

# Vincent F Yu

## List of Publications by Year in Descending Order

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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 Algorithm for the Vehicle Routing Problem With Parcel Lockers. <i>IEEE Access</i> , <b>2022</b> , 10, 20764-20782	3.5	4
80	The Vehicle Routing Problem with Simultaneous Pickup and Delivery and Parcel Lockers. <i>Mathematics</i> , <b>2022</b> , 10, 920	2.3	1
79	Using the ISM Method to Analyze the Relationships between Various Contractor Prequalification Criteria. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 3726	2.6	1
78	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> , <b>2022</b> , 161, 112342	16.2	2
77	Adaptive neighborhood simulated annealing for the heterogeneous fleet vehicle routing problem with multiple cross-docks. <i>Computers and Operations Research</i> , <b>2021</b> , 129, 105205	4.6	10
76	A matheuristic algorithm for the vehicle routing problem with cross-docking. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 103, 107163	7.5	7
75	Simulated Annealing with Restart Strategy for the Path Cover Problem with Time Windows. <i>Mathematics</i> , <b>2021</b> , 9, 1625	2.3	2
74	Location-routing problem with time-dependent demands. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 151, 106936	6.4	7
73	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> , <b>2021</b> , 12, 699-717	3.8	27
72	A dynamic generalized fuzzy multi-criteria group decision making approach for green supplier segmentation. <i>PLoS ONE</i> , <b>2021</b> , 16, e0245187	3.7	4
71	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> , <b>2021</b> , 105, 107251	7.5	7
70	Simulated Annealing with Mutation Strategy for the Share-a-Ride Problem with Flexible Compartments. <i>Mathematics</i> , <b>2021</b> , 9, 2320	2.3	1
69	Optimal Maintenance Policy for Offshore Wind Systems. <i>Energies</i> , <b>2021</b> , 14, 6082	3.1	1
68	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> , <b>2021</b> , 180, 115103	7.8	4
67	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> , <b>2021</b> , 154, 102461	9	6
66	An Improved Immunoglobulin-Based Artificial Immune System for the Aircraft Scheduling Problem With Alternate Aircrafts. <i>IEEE Access</i> , <b>2021</b> , 9, 16532-16545	3.5	2
65	A Novel Hybrid Metaheuristic Algorithm for Optimization of Construction Management Site Layout Planning. <i>Algorithms</i> , <b>2020</b> , 13, 117	1.8	5

64	The path cover problem: Formulation and a hybrid metaheuristic. <i>Expert Systems With Applications</i> , <b>2020</b> , 146, 113107	7.8	3
63	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> , <b>2020</b> , 97, 106707	7.5	4
62	Adaptive Large Neighborhood Search for Vehicle Routing Problem with Cross-Docking <b>2020</b> ,		5
61	A Simulated Annealing Heuristic for the Capacitated Green Vehicle Routing Problem. <i>Mathematical Problems in Engineering</i> , <b>2019</b> , 2019, 1-18	1.1	18
60	Selective discrete particle swarm optimization for the team orienteering problem with time windows and partial scores. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 138, 106084	6.4	5
59	Location-Routing Problem With Demand Range. <i>IEEE Access</i> , <b>2019</b> , 7, 149142-149155	3.5	1
58	A Simulated Annealing Heuristic for the Heterogeneous Fleet Pollution Routing Problem <b>2019</b> , 171-204		1
57	Simulated Annealing for the Multi-Vehicle Cyclic Inventory Routing Problem <b>2019</b> ,		1
56	Team orienteering problem with time windows and time-dependent scores. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 127, 213-224	6.4	18
55	Product substitution in different weights and brands considering customer segmentation and panic buying behavior. <i>Industrial Marketing Management</i> , <b>2019</b> , 77, 209-220	6.9	56
54	Ranking generalized fuzzy numbers based on centroid and rank index. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 68, 283-292	7.5	27
53	Simulated annealing heuristic for the general share-a-ride problem. <i>Engineering Optimization</i> , <b>2018</b> , 50, 1178-1197	2	10
52	Relationship between human error intervention strategies and unsafe acts: The role of strategy implementability. <i>Journal of Air Transport Management</i> , <b>2018</b> , 69, 112-122	5.1	10
51	A supply chain network with product remanufacturing and carbon emission considerations: a two-phase design. <i>Journal of Intelligent Manufacturing</i> , <b>2018</b> , 29, 693-705	6.7	9
50	Designing sustainable supply chain networks under uncertain environments: Fuzzy multi-objective programming. <i>Journal of Cleaner Production</i> , <b>2018</b> , 174, 1550-1565	10.3	88
49	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> , <b>2018</b> , 52, 1261-1275	2.2	
48	Multi-Objective Fixed-Charge Transportation Problem with Random Rough Variables. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , <b>2018</b> , 26, 971-996	0.8	25
47	Shelf space allocation problem under carbon tax and emission trading policies. <i>Journal of Cleaner Production</i> , <b>2018</b> , 196, 438-451	10.3	10

46	Structuring an effective human error intervention strategy selection model for commercial aviation. <i>Journal of Air Transport Management</i> , <b>2017</b> , 60, 65-75	5.1	12
45	A simulated annealing heuristic for the hybrid vehicle routing problem. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 53, 119-132	7.5	100
44	Solving the team orienteering problem with time windows and mandatory visits by multi-start simulated annealing. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 114, 195-205	6.4	24
43	Two-level particle swarm optimization for the multi-modal team orienteering problem with time windows. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 61, 1022-1040	7.5	27
42	Symbiotic organisms search and two solution representations for solving the capacitated vehicle routing problem. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 52, 657-672	7.5	69
41	Analyzing the Ranking Method for Fuzzy Numbers in Fuzzy Decision Making Based on the Magnitude Concepts. <i>International Journal of Fuzzy Systems</i> , <b>2017</b> , 19, 1279-1289	3.6	12
40	Particle swarm optimization for the multi-period cross-docking distribution problem with time windows. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 509-525	7.8	19
39	Open vehicle routing problem with cross-docking. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 94, 6-17	6.4	67
38	An integrated approach for the electronic contract manufacturer selection problem. <i>Omega</i> , <b>2016</b> , 62, 68-81	7.2	9
37	Solving the location-routing problem with simultaneous pickup and delivery by simulated annealing. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 526-549	7.8	25
36	A simulated annealing heuristic for the multiconstraint team orienteering problem with multiple time windows. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 37, 632-642	7.5	39
35	A simulated annealing heuristic for the open location-routing problem. <i>Computers and Operations Research</i> , <b>2015</b> , 62, 184-196	4.6	60
34	An interactive approach for the multi-objective transportation problem with interval parameters. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 1051-1064	7.8	29
33	An improved ranking method for fuzzy numbers with integral values. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 14, 603-608	7.5	52
32	A variable neighborhood search with path-relinking for the capacitated location routing problem. <i>Journal of Industrial and Production Engineering</i> , <b>2014</b> , 31, 163-176	1	7
31	Measuring social compliance performance in the global sustainable supply chain: an AHP approach. <i>Journal of Information and Optimization Sciences</i> , <b>2014</b> , 35, 47-72	1.1	12
30	Multi-start simulated annealing heuristic for the location routing problem with simultaneous pickup and delivery. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 24, 284-290	7.5	52
29	A Simulated Annealing Heuristic for the Vehicle Routing Problem with Cross-docking. <i>Ecoproduction</i> , <b>2014</b> , 575-584	0.5	

28	Decision Process Analysis on Project Priority Strategy: A Case Study of an ICT Design Firm. <i>Journal of Applied Mathematics</i> , <b>2014</b> , 2014, 1-11	1.1	0
27	Selection of Key Component Vendor from the Aspects of Capability, Productivity, and Reliability. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-7	1.1	3
26	A Simulated Annealing Heuristic for the Green Vehicle Routing Problem <b>2013</b> , 1261-1269		2
25	Manufacturing production plan optimization in three-stage supply chains under Bass model market effects. <i>Computers and Industrial Engineering</i> , <b>2013</b> , 65, 509-516	6.4	4
24	Ranking generalized fuzzy numbers in fuzzy decision making based on the left and right transfer coefficients and areas. <i>Applied Mathematical Modelling</i> , <b>2013</b> , 37, 8106-8117	4.5	3 <sup>1</sup>
23	Parting curve selection and evaluation using an extension of fuzzy MCDM approach. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 1952-1959	7.5	7
22	Ranking fuzzy numbers based on epsilon-deviation degree. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 3621-3627	7.5	35
21	An Integrated Approach for Prioritizing Key Factors in Improving the Service Quality of Nursing Homes. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-12	1.1	6
20	Improved arithmetic operations on generalized fuzzy numbers <b>2013</b> ,		2
19	An improved variable neighborhood search for the open vehicle routing problem with time windows <b>2013</b> ,		2
18	Variable Neighborhood Search with Path-Relinking for the Capacitated Location Routing Problem <b>2013</b> , 279-286		
17	A simulated annealing heuristic for the team orienteering problem with time windows. <i>European Journal of Operational Research</i> , <b>2012</b> , 217, 94-107	5.6	89
16	Optimizing reverse logistic costs for recycling end-of-life electrical and electronic products. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 6380-6387	7.8	109
15	Analyzing the ranking method for LR fuzzy numbers based on deviation degree. <i>Computers and Industrial Engineering</i> , <b>2012</b> , 63, 1220-1226	6.4	4
14	Optimizing the fuzzy closed-loop supply chain for electrical and electronic products <b>2012</b> ,		3
13	A fuzzy TOPSIS approach for medical provider selection and evaluation <b>2012</b> ,		4
12	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> , <b>2012</b> , 63, 520-529	6.4	28
11	Financial development, investor protection, and corporate commitment to sustainability. <i>Management Decision</i> , <b>2012</b> , 50, 130-146	4.4	9

10	A simulated annealing heuristic for the truck and trailer routing problem with time windows. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 15244-15252	7.8	85
9	A revised method for ranking fuzzy numbers using maximizing set and minimizing set. <i>Computers and Industrial Engineering</i> , <b>2011</b> , 61, 1342-1348	6.4	40
8	Identifying key factors affecting consumers choice of wealth management services: an AHP approach. <i>Service Industries Journal</i> , <b>2011</b> , 31, 929-939	5.7	12
7	A note on the truck and trailer routing problem. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 899-903	7.8	38
6	The museum visitor routing problem. <i>Applied Mathematics and Computation</i> , <b>2010</b> , 216, 719-729	2.7	31
5	An integrated fuzzy multi-criteria approach for the performance evaluation of multiple manufacturing plants. <i>Computers and Industrial Engineering</i> , <b>2010</b> , 58, 269-277	6.4	62
4	A simulated annealing heuristic for the capacitated location routing problem. <i>Computers and Industrial Engineering</i> , <b>2010</b> , 58, 288-299	6.4	195
3	Assessing the greenness effort for European firms. <i>Management Decision</i> , <b>2009</b> , 47, 1065-1079	4.4	45
2	Solving the truck and trailer routing problem based on a simulated annealing heuristic. <i>Computers and Operations Research</i> , <b>2009</b> , 36, 1683-1692	4.6	108
1	Two-phase Matheuristic for the vehicle routing problem with reverse cross-docking. <i>Annals of Mathematics and Artificial Intelligence</i> , 1	0.8	1