Habib Chabchoub

List of Publications by Year
in descending order

114 papers	1,270 citations	394390 19 h-index	414395 32 g-index
118 all docs	118 docs citations	118 times ranked	1209 citing authors

#	Article	IF	Citations
1	PROMETHEE-MD-2T method for project selection. European Journal of Operational Research, 2009, 195, 841-849.	5.7	114
2	Genetic algorithm with iterated local search for solving a location-routing problem. Expert Systems With Applications, 2012, 39, 2865-2871.	7.6	100
3	Resilience and Vulnerability in Supply Chain: Literature review. IFAC-PapersOnLine, 2016, 49, 1448-1453.	0.9	71
4	The dynamic vehicle routing problem: Solution with hybrid metaheuristic approach. Swarm and Evolutionary Computation, 2015, 21, 41-53.	8.1	63
5	A Hybrid Particle Swarm Optimization Algorithm for the Redundancy Allocation Problem. Journal of Computational Science, 2010, 1, 159-167.	2.9	56
6	A combined approach for supply chain risk management: description and application to a real hospital pharmaceutical case study. Journal of Risk Research, 2014, 17, 641-663.	2.6	50
7	SGA: spatial GIS-based genetic algorithm for route optimization of municipal solid waste collection. Environmental Science and Pollution Research, 2018, 25, 27569-27582.	5.3	44
8	A hybrid tabu search to solve the heterogeneous fixed fleet vehicle routing problem. Logistics Research, 2010, 2, 3-11.	1.6	36
9	An ontology-based CBR approach for personalized itinerary search systems for sustainable urban freight transport. Expert Systems With Applications, 2015, 42, 3724-3741.	7.6	36
10	Nonlinear goal programming models quantifying the bullwhip effect in supply chain based on ARIMA parameters. European Journal of Operational Research, 2007, 177, 1800-1810.	5.7	35
11	Linking industrial competitiveness and productivity at the firm level. European Journal of Operational Research, 1999, 118, 271-277.	5.7	32
12	An integrated case-based reasoning approach for personalized itinerary search in multimodal transportation systems. Transportation Research Part C: Emerging Technologies, 2013, 31, 30-50.	7.6	31
13	On the methodology of the World Competitiveness Report. European Journal of Operational Research, 1996, 90, 514-535.	5.7	30
14	Building a binary outranking relation in uncertain, imprecise and multi-experts contexts: The application of evidence theory. International Journal of Approximate Reasoning, 2009, 50, 1259-1278.	3.3	26
15	An Iterated Local Search for Solving A Location-Routing Problem. Electronic Notes in Discrete Mathematics, 2010, 36, 875-882.	0.4	25
16	Quality control system design through the goal programming model and the satisfaction functions. European Journal of Operational Research, 2008, 186, 1084-1098.	5.7	24
17	A ranking model in uncertain, imprecise and multi-experts contexts: The application of evidence theory. International Journal of Approximate Reasoning, 2011, 52, 1171-1194.	3.3	24
18	Smart routing for municipal solid waste collection: a heuristic approach. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 1865-1884.	4.9	24

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19	Integrating customer's preferences in the QFD planning process using a combined benchmarking and imprecise goal programming model. International Transactions in Operational Research, 2010, 17, 85-102.	2.7	23
20	Goal Programming Model for Fire and Emergency Service Facilities Site Selection. Infor, 2010, 48, 143-153.	0.6	18
21	Multi-objective optimization of the integrated problem of location assignment and straddle carrier scheduling in maritime container terminal at import. Journal of the Operational Research Society, 2018, 69, 247-269.	3.4	18
22	An estimation model for replicating the rankings of the world competitiveness report. International Journal of Forecasting, 1997, 13, 527-537.	6.5	17
23	Analysis of municipal solid waste collection using GIS and multi-criteria decision aid. Applied Geomatics, 2020, 12, 193-208.	2.5	17
24	A multi-product lot size in make-to-order supply chain using discrete event simulation and response surface methodology. International Journal of Services, Economics and Management, 2010, 2, 246.	0.2	15
25	ROUTING SYSTEM FOR INFECTIOUS HEALTHCARE-WASTE TRANSPORTATION IN TUNISIA: A CASE STUDY. Environmental Engineering and Management Journal, 2014, 13, 21-28.	0.6	15
26	A variable neighborhood search for the capacitated location-routing problem. , 2011, , .		14
27	Essential Particle Swarm Optimization queen with Tabu Search for MKP resolution. Computing (Vienna/New York), 2013, 95, 897-921.	4.8	14
28	A quantum particle swarm optimization for the 0â€"1 generalized knapsack sharing problem. Natural Computing, 2016, 15, 153-164.	3.0	14
29	Inferring criteria's relative importance coefficients in PROMETHEE II. International Journal of Operational Research, 2010, 7, 257.	0.2	13
30	Adaptive record-to-record travel method to solve lexicographic goal programming models. International Journal of Information and Decision Sciences, 2010, 2, 147.	0.1	12
31	A differential evolution algorithm to solve redundancy allocation problems. International Transactions in Operational Research, 2012, 19, 809-824.	2.7	12
32	A multi-criteria decision making approach based on fuzzy theory and fuzzy preference relations for urban distribution centers' location selection under uncertain environments. , 2013, , .		12
33	A case based heuristic for container stacking in seaport terminals. Advanced Engineering Informatics, 2018, 38, 658-669.	8.0	11
34	Optimisation of e-commerce logistics distribution system: problem modelling and exact resolution. International Journal of Business Performance and Supply Chain Modelling, 2014, 6, 358.	0.3	10
35	Testing the success of real-time online delivery channel adopted by higher education institutions in the United Arab Emirates during the Covid-19 pandemic. International Journal of Educational Technology in Higher Education, 2021, 18, 48.	7.6	10
36	A multiâ€start threshold accepting algorithm for multiple objective continuous optimization problems. International Journal for Numerical Methods in Engineering, 2010, 83, 1498-1517.	2.8	9

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37	A Mathematical Programming Based Procedure for Breast Cancer Classification. Mathematical Modelling and Algorithms, 2010, 9, 247-255.	0.5	8
38	Forecasting Using Elman Recurrent Neural Network. Advances in Intelligent Systems and Computing, 2017, , 488-497.	0.6	8
39	Serial correlation estimation through the imprecise Goal Programming model. European Journal of Operational Research, 2007, 177, 1839-1851.	5.7	7
40	Iterated Density Estimation with 2-opt local search for the vehicle routing problem with private fleet and common carrier. , 2009, , .		7
41	Decision-maker's preferences modelling in the engineering design through the interactive goal-programming. International Journal of Data Analysis Techniques and Strategies, 2011, 3, 85.	0.2	6
42	An interactive disaggregation approach inferring the indifference and the preference thresholds of PROMETHEE II. International Journal of Multicriteria Decision Making, 2011, 1, 365.	0.2	6
43	Apply the quantum particle swarm optimization for the K-traveling repairman problem. Soft Computing, 2019, 23, 12547-12560.	3.6	6
44	Six Sigma based multicriteria approach to improve decision settings. International Journal of Quality Engineering and Technology, 2009, 1, 99.	0.0	5
45	A case-based reasoning method for capacity identification in the Choquet integral: Application to cyclic construction operations. Journal of Manufacturing Systems, 2010, 29, 151-163.	13.9	5
46	Real-Time Stacking System for dangerous containers in seaport terminals. IFAC-PapersOnLine, 2015, 48, 141-148.	0.9	5
47	A case based reasoning based multi-agent system for the reactive container stacking in seaport terminals. Procedia Computer Science, 2017, 108, 927-936.	2.0	5
48	New Evolutionary Algorithm Based on 2-Opt Local Search to Solve the Vehicle Routing Problem with Private Fleet and Common Carrier. International Journal of Applied Metaheuristic Computing, 2011, 2, 58-82.	0.7	5
49	Optimization of Container Handling Systems in Automated Maritime Terminal. Studies in Computational Intelligence, 2013, , 301-312.	0.9	5
50	Mathematical Programming Approaches to Classification Problems. Advances in Operations Research, 2009, 2009, 1-34.	0.4	4
51	An imprecise goal programming approach for modeling design team's preferences in quality function deployment planning process. Journal of Multi-Criteria Decision Analysis, 2010, 17, 137-154.	1.9	4
52	Optimization of container handling systems in automated maritime terminals: A hybrid genetic and a tabu search algorithms. , 2013, , .		4
53	GRASP for seafaring staff scheduling: Real case. , 2013, , .		4
54	Seafaring staff scheduling. International Journal of Services and Operations Management, 2014, 19, 229.	0.2	4

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55	Traceability management system: Literature review and proposal of a system integrating risk management for hazardous products transportation. , 2015, , .		4
56	Towards an Integrated Model of Supply Chain Risks: An Alignment Between Supply Chain Characteristics and Risk Dimensions. IFIP Advances in Information and Communication Technology, 2015, , 3-16.	0.7	4
57	Location of a new banking agency in Sfax: a multi-criteria approach. International Journal of Information and Decision Sciences, 2017, 9, 45.	0.1	4
58	The VESP Model. International Journal of Risk and Contingency Management, 2018, 7, 42-66.	0.2	4
59	A mathematical programming procedure for the choice problematic. European Journal of Operational Research, 2004, 153, 297-306.	5.7	3
60	Decision-maker's preferences modelling within the interactive imprecise goal programming model. International Journal of Innovative Computing and Applications, 2010, 2, 150.	0.2	3
61	An urban traffic controller for signposted road-rail intersections. , 2011, , .		3
62	A combined AHP-GP model for nurse scheduling. , 2011, , .		3
63	An integrated Case-Based Reasoning and AHP method for personalized itinerary search. , 2011, , .		3
64	A system for the traffic control in signposted junctions. , 2011, , .		3
65	A comparative study of lot sizing problem in MTO supply chain based on simulation optimization approach. , 2011, , .		3
66	A simulation optimization approach-based genetic algorithm for lot sizing problem in a MTO sector. , 2013, , .		3
67	Mathematical modeling for a rich vehicle routing problem in E-commerce logistics distribution. , 2013, , .		3
68	Artificial bee colony metaheuristic to optimize traceability in food industry. , 2013, , .		3
69	A binarization strategy for modelling mixed data in multigroup classification. , 2013, , .		3
70	Risk assessment of hazard material transportation using FMECA approach: Case study in a Tunisian company. , 2014, , .		3
71	Toward a Knowledge Based Multi-agent Architecture for the Reactive Container Stacking in Seaport Terminals. Lecture Notes in Computer Science, 2016, , 718-728.	1.3	3
72	The First Belief Dominance: A New Approach in Evidence Theory for Comparing Basic Belief Assignments. Lecture Notes in Computer Science, 2009, , 272-283.	1.3	3

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73	A Record to Record Travel metaheuristic to minimize total dispersion in food industry. , 2010, , .		2
74	Profitable Vehicle Routing Problem with Multiple Trips: Modeling and constructive heuristics. , 2011, , .		2
75	A neural network-based simulation metamodel for a process parameters optimization: A case study. , 2011, , .		2
76	A multi-level graph coloring approach for the Bus driver's timetables: A real case study of the public transport of Sfax. , 2011, , .		2
77	On the performance of artificial ant colony to solve the dynamic vehicle routing problem. , 2011, , .		2
78	Measuring the impact of (s, S) ordering policy on the bullwhip effect by means of simulation optimization. , 2013, , .		2
79	Artificial bee colony metaheuristic to find pareto optimal solutions set for engineering design problems. , 2013, , .		2
80	Vehicle routing problem in real case application. International Journal of Operational Research, 2014, 20, 453.	0.2	2
81	A new mathematical formulation for the static demand responsive transport problem. International Journal of Operational Research, 2017, 29, 495.	0.2	2
82	The VESP Model. , 2020, , 424-452.		2
83	Application of fuzzy AHP method in measuring and prioritising perceived value in hospital ERs. International Journal of Revenue Management, 2008, 2, 123.	0.3	1
84	Tabu search metaheuristic embedded in adaptive memory procedure for the Profitable Arc Tour Problem. , 2009, , .		1
85	A variable neighbourhood search method to solve hierarchically engineering design problems. , 2009, , .		1
86	Marine fleet allocation using data mining techniques. , 2011, , .		1
87	A risk control method in the hospital environment. , 2011, , .		1
88	A new realistic modeling approach for two-echelon logistics network design. , 2013, , .		1
89	Demand Responsive Transport Problem: A new modelization of static case. , 2013, , .		1
90	Manager's preferences in the Bi-Objectives Bin Packing Problem. , 2013, , .		1

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91	A balanced approach for hazardous waste allocation problem. , 2013, , .		1
92	A product design methodology and a global optimisation model for QFD planning process. International Journal of Applied Nonlinear Science, 2014, 1, 173.	0.2	1
93	An exact method for the multi-vehicle static demand responsive transport problem based on service quality: The case of one-to-one. , 2014, , .		1
94	Iterative simulation optimisation approach-based genetic algorithm for lot-sizing problem in make-to-order sector. International Journal of Business Performance and Supply Chain Modelling, 2014, 6, 376.	0.3	1
95	Adapting the artificial bee colony metaheuristic to solve multi-objective problems. International Journal of Manufacturing Technology and Management, 2015, 29, 366.	0.1	1
96	Solving constrained optimization problems by solution-based decomposition search. Journal of Combinatorial Optimization, 2016, 32, 672-695.	1.3	1
97	A linguistic reliable quality function deployment method for the healthcare sector. International Journal of Multicriteria Decision Making, 2018, 7, 276.	0.2	1
98	New Evolutionary Algorithm Based on 2-Opt Local Search to Solve the Vehicle Routing Problem with Private Fleet and Common Carrier. , 0, , 125-148.		1
99	The evolution of rectangular bin packing problem â€" A review of research topics, applications, and cited papers. Journal of Industrial and Management Optimization, 2023, 19, 3329-3361.	1.3	1
100	Simulationmodel of Emergency Department. , 2007, , .		0
101	An Interactive Simulated Annealing Multi-agents Platform to Solve Hierarchical Scheduling Problems with Goals. Studies in Computational Intelligence, 2009, , 177-187.	0.9	0
102	Design factors analysis for instances of rich vehicle routing problem. , 2011, , .		0
103	A Decision Support System Based on Metaheuristic Model for Aircrafts Landing Problems. Lecture Notes in Computer Science, 2011, , 571-580.	1.3	0
104	Vehicle routing problem in real case application. , 2011, , .		0
105	A linguistic similarity method in case-based reasoning for performance evaluation in Tunisian banking sector. International Journal of Information and Decision Sciences, 2012, 4, 63.	0.1	0
106	Planning model in reverse logistic. , 2013, , .		0
107	Artificial Bee Colony metaheuristic to optimize Goal Programming Engineering Design Problems. , 2013, , .		0
108	A new heuristic development and implementation to a paper cutting problem: Case of AL-Khoutaf Company. , 2013, , .		0

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109	The ecological footprint as an assesment tool of the supply chain environmental performance case of a retail trade Tunisian company. , 2014, , .		0
110	2-Tuple Linguistic Aggregation Operators and Their Application in GDM Problems. Advances in Intelligent Systems and Computing, 2014, , 845-853.	0.6	0
111	Combining Taguchi approach and response surface methodolgy for lot-sizing problem in MTO environnement. , 2015, , .		0
112	A group decision-making aggregation process. Yugoslav Journal of Operations Research, 2008, 18, 205-219.	0.8	0
113	A Supply Chain Risk Index Estimation Methodological Framework Using Exposure Assessment. IFIP Advances in Information and Communication Technology, 2017, , 507-514.	0.7	0
114	Taylor-based optimized recursive extended exponential smoothed neural networks forecasting method. Applied Intelligence, 2023, 53, 7254-7277.	5.3	0