Lacomme Philippe

List of Publications by Year
in descending order

50 papers	1,840 citations	279487 23 h-index	264894 42 g-index
50 all docs	50 docs citations	50 times ranked	1307 citing authors

#	Article	IF	Citations
1	Competitive Memetic Algorithms for Arc Routing Problems. Annals of Operations Research, 2004, 131, 159-185.	2.6	218
2	A GRASPÃ—ELS approach for the capacitated location-routing problem. Computers and Operations Research, 2010, 37, 1912-1923.	2.4	154
3	Order-first split-second methods for vehicle routing problems: A review. Transportation Research Part C: Emerging Technologies, 2014, 40, 179-200.	3.9	126
4	Job-shop based framework for simultaneous scheduling of machines and automated guided vehicles. International Journal of Production Economics, 2013, 143, 24-34.	5.1	115
5	A genetic algorithm for a bi-objective capacitated arc routing problem. Computers and Operations Research, 2006, 33, 3473-3493.	2.4	113
6	Evolutionary algorithms for periodic arc routing problems. European Journal of Operational Research, 2005, 165, 535-553.	3.5	107
7	A multi-start evolutionary local search for the two-dimensional loading capacitated vehicle routing problem. Computers and Operations Research, 2011, 38, 617-640.	2.4	95
8	Lower and upper bounds for the mixed capacitated arc routing problem. Computers and Operations Research, 2006, 33, 3363-3383.	2.4	88
9	A Genetic Algorithm for the Capacitated Arc Routing Problem and Its Extensions. Lecture Notes in Computer Science, 2001, , 473-483.	1.0	85
10	An MILP for scheduling problems in an FMS with one vehicle. European Journal of Operational Research, 2009, 199, 706-722.	3.5	78
11	A memetic algorithm for the job-shop with time-lags. Computers and Operations Research, 2008, 35, 2331-2356.	2.4	58
12	Simultaneous job input sequencing and vehicle dispatching in a single-vehicle automated guided vehicle system: a heuristic branch-and-bound approach coupled with a discrete events simulation model. International Journal of Production Research, 2005, 43, 1911-1942.	4.9	43
13	Evolutionary Algorithms for Stochastic Arc Routing Problems. Lecture Notes in Computer Science, 2004, , 501-512.	1.0	41
14	A MapReduce-based approach for shortest path problem in large-scale networks. Engineering Applications of Artificial Intelligence, 2015, 41, 151-165.	4.3	40
15	An ELS-based approach with dynamic probabilities management in local search for the Dial-A-Ride Problem. Engineering Applications of Artificial Intelligence, 2016, 48, 119-133.	4.3	38
16	Supply chain optimisation with both production and transportation integration: multiple vehicles for a single perishable product. International Journal of Production Research, 2018, 56, 4313-4336.	4.9	36
17	Efficient frameworks for greedy split and new depth first search split procedures for routing problems. Computers and Operations Research, 2011, 38, 723-739.	2.4	35
18	A Multi-Start Split based Path Relinking (MSSPR) approach for the vehicle routing problem with route balancing. Engineering Applications of Artificial Intelligence, 2015, 38, 237-251.	4.3	35

#	Article	IF	Citations
19	Improving robustness of solutions to arc routing problems. Journal of the Operational Research Society, 2005, 56, 526-538.	2.1	34
20	A smartphone-driven methodology for estimating physical activities and energy expenditure in free living conditions. Journal of Biomedical Informatics, 2014, 52, 271-278.	2.5	34
21	A GRASPÃ—ELS for the vehicle routing problem with basic three-dimensional loading constraints. Engineering Applications of Artificial Intelligence, 2013, 26, 1795-1810.	4.3	32
22	A hybrid evolutionary local search with depth first search split procedure for the heterogeneous vehicle routing problems. Engineering Applications of Artificial Intelligence, 2012, 25, 345-358.	4.3	30
23	Metaheuristics for the Stochastic Hoist Scheduling Problem (SHSP). International Journal of Production Research, 2001, 39, 3419-3457.	4.9	28
24	Comparison of total energy expenditure assessed by two devices in controlled and freeâ€living conditions. European Journal of Sport Science, 2015, 15, 391-399.	1.4	19
25	First Competitive Ant Colony Scheme for the CARP. Lecture Notes in Computer Science, 2004, , 426-427.	1.0	18
26	Mathematical formulations for scheduling jobs on identical parallel machines with family setup times and total weighted completion time minimization. European Journal of Operational Research, 2021, 289, 825-840.	3.5	18
27	Resolution of a Job-Shop problem with transportation constraints: a master/slave approach. IFAC-PapersOnLine, 2016, 49, 898-903.	0.5	16
28	A GRASPÃ—ELS approach for the job-shop with a web service paradigm packaging. Expert Systems With Applications, 2014, 41, 544-562.	4.4	15
29	An acceleration vector variance based method for energy expenditure estimation in real-life environment with a smartphone/smartwatch integration. Expert Systems With Applications, 2016, 63, 435-449.	4.4	15
30	The eMouveRecherche application competes with research devices to evaluate energy expenditure, physical activity and still time in free-living conditions. Journal of Biomedical Informatics, 2017, 69, 128-134.	2.5	11
31	A Dial-a-Ride evaluation for solving the job-shop with routing considerations. Engineering Applications of Artificial Intelligence, 2018, 74, 70-89.	4.3	9
32	A new shortest path algorithm to solve the resource-constrained project scheduling problem with routing from a flow solution. Engineering Applications of Artificial Intelligence, 2017, 66, 75-86.	4.3	8
33	Use of Smartphone Accelerometers and Signal Energy for Estimating Energy Expenditure in Daily-Living Conditions. Current Biotechnology, 2015, 4, 4-15.	0.2	7
34	Multi-agent approach and stochastic optimization: random events in manufacturing systems. Journal of Intelligent Manufacturing, 1999, 10, 81-101.	4.4	6
35	Design of a monitoring environment for manufacturing systems management and optimization. International Journal of Computer Integrated Manufacturing, 2003, 16, 61-80.	2.9	6
36	Integration of routing into a resource-constrained project scheduling problem. EURO Journal on Computational Optimization, 2019, 7, 421-464.	1.5	6

#	Article	IF	Citations
37	A Multi-thread GRASPxELS for the Heterogeneous Capacitated Vehicle Routing Problem. Studies in Computational Intelligence, 2013, , 237-269.	0.7	4
38	Linear Model for Supply Chain Operational Planning and Carbon Footprint Optimization. Supply Chain Forum, 2013, 14, 40-53.	2.7	4
39	A GRASP×ELS approach for real-life Location Routing Problems. , 2009, , .		3
40	Integrated decision support system for rich vehicle routing problems. Expert Systems With Applications, 2021, 178, 114998.	4.4	3
41	A Statistical Comparison of Objective Functions for the Vehicle Routing Problem with Route Balancing. , 2016, , .		2
42	The Integrated Production and Transportation Scheduling Problem based on a GRASPÃ—ELS resolution scheme. IFAC-PapersOnLine, 2016, 49, 1466-1471.	0.5	2
43	A GRASP for Supply Chain Optimization with Financial Constraints per Production Unit. Operations Research/ Computer Science Interfaces Series, 2013, , 159-183.	0.3	2
44	2L-CVRP: A GRASP resolution scheme based on RCPSP. , 2009, , .		1
45	Determination of robust solutions for the DARP with variations in transportation time. IFAC-PapersOnLine, 2016, 49, 943-948.	0.5	1
46	Energy Intake Evaluation by a Learning Approach Using the Number of Food Portions and Body Weight. Foods, 2021, 10, 2273.	1.9	1
47	Resolution of a Job-Shop Problem with a Single Transport Robot and Buffer Facilities. , 2006, , .		0
48	Single Closest Task Assignment: a Heuristic Method for the Sectoring-Arc Routing Problem. , 2006, , .		0
49	Dial-a-ride: A tentative resolution using a multi-objective resolution scheme based on ELS. , 2009, , .		0
50	Toward Scheduling for Reconfigurable Manufacturing Systems. IFAC-PapersOnLine, 2020, 53, 10443-10448.	0.5	0