Vahid Kayvanfar

List of Publications by Year
in descending order

39 papers	1,039 citations	471061 17 h-index	414034 32 g-index
40 all docs	40 docs citations	40 times ranked	881 citing authors

#	Article	IF	Citations
1	Grey Wolf Optimizer algorithm for the two-stage assembly flow shop scheduling problem with release time. Journal of Computational Science, 2015, 8, 109-120.	1.5	222
2	Enhanced intelligent water drops and cuckoo search algorithms for solving the capacitated vehicle routing problem. Information Sciences, 2016, 334-335, 354-378.	4.0	89
3	Flow shop scheduling problems with assembly operations: a review and new trends. International Journal of Production Research, 2019, 57, 2926-2955.	4.9	82
4	Minimising makespan in the two-stage assembly hybrid flow shop scheduling problem using artificial immune systems. International Journal of Production Research, 2016, 54, 963-983.	4.9	70
5	Improved discrete cuckoo optimization algorithm for the three-stage assembly flowshop scheduling problem. Computers and Industrial Engineering, 2017, 105, 158-173.	3.4	49
6	An integrated model for solving cell formation and cell layout problem simultaneously considering new situations. Journal of Manufacturing Systems, 2013, 32, 655-663.	7.6	48
7	Minimizing total tardiness and earliness on unrelated parallel machines with controllable processing times. Computers and Operations Research, 2014, 41, 31-43.	2.4	43
8	Bi-objective intelligent water drops algorithm to a practical multi-echelon supply chain optimization problem. Journal of Manufacturing Systems, 2017, 44, 93-114.	7.6	37
9	Hybrid intelligent water drops algorithm to unrelated parallel machines scheduling problem: a just-in-time approach. International Journal of Production Research, 2014, 52, 5857-5879.	4.9	32
10	Single machine scheduling with controllable processing times to minimize total tardiness and earliness. Computers and Industrial Engineering, 2013, 65, 166-175.	3.4	31
11	An intelligent water drop algorithm to identical parallel machine scheduling with controllable processing times: a just-in-time approach. Computational and Applied Mathematics, 2017, 36, 159-184.	1.3	31
12	Insights into TripAdvisor's online reviews: The case of Tehran's hotels. Tourism Management Perspectives, 2020, 34, 100673.	3.2	31
13	Multi objective two-stage assembly flow shop with release time. Computers and Industrial Engineering, 2018, 124, 276-292.	3.4	24
14	The economic lot scheduling problem with deteriorating items and shortage: an imperialist competitive algorithm. International Journal of Advanced Manufacturing Technology, 2012, 62, 759-773.	1.5	23
15	An Enhanced Intelligent Water Drops Algorithm for Scheduling of an Agile Manufacturing System. International Journal of Information Technology and Decision Making, 2016, 15, 239-266.	2.3	21
16	An efficient population-based simulated annealing algorithm for 0â€“1 knapsack problem. Engineering With Computers, 2022, 38, 2771-2790.	3.5	20
17	A drastic hybrid heuristic algorithm to approach to JIT policy considering controllable processing times. International Journal of Advanced Manufacturing Technology, 2013, 69, 257-267.	1.5	18
18	A Bi-Objective Home Health Care Routing and Scheduling Model with Considering Nurse Downgrading Costs. International Journal of Environmental Research and Public Health, 2021, 18, 900.	1.2	18

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19	A multi-echelon multi-product stochastic model to supply chain of small-and-medium enterprises in industrial clusters. Computers and Industrial Engineering, 2018, 115, 69-79.	3.4	17
20	Group technology-based model and cuckoo optimization algorithm for resource allocation in cloud computing. IFAC-PapersOnLine, 2015, 48, 1140-1145.	0.5	16
21	Analysis of a multi-echelon supply chain problem using revised multi-choice goal programming approach. Kybernetes, 2018, 47, 118-141.	1.2	16
22	A bi-objective identical parallel machine scheduling problem with controllable processing times: a just-in-time approach. International Journal of Advanced Manufacturing Technology, 2015, 77, 545-563.	1.5	14
23	A practical supply-demand hub in industrial clusters: a new perspective. Management Research Review, 2019, 42, 68-101.	1.5	13
24	Multi-Stage assembly flow shop with setup time and release time. Operations Research Perspectives, 2019, 6, 100111.	1.2	10
25	Demand forecasting based machine learning algorithms on customer information: an applied approach. International Journal of Information Technology (Singapore), 2022, 14, 1937-1947.	1.8	10
26	A multi-objective optimization for preemptive identical parallel machines scheduling problem. Computational and Applied Mathematics, 2017, 36, 1367-1387.	1.3	9
27	Integrating multi-dynamic virtual cellular manufacturing systems into multi-market allocation and production planning. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 643-664.	1.5	7
28	A new model for operating room scheduling with elective patient strategy. Infor, 0, , 1-24.	0.5	6
29	Cooperative advertising and quantity discount in manufacturer-retailer supply chains. Journal of Modelling in Management, 2021, ahead-of-print, .	1.1	5
30	Hybrid bi-objective economic lot scheduling problem with feasible production plan equipped with an efficient adjunct search technique. International Journal of Systems Science: Operations and Logistics, 2023, 10, .	2.0	5
31	Aggregate hybrid flowshop scheduling with assembly operations. , 2011, , .		4
32	Intelligent water drops algorithm on parallel machines scheduling. , 2015, , .		4
33	Supplyâ€“demand hub in industrial clusters: a stochastic approach. Engineering Optimization, 2018, 50, 1561-1577.	1.5	4
34	Multi-criteria decision-making methods for the evaluating of a real green supply chain in companies with fast-moving consumer goods. International Journal of Management Science and Engineering Management, 2022, 17, 175-187.	2.6	4
35	Analysis for supply hub in industrial cluster: Classic vs. new perspective. , 2016, , .		2
36	A robust optimization approach for a cellular manufacturing system considering skill-leveled operators and multi-functional machines. Applied Mathematical Modelling, 2022, 107, 379-397.	2.2	2

#	Article	IF	Citations
37	Economic lot scheduling problem with allowable shortage: A multi-objective approach. , 2011, , .		1
38	Minimizing total tardiness and earliness problem with controllable processing times using an effective heuristic. , 2010, , .		0
39	An Intelligent Water Drops Algorithm to Supply-Demand Hub in Industrial Cluster Considering Transportation Mode. , 2018, , .		0