

# Caroline Prodhon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11404658/publications.pdf>

Version: 2024-02-01

36  
papers

2,710  
citations

346980

22  
h-index

488211

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1836  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Multi-period profitable tour problem with electric vehicles and mandatory stops. <i>International Journal of Sustainable Transportation</i> , 2023, 17, 473-489.                                     | 2.1 | 0         |
| 2  | An iterated local search for the biomedical sample transportation problem with multiple and interdependent pickups. <i>Journal of the Operational Research Society</i> , 2021, 72, 367-382.          | 2.1 | 7         |
| 3  | The electric location-routing problem with heterogeneous fleet: Formulation and Benders decomposition approach. <i>Computers and Operations Research</i> , 2021, 131, 105251.                        | 2.4 | 18        |
| 4  | Bicriteria Vehicle Routing Problem with Preferences and Timing Constraints in Home Health Care Services. <i>Algorithms</i> , 2019, 12, 152.  | 1.2 | 18        |
| 5  | The electric vehicle routing problem with time windows, partial recharges and satellite customers. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 130, 184-206. | 3.7 | 71        |
| 6  | A Branch and Price algorithm for the electric capacitated profitable tour problem with mandatory stops. <i>IFAC-PapersOnLine</i> , 2019, 52, 1572-1577.  | 0.5 | 5         |
| 7  | Bi-objective vehicle routing problem for hazardous materials transportation. <i>Journal of Cleaner Production</i> , 2019, 206, 976-986.  | 4.6 | 47        |
| 8  | A GENERIC TACTICAL PLANNING MODEL TO SUPPLY A BIOREFINERY WITH BIOMASS. <i>Pesquisa Operacional</i> , 2018, 38, 1-30.  | 0.1 | 5         |
| 9  | Variable neighborhood search to solve the vehicle routing problem for hazardous materials transportation. <i>Journal of Hazardous Materials</i> , 2017, 324, 472-480.                                | 6.5 | 52        |
| 10 | Metaheuristics for Vehicle Routing Problems. , 2016, , 407-437.  |     | 4         |
| 11 | A GRASP $\tilde{A}$ -ILS for the vehicle routing problem with time windows, synchronization and precedence constraints. <i>Expert Systems With Applications</i> , 2016, 66, 274-294.                 | 4.4 | 65        |
| 12 | Models for optimization and performance evaluation of biomass supply chains: An Operations Research perspective. <i>Renewable Energy</i> , 2016, 87, 977-989.  | 4.3 | 149       |
| 13 | A Branch-and-Cut Algorithm for the Single Truck and Trailer Routing Problem with Satellite Depots. <i>Transportation Science</i> , 2016, 50, 735-749.  | 2.6 | 22        |
| 14 | A survey of recent research on location-routing problems. <i>European Journal of Operational Research</i> , 2014, 238, 1-17.   | 3.5 | 501       |
| 15 | Order-first split-second methods for vehicle routing problems: A review. <i>Transportation Research Part C: Emerging Technologies</i> , 2014, 40, 179-200.   | 3.9 | 126       |
| 16 | A matheuristic for the truck and trailer routing problem. <i>European Journal of Operational Research</i> , 2013, 230, 231-244.  | 3.5 | 99        |
| 17 | A Multi-thread GRASP $\times$ ELS for the Heterogeneous Capacitated Vehicle Routing Problem. <i>Studies in Computational Intelligence</i> , 2013, , 237-269.   | 0.7 | 4         |
| 18 | Solving the two-echelon location routing problem by a GRASP reinforced by a learning process and path relinking. <i>European Journal of Operational Research</i> , 2012, 216, 113-126.               | 3.5 | 162       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | A multi-start iterated local search with tabu list and path relinking for the two-echelon location-routing problem. <i>Engineering Applications of Artificial Intelligence</i> , 2012, 25, 56-71.           | 4.3 | 131       |
| 20 | A hybrid evolutionary local search with depth first search split procedure for the heterogeneous vehicle routing problems. <i>Engineering Applications of Artificial Intelligence</i> , 2012, 25, 345-358.  | 4.3 | 30        |
| 21 | A Branch-and-Cut method for the Capacitated Location-Routing Problem. <i>Computers and Operations Research</i> , 2011, 38, 931-941.   | 2.4 | 193       |
| 22 | Efficient frameworks for greedy split and new depth first search split procedures for routing problems. <i>Computers and Operations Research</i> , 2011, 38, 723-739.                                       | 2.4 | 35        |
| 23 | A GRASP with evolutionary path relinking for the truck and trailer routing problem. <i>Computers and Operations Research</i> , 2011, 38, 1319-1334.   | 2.4 | 91        |
| 24 | A hybrid evolutionary algorithm for the periodic location-routing problem. <i>European Journal of Operational Research</i> , 2011, 210, 204-212.  | 3.5 | 78        |
| 25 | A GRASP&#x00A0;—ELS approach for the capacitated location-routing problem. <i>Computers and Operations Research</i> , 2010, 37, 1912-1923.  | 2.4 | 154       |
| 26 | GRASP/VND and multi-start evolutionary local search for the single truck and trailer routing problem with satellite depots. <i>Engineering Applications of Artificial Intelligence</i> , 2010, 23, 780-794. | 4.3 | 83        |
| 27 | A Multi-Start Evolutionary Local Search for the Two-Echelon Location Routing Problem. <i>Lecture Notes in Computer Science</i> , 2010, , 88-102.  | 1.0 | 25        |
| 28 | A GRASP&#x00D7;ELS approach for real-life Location Routing Problems. , 2009, , .  |     | 3         |
| 29 | An ELS&#x00D7;Path Relinking Hybrid for the Periodic Location-Routing Problem. <i>Lecture Notes in Computer Science</i> , 2009, , 15-29.  | 1.0 | 7         |
| 30 | Evolutionary Optimization for Plasmon-Assisted Lithography. <i>Lecture Notes in Computer Science</i> , 2009, , 420-425.   | 1.0 | 0         |
| 31 | A Memetic Algorithm with Population Management (MA   PM) for the Periodic Location-Routing Problem. <i>Lecture Notes in Computer Science</i> , 2008, , 43-57.   | 1.0 | 23        |
| 32 | A Metaheuristic for the Periodic Location-Routing Problem. , 2008, , 159-164.   |     | 5         |
| 33 | Solving the Capacitated Location-Routing Problem by a Cooperative Lagrangean Relaxation-Granular Tabu Search Heuristic. <i>Transportation Science</i> , 2007, 41, 470-483.                                  | 2.6 | 222       |
| 34 | Solving the capacitated location-routing problem. <i>4or</i> , 2007, 5, 339-342.  | 1.0 | 1         |
| 35 | Solving the capacitated location-routing problem by a GRASP complemented by a learning process and a path relinking. <i>4or</i> , 2006, 4, 221-238.   | 1.0 | 203       |
| 36 | A Branch and Cut method for the Capacitated Location-Routing Problem. , 2006, , .   |     | 9         |