constraints. Operational Research, 0, , 1.	2.0	0
83	A Lagrangian relaxation algorithm for optimizing a bi-objective agro-supply chain model considering CO_2 emissions. Annals of Operations Research, 0, , 1.	4.1	14
84	A model of determining the ordering strategy for a multi-product problem with lateral transshipment approach: hybrid metaheuristic algorithms. Journal of Ambient Intelligence and Humanized Computing, 0, , .	4.9	0