

Vincent F Yu

List of Publications by Citations

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

81

papers

1,954

citations

26

h-index

42

g-index

87

ext. papers

2,336

ext. citations

5.1

avg, IF

5.67

L-index

#	Paper	IF	Citations
81	A simulated annealing heuristic for the capacitated location routing problem. <i>Computers and Industrial Engineering</i> , 2010 , 58, 288-299	6.4	195
80	Optimizing reverse logistic costs for recycling end-of-life electrical and electronic products. <i>Expert Systems With Applications</i> , 2012 , 39, 6380-6387	7.8	109
79	Solving the truck and trailer routing problem based on a simulated annealing heuristic. <i>Computers and Operations Research</i> , 2009 , 36, 1683-1692	4.6	108
78	A simulated annealing heuristic for the hybrid vehicle routing problem. <i>Applied Soft Computing Journal</i> , 2017 , 53, 119-132	7.5	100
77	A simulated annealing heuristic for the team orienteering problem with time windows. <i>European Journal of Operational Research</i> , 2012 , 217, 94-107	5.6	89
76	Designing sustainable supply chain networks under uncertain environments: Fuzzy multi-objective programming. <i>Journal of Cleaner Production</i> , 2018 , 174, 1550-1565	10.3	88
75	A simulated annealing heuristic for the truck and trailer routing problem with time windows. <i>Expert Systems With Applications</i> , 2011 , 38, 15244-15252	7.8	85
74	Symbiotic organisms search and two solution representations for solving the capacitated vehicle routing problem. <i>Applied Soft Computing Journal</i> , 2017 , 52, 657-672	7.5	69
73	Open vehicle routing problem with cross-docking. <i>Computers and Industrial Engineering</i> , 2016 , 94, 6-17	6.4	67
72	An integrated fuzzy multi-criteria approach for the performance evaluation of multiple manufacturing plants. <i>Computers and Industrial Engineering</i> , 2010 , 58, 269-277	6.4	62
71	A simulated annealing heuristic for the open location-routing problem. <i>Computers and Operations Research</i> , 2015 , 62, 184-196	4.6	60
70	Product substitution in different weights and brands considering customer segmentation and panic buying behavior. <i>Industrial Marketing Management</i> , 2019 , 77, 209-220	6.9	56
69	An improved ranking method for fuzzy numbers with integral values. <i>Applied Soft Computing Journal</i> , 2014 , 14, 603-608	7.5	52
68	Multi-start simulated annealing heuristic for the location routing problem with simultaneous pickup and delivery. <i>Applied Soft Computing Journal</i> , 2014 , 24, 284-290	7.5	52
67	Assessing the greenness effort for European firms. <i>Management Decision</i> , 2009 , 47, 1065-1079	4.4	45
66	A revised method for ranking fuzzy numbers using maximizing set and minimizing set. <i>Computers and Industrial Engineering</i> , 2011 , 61, 1342-1348	6.4	40
65	A simulated annealing heuristic for the multiconstraint team orienteering problem with multiple time windows. <i>Applied Soft Computing Journal</i> , 2015 , 37, 632-642	7.5	39

64	A note on the truck and trailer routing problem. <i>Expert Systems With Applications</i> , 2010 , 37, 899-903	7.8	38
63	Ranking fuzzy numbers based on epsilon-deviation degree. <i>Applied Soft Computing Journal</i> , 2013 , 13, 3621-3627	7.5	35
62	Ranking generalized fuzzy numbers in fuzzy decision making based on the left and right transfer coefficients and areas. <i>Applied Mathematical Modelling</i> , 2013 , 37, 8106-8117	4.5	31
61	The museum visitor routing problem. <i>Applied Mathematics and Computation</i> , 2010 , 216, 719-729	2.7	31
60	An interactive approach for the multi-objective transportation problem with interval parameters. <i>International Journal of Production Research</i> , 2015 , 53, 1051-1064	7.8	29
59	Data envelopment analysis for evaluating the efficiency of genetic algorithms on solving the vehicle routing problem with soft time windows. <i>Computers and Industrial Engineering</i> , 2012 , 63, 520-529	6.4	28
58	Ranking generalized fuzzy numbers based on centroid and rank index. <i>Applied Soft Computing Journal</i> , 2018 , 68, 283-292	7.5	27
57	Two-level particle swarm optimization for the multi-modal team orienteering problem with time windows. <i>Applied Soft Computing Journal</i> , 2017 , 61, 1022-1040	7.5	27
56	Intuitionistic fuzzy multi-stage multi-objective fixed-charge solid transportation problem in a green supply chain. <i>International Journal of Machine Learning and Cybernetics</i> , 2021 , 12, 699-717	3.8	27
55	Solving the location-routing problem with simultaneous pickup and delivery by simulated annealing. <i>International Journal of Production Research</i> , 2016 , 54, 526-549	7.8	25
54	Multi-Objective Fixed-Charge Transportation Problem with Random Rough Variables. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2018 , 26, 971-996	0.8	25
53	Solving the team orienteering problem with time windows and mandatory visits by multi-start simulated annealing. <i>Computers and Industrial Engineering</i> , 2017 , 114, 195-205	6.4	24
52	Particle swarm optimization for the multi-period cross-docking distribution problem with time windows. <i>International Journal of Production Research</i> , 2016 , 54, 509-525	7.8	19
51	A Simulated Annealing Heuristic for the Capacitated Green Vehicle Routing Problem. <i>Mathematical Problems in Engineering</i> , 2019 , 2019, 1-18	1.1	18
50	Team orienteering problem with time windows and time-dependent scores. <i>Computers and Industrial Engineering</i> , 2019 , 127, 213-224	6.4	18
49	Structuring an effective human error intervention strategy selection model for commercial aviation. <i>Journal of Air Transport Management</i> , 2017 , 60, 65-75	5.1	12
48	Measuring social compliance performance in the global sustainable supply chain: an AHP approach. <i>Journal of Information and Optimization Sciences</i> , 2014 , 35, 47-72	1.1	12
47	Analyzing the Ranking Method for Fuzzy Numbers in Fuzzy Decision Making Based on the Magnitude Concepts. <i>International Journal of Fuzzy Systems</i> , 2017 , 19, 1279-1289	3.6	12

46	Identifying key factors affecting consumers choice of wealth management services: an AHP approach. <i>Service Industries Journal</i> , 2011 , 31, 929-939	5.7	12
45	Simulated annealing heuristic for the general share-a-ride problem. <i>Engineering Optimization</i> , 2018 , 50, 1178-1197	2	10
44	Relationship between human error intervention strategies and unsafe acts: The role of strategy implementability. <i>Journal of Air Transport Management</i> , 2018 , 69, 112-122	5.1	10
43	Adaptive neighborhood simulated annealing for the heterogeneous fleet vehicle routing problem with multiple cross-docks. <i>Computers and Operations Research</i> , 2021 , 129, 105205	4.6	10
42	Shelf space allocation problem under carbon tax and emission trading policies. <i>Journal of Cleaner Production</i> , 2018 , 196, 438-451	10.3	10
41	A supply chain network with product remanufacturing and carbon emission considerations: a two-phase design. <i>Journal of Intelligent Manufacturing</i> , 2018 , 29, 693-705	6.7	9
40	An integrated approach for the electronic contract manufacturer selection problem. <i>Omega</i> , 2016 , 62, 68-81	7.2	9
39	Financial development, investor protection, and corporate commitment to sustainability. <i>Management Decision</i> , 2012 , 50, 130-146	4.4	9
38	A variable neighborhood search with path-relinking for the capacitated location routing problem. <i>Journal of Industrial and Production Engineering</i> , 2014 , 31, 163-176	1	7
37	Parting curve selection and evaluation using an extension of fuzzy MCDM approach. <i>Applied Soft Computing Journal</i> , 2013 , 13, 1952-1959	7.5	7
36	A matheuristic algorithm for the vehicle routing problem with cross-docking. <i>Applied Soft Computing Journal</i> , 2021 , 103, 107163	7.5	7
35	Location-routing problem with time-dependent demands. <i>Computers and Industrial Engineering</i> , 2021 , 151, 106936	6.4	7
34	An Adaptive Large Neighborhood Search for the green mixed fleet vehicle routing problem with realistic energy consumption and partial recharges. <i>Applied Soft Computing Journal</i> , 2021 , 105, 107251	7.5	7
33	An Integrated Approach for Prioritizing Key Factors in Improving the Service Quality of Nursing Homes. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-12	1.1	6
32	Design of a two-echelon freight distribution system in last-mile logistics considering covering locations and occasional drivers. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021 , 154, 102461	9	6
31	A Novel Hybrid Metaheuristic Algorithm for Optimization of Construction Management Site Layout Planning. <i>Algorithms</i> , 2020 , 13, 117	1.8	5
30	Selective discrete particle swarm optimization for the team orienteering problem with time windows and partial scores. <i>Computers and Industrial Engineering</i> , 2019 , 138, 106084	6.4	5
29	Adaptive Large Neighborhood Search for Vehicle Routing Problem with Cross-Docking 2020 ,		5

28	Manufacturing production plan optimization in three-stage supply chains under Bass model market effects. <i>Computers and Industrial Engineering</i> , 2013 , 65, 509-516	6.4	4
27	Analyzing the ranking method for LR fuzzy numbers based on deviation degree. <i>Computers and Industrial Engineering</i> , 2012 , 63, 1220-1226	6.4	4
26	A fuzzy TOPSIS approach for medical provider selection and evaluation 2012 ,		4
25	Design of a two-echelon freight distribution system in an urban area considering third-party logistics and loading/unloading zones. <i>Applied Soft Computing Journal</i> , 2020 , 97, 106707	7.5	4
24	A dynamic generalized fuzzy multi-criteria group decision making approach for green supplier segmentation. <i>PLoS ONE</i> , 2021 , 16, e0245187	3.7	4
23	Analyzing the effects of the new labor law on outpatient nurse scheduling with law-fitting modeling and case studies. <i>Expert Systems With Applications</i> , 2021 , 180, 115103	7.8	4
22	A Simulated Annealing Algorithm for the Vehicle Routing Problem With Parcel Lockers. <i>IEEE Access</i> , 2022 , 10, 20764-20782	3.5	4
21	Selection of Key Component Vendor from the Aspects of Capability, Productivity, and Reliability. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-7	1.1	3
20	Optimizing the fuzzy closed-loop supply chain for electrical and electronic products 2012 ,		3
19	The path cover problem: Formulation and a hybrid metaheuristic. <i>Expert Systems With Applications</i> , 2020 , 146, 113107	7.8	3
18	A Simulated Annealing Heuristic for the Green Vehicle Routing Problem 2013 , 1261-1269		2
17	Improved arithmetic operations on generalized fuzzy numbers 2013 ,		2
16	An improved variable neighborhood search for the open vehicle routing problem with time windows 2013 ,		2
15	Simulated Annealing with Restart Strategy for the Path Cover Problem with Time Windows. <i>Mathematics</i> , 2021 , 9, 1625	2.3	2
14	An Improved Immunoglobulin-Based Artificial Immune System for the Aircraft Scheduling Problem With Alternate Aircrafts. <i>IEEE Access</i> , 2021 , 9, 16532-16545	3.5	2
13	Sustainable microgrid design with multiple demand areas and peer-to-peer energy trading involving seasonal factors and uncertainties. <i>Renewable and Sustainable Energy Reviews</i> , 2022 , 161, 112342	16.2	2
12	Location-Routing Problem With Demand Range. <i>IEEE Access</i> , 2019 , 7, 149142-149155	3.5	1
11	A Simulated Annealing Heuristic for the Heterogeneous Fleet Pollution Routing Problem 2019 , 171-204		1

10	Two-phase Matheuristic for the vehicle routing problem with reverse cross-docking. <i>Annals of Mathematics and Artificial Intelligence</i> , 1	0.8	1
9	Simulated Annealing for the Multi-Vehicle Cyclic Inventory Routing Problem 2019 ,		1
8	Simulated Annealing with Mutation Strategy for the Share-a-Ride Problem with Flexible Compartments. <i>Mathematics</i> , 2021 , 9, 2320	2.3	1
7	Optimal Maintenance Policy for Offshore Wind Systems. <i>Energies</i> , 2021 , 14, 6082	3.1	1
6	The Vehicle Routing Problem with Simultaneous Pickup and Delivery and Parcel Lockers. <i>Mathematics</i> , 2022 , 10, 920	2.3	1
5	Using the ISM Method to Analyze the Relationships between Various Contractor Prequalification Criteria. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3726	2.6	1
4	Decision Process Analysis on Project Priority Strategy: A Case Study of an ICT Design Firm. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-11	1.1	0
3	A Simulated Annealing Heuristic for the Vehicle Routing Problem with Cross-docking. <i>Ecoproduction</i> , 2014 , 575-584	0.5	
2	Variable Neighborhood Search with Path-Relinking for the Capacitated Location Routing Problem 2013 , 279-286		
1	Effects of dominance on operation policies in a two-stage supply chain in which market demands follow the Bass diffusion model. <i>RAIRO - Operations Research</i> , 2018 , 52, 1261-1275	2.2	