

# Cinzia Cirillo

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,117  
citations

361413

20  
h-index

454955

30  
g-index

65  
all docs

65  
docs citations

65  
times ranked

960  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | An interpretable machine learning approach to understanding the impacts of attitudinal and ridesourcing factors on electric vehicle adoption. <i>Transportation Letters</i> , 2023, 15, 30-41.           | 3.1  | 9         |
| 2  | Estimating Vehicle Ownership and Use in Beijing Before the License-Plate Lottery. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2022, 148, .                                     | 1.7  | 1         |
| 3  | A statistical approach to small area synthetic population generation as a basis for carless evacuation planning. <i>Journal of Transport Geography</i> , 2021, 90, 102902.                               | 5.0  | 2         |
| 4  | Updating and transferring Random Effect models: The case of operating speed percentile estimation. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 148, 286-304.                     | 4.2  | 0         |
| 5  | Classification of potential electric vehicle purchasers: A machine learning approach. <i>Technological Forecasting and Social Change</i> , 2021, 168, 120759.  | 11.6 | 22        |
| 6  | Counting vehicle miles traveled: What can we learn from the NHTS?. <i>Transportation Research, Part D: Transport and Environment</i> , 2021, 98, 102984.   | 6.8  | 7         |
| 7  | Space-time dynamics: A modeling approach for commuting departure time on linked datasets. <i>Journal of Transport Geography</i> , 2020, 82, 102548.  | 5.0  | 4         |
| 8  | Modeling sequences of discrete and continuous variables over time with an application to the vehicle ownership and usage problem. <i>Transportmetrica B</i> , 2020, 8, 332-350.                          | 2.3  | 0         |
| 9  | Coupling National Performance Management Research Data Set and the Highway Performance Monitoring System Datasets on a Geospatial Level. <i>Transportation Research Record</i> , 2019, 2673, 583-592.    | 1.9  | 3         |
| 10 | On Modelling Human Population Characteristics with Copulas. <i>Procedia Computer Science</i> , 2019, 151, 210-217.   | 2.0  | 0         |
| 11 | Lateral Movement Decision Model for Powered Two-Wheelers in Taiwan. <i>Transportation Research Record</i> , 2019, 2673, 686-697.   | 1.9  | 10        |
| 12 | Exploring, understanding, and modeling the reciprocal relation between leisure and subjective well-being. <i>Transportation Research, Part A: Policy and Practice</i> , 2019, 130, 813-824.              | 4.2  | 5         |
| 13 | A generalized dynamic discrete choice model for green vehicle adoption. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 114, 288-302.  | 4.2  | 10        |
| 14 | Dynamic discrete choice model for railway ticket cancellation and exchange decisions. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2018, 110, 137-146.                  | 7.4  | 14        |
| 15 | Activity involvement and time spent on computers for leisure: an econometric analysis on the American Time Use Survey dataset. <i>Transportation</i> , 2018, 45, 429-449.                                | 4.0  | 8         |
| 16 | Modeling green vehicle adoption: An integrated approach for policy evaluation. <i>International Journal of Sustainable Transportation</i> , 2018, 12, 473-483.   | 4.1  | 16        |
| 17 | Synthetic time series technique for predicting network-wide road traffic. <i>Statistical Journal of the IAOS</i> , 2018, 34, 425-437.  | 0.4  | 0         |
| 18 | Transferring Time-Series Discrete Choice to Link-Based Route Choice in Space: Estimating Vehicle Type Preference using Recursive Logit Model. <i>Transportation Research Record</i> , 2018, 2672, 81-90. | 1.9  | 2         |

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|----|---|-----|-----------|
| 19 | Simulation, numerical approximation and closed forms for joint discrete continuous models with an application to household vehicle ownership and use. <i>Transportation</i> , 2017, 44, 1105-1125.                            | 4.0 | 11        |
| 20 | Modelling correlation patterns in mode choice models estimated on multiday travel data. <i>Transportation Research, Part A: Policy and Practice</i> , 2017, 96, 146-153.  | 4.2 | 21        |
| 21 | On negative correlation: a comparison between Multinomial Probit and GEV-based discrete choice models. <i>Transportmetrica A: Transport Science</i> , 2017, 13, 356-379.  | 2.0 | 3         |
| 22 | A time-dependent stated preference approach to measuring vehicle type preferences and market elasticity of conventional and green vehicles. <i>Transportation Research, Part A: Policy and Practice</i> , 2017, 100, 294-310. | 4.2 | 25        |
| 23 | Innovation adoption modeling in transportation: New models and data. <i>Journal of Choice Modelling</i> , 2017, 25, 61-68.  | 2.3 | 19        |
| 24 | A Generalized Dynamic Discrete Choice Model for Green Vehicle Adoption. <i>Transportation Research Procedia</i> , 2017, 23, 868-886.  | 1.5 | 10        |
| 25 | The optimal time to evacuate: A behavioral dynamic model on Louisiana resident data. <i>Transportation Research Part B: Methodological</i> , 2017, 106, 447-463.  | 5.9 | 12        |
| 26 | Exploring the impact of residential relocation on modal shift in commute trips: Evidence from a quasi-longitudinal analysis. <i>Transport Policy</i> , 2017, 59, 142-152.   | 6.6 | 30        |
| 27 | Methodology to Backcalculate Individual Speed Data Originally Aggregated by Road Detectors. <i>Transportation Research Record</i> , 2017, 2659, 1-14.   | 1.9 | 3         |
| 28 | Small area estimation of vehicle ownership and use. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 47, 136-148.  | 6.8 | 11        |
| 29 | An indirect latent informational conformity social influence choice model: Formulation and case study. <i>Transportation Research Part B: Methodological</i> , 2016, 93, 75-101.  | 5.9 | 16        |
| 30 | Night-time and daytime operating speed distribution in urban arterials. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2016, 42, 56-69.  | 3.7 | 19        |
| 31 | Evaluating policies to reduce greenhouse gas emissions from private transportation. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 44, 219-233.  | 6.8 | 31        |
| 32 | Transportation needs of low income population: a policy analysis for the Washington D.C. metropolitan region. <i>Public Transport</i> , 2016, 8, 103-123.   | 2.7 | 15        |
| 33 | Random Effect Models to Predict Operating Speed Distribution on Rural Two-Lane Highways. <i>Journal of Transportation Engineering</i> , 2016, 142, .  | 0.9 | 18        |
| 34 | A Dynamic Formulation for Car Ownership Modeling. <i>Transportation Science</i> , 2016, 50, 322-335.  | 4.4 | 27        |
| 35 | Model System to Evaluate Impacts of Vehicle Purchase Tax and Fuel Tax on Household Greenhouse Gas Emissions. <i>Transportation Research Record</i> , 2015, 2503, 51-59.   | 1.9 | 11        |
| 36 | Customer heterogeneity in revenue management for railway services. <i>Journal of Revenue and Pricing Management</i> , 2015, 14, 28-49.  | 1.1 | 8         |

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|----|--|-----|-----------|
| 37 | Generalized behavioral framework for choice models of social influence: Behavioral and data concerns in travel behavior. <i>Journal of Transport Geography</i> , 2015, 46, 137-150.                                      | 5.0 | 58        |
| 38 | Ridesharing as a Green Commute Alternative: A Campus Case Study. <i>International Journal of Sustainable Transportation</i> , 2015, 9, 377-388.  | 4.1 | 43        |
| 39 | Measuring transit service impacts on vehicle ownership and use. <i>Public Transport</i> , 2015, 7, 203-222.  | 2.7 | 11        |
| 40 | Measuring value of travel time and travel time variability in the presence of managed lanes: results from a pilot stated preference survey on the Capital Beltway. <i>Transportation Letters</i> , 2014, 6, 23-35.       | 3.1 | 6         |
| 41 | A latent class choice based model system for railway optimal pricing and seat allocation. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2014, 61, 68-83.                                 | 7.4 | 85        |
| 42 | Understanding variability, habit and the effect of long period activity plan in modal choices: a day to day, week to week analysis on panel data. <i>Transportation</i> , 2014, 41, 1245-1262.                           | 4.0 | 32        |
| 43 | An integrated model for discrete and continuous decisions with application to vehicle ownership, type and usage choices. <i>Transportation Research, Part A: Policy and Practice</i> , 2014, 69, 315-328.                | 4.2 | 21        |
| 44 | The effects of road geometrics and traffic regulations on driver-preferred speeds in northern Italy. An exploratory analysis. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2014, 25, 10-26. | 3.7 | 24        |
| 45 | Accessibility of Low-Income Populations to Safe Zones during Localized Evacuations. <i>Transportation Research Record</i> , 2014, 2459, 72-80.   | 1.9 | 2         |
| 46 | Accommodating taste heterogeneity in railway passenger choice models based on internet booking data. <i>Journal of Choice Modelling</i> , 2013, 6, 1-16.   | 2.3 | 35        |
| 47 | Vehicle Ownership Modeling Framework for the State of Maryland: Analysis and Trends from 2001 and 2009 NHTS Data. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2013, 139, 1-11.                 | 1.7 | 13        |
| 48 | Measuring Future Vehicle Preferences. <i>Transportation Research Record</i> , 2012, 2285, 100-109.   | 1.9 | 24        |
| 49 | Discrete Choice Estimator Properties for Finite Population and Simulation Sample Sizes. <i>Transportation Research Record</i> , 2012, 2302, 23-28.   | 1.9 | 0         |
| 50 | A Model of Weekly Labor Participation for a Belgian Synthetic Population. <i>Networks and Spatial Economics</i> , 2012, 12, 59-73.   | 1.6 | 2         |
| 51 | Dynamic Discrete Choice Models for Transportation. <i>Transport Reviews</i> , 2011, 31, 473-494.   | 8.8 | 30        |
| 52 | Discrete choice model for Amtrak Acela Express revenue management. <i>Journal of Revenue and Pricing Management</i> , 2011, 10, 492-513.   | 1.1 | 7         |
| 53 | On the Information Matrix in Mixed Logit Models Estimation. <i>Transportation Research Record</i> , 2011, 2254, 11-18.   | 1.9 | 0         |
| 54 | On the Asymmetric User Perception of Transit Service Quality. <i>International Journal of Sustainable Transportation</i> , 2011, 5, 216-232.   | 4.1 | 87        |

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|----|---|-----|-----------|
| 55 | Validation and Forecasts in Models Estimated from Multiday Travel Survey. <i>Transportation Research Record</i> , 2010, 2175, 57-64.  | 1.9 | 21        |
| 56 | Dynamic model of activity-type choice and scheduling. <i>Transportation</i> , 2010, 37, 15-38.  | 4.0 | 35        |
| 57 | Formulation and solution strategies for nonparametric nonlinear stochastic programmes with an application in finance. <i>Optimization</i> , 2010, 59, 355-376.  | 1.7 | 1         |
| 58 | Estimating Nonparametric Random Utility Models with an Application to the Value of Time in Heterogeneous Populations. <i>Transportation Science</i> , 2010, 44, 537-549.                                | 4.4 | 26        |
| 59 | Forecasting Cybercar Use for Airport Ground Access: Case Study at Baltimore Washington International Airport. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2010, 136, 186-194. | 1.7 | 16        |
| 60 | Reducing simulation bias in mixed logit model estimation. <i>Journal of Choice Modelling</i> , 2010, 3, 71-88.  | 2.3 | 7         |
| 61 | Assessment of User Benefits in Presence of Random Taste Heterogeneity. <i>Transportation Research Record</i> , 2009, 2132, 78-86.   | 1.9 | 4         |
| 62 | Application of an adaptive Monte Carlo algorithm to mixed logit estimation. <i>Transportation Research Part B: Methodological</i> , 2006, 40, 577-593.  | 5.9 | 24        |
| 63 | Convergence theory for nonconvex stochastic programming with an application to mixed logit. <i>Mathematical Programming</i> , 2006, 108, 207-234.   | 2.4 | 57        |
| 64 | An adaptive Monte Carlo algorithm for computing mixed logit estimators. <i>Computational Management Science</i> , 2006, 3, 55-79.   | 1.3 | 41        |
| 65 | Evaluation of Optimization Methods for Estimating Mixed Logit Models. <i>Transportation Research Record</i> , 2005, 1921, 35-43.  | 1.9 | 2         |