Cinzia Cirillo

List of Publications by Year
in descending order

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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	On the Asymmetric User Perception of Transit Service Quality. International Journal of Sustainable Transportation, 2011, 5, 216-232.	4.1	87
2	A latent class choice based model system for railway optimal pricing and seat allocation. Transportation Research, Part E: Logistics and Transportation Review, 2014, 61, 68-83.	7.4	85
3	Generalized behavioral framework for choice models of social influence: Behavioral and data concerns in travel behavior. Journal of Transport Geography, 2015, 46, 137-150.	5.0	58
4	Convergence theory for nonconvex stochastic programming with an application to mixed logit. Mathematical Programming, 2006, 108, 207-234.	2.4	57
5	Ridesharing as a Green Commute Alternative: A Campus Case Study. International Journal of Sustainable Transportation, 2015, 9, 377-388.	4.1	43
6	An adaptive Monte Carlo algorithm for computing mixed logit estimators. Computational Management Science, 2006, 3, 55-79.	1.3	41
7	Dynamic model of activity-type choice and scheduling. Transportation, 2010, 37, 15-38.	4.0	35
8	Accommodating taste heterogeneity in railway passenger choice models based on internet booking data. Journal of Choice Modelling, 2013, 6, 1-16.	2.3	35
9	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. Transportation, 2014, 41, 1245-1262.	4.0	32
10	Evaluating policies to reduce greenhouse gas emissions from private transportation. Transportation Research, Part D: Transport and Environment, 2016, 44, 219-233.	6.8	31
11	Dynamic Discrete Choice Models for Transportation. Transport Reviews, 2011, 31, 473-494.	8.8	30
12	Exploring the impact of residential relocation on modal shift in commute trips: Evidence from a quasi-longitudinal analysis. Transport Policy, 2017, 59, 142-152.	6.6	30
13	A Dynamic Formulation for Car Ownership Modeling. Transportation Science, 2016, 50, 322-335.	4.4	27
14	Estimating Nonparametric Random Utility Models with an Application to the Value of Time in Heterogeneous Populations. Transportation Science, 2010, 44, 537-549.	4.4	26
15	A time-dependent stated preference approach to measuring vehicle type preferences and market elasticity of conventional and green vehicles. Transportation Research, Part A: Policy and Practice, 2017, 100, 294-310.	4.2	25
16	Application of an adaptive Monte Carlo algorithm to mixed logit estimation. Transportation Research Part B: Methodological, 2006, 40, 577-593.	5.9	24
17	Measuring Future Vehicle Preferences. Transportation Research Record, 2012, 2285, 100-109.	1.9	24
18	The effects of road geometrics and traffic regulations on driver-preferred speeds in northern Italy. An exploratory analysis. Transportation Research Part F: Traffic Psychology and Behaviour, 2014, 25, 10-26.	3.7	24

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19	Classification of potential electric vehicle purchasers: A machine learning approach. Technological Forecasting and Social Change, 2021, 168, 120759.	11.6	22
20	Validation and Forecasts in Models Estimated from Multiday Travel Survey. Transportation Research Record, 2010, 2175, 57-64.	1.9	21
21	An integrated model for discrete and continuous decisions with application to vehicle ownership, type and usage choices. Transportation Research, Part A: Policy and Practice, 2014, 69, 315-328.	4.2	21
22	Modelling correlation patterns in mode choice models estimated on multiday travel data. Transportation Research, Part A: Policy and Practice, 2017, 96, 146-153.	4.2	21
23	Night-time and daytime operating speed distribution in urban arterials. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 42, 56-69.	3.7	19
24	Innovation adoption modeling in transportation: New models and data. Journal of Choice Modelling, 2017, 25, 61-68.	2.3	19
25	Random Effect Models to Predict Operating Speed Distribution on Rural Two-Lane Highways. Journal of Transportation Engineering, 2016, 142, .	0.9	18
26	Forecasting Cybercar Use for Airport Ground Access: Case Study at Baltimore Washington International Airport. Journal of the Urban Planning and Development Division, ASCE, 2010, 136, 186-194.	1.7	16
27	An indirect latent informational conformity social influence choice model: Formulation and case study. Transportation Research Part B: Methodological, 2016, 93, 75-101.	5.9	16
28	Modeling green vehicle adoption: An integrated approach for policy evaluation. International Journal of Sustainable Transportation, 2018, 12, 473-483.	4.1	16
29	Transportation needs of low income population: a policy analysis for the Washington D.C. metropolitan region. Public Transport, 2016, 8, 103-123.	2.7	15
30	Dynamic discrete choice model for railway ticket cancellation and exchange decisions. Transportation Research, Part E: Logistics and Transportation Review, 2018, 110, 137-146.	7.4	14
31	Vehicle Ownership Modeling Framework for the State of Maryland: Analysis and Trends from 2001 and 2009 NHTS Data. Journal of the Urban Planning and Development Division, ASCE, 2013, 139, 1-11.	1.7	13
32	The optimal time to evacuate: A behavioral dynamic model on Louisiana resident data. Transportation Research Part B: Methodological, 2017, 106, 447-463.	5.9	12
33	Model System to Evaluate Impacts of Vehicle Purchase Tax and Fuel Tax on Household Greenhouse Gas Emissions. Transportation Research Record, 2015, 2503, 51-59.	1.9	11
34	Measuring transit service impacts on vehicle ownership and use. Public Transport, 2015, 7, 203-222.	2.7	11
35	Small area estimation of vehicle ownership and use. Transportation Research, Part D: Transport and Environment, 2016, 47, 136-148.	6.8	11
36	Simulation, numerical approximation and closed forms for joint discrete continuous models with an application to household vehicle ownership and use. Transportation, 2017, 44, 1105-1125.	4.0	11

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37	A Generalized Dynamic Discrete Choice Model for Green Vehicle Adoption. Transportation Research Procedia, 2017, 23, 868-886.	1.5	10
38	A generalized dynamic discrete choice model for green vehicle adoption. Transportation Research, Part A: Policy and Practice, 2018, 114, 288-302.	4.2	10
39	Lateral Movement Decision Model for Powered Two-Wheelers in Taiwan. Transportation Research Record, 2019, 2673, 686-697.	1.9	10
40	An interpretable machine learning approach to understanding the impacts of attitudinal and ridesourcing factors on electric vehicle adoption. Transportation Letters, 2023, 15, 30-41.	3.1	9
41	Customer heterogeneity in revenue management for railway services. Journal of Revenue and Pricing Management, 2015, 14, 28-49.	1.1	8
42	Activity involvement and time spent on computers for leisure: an econometric analysis on the American Time Use Survey dataset. Transportation, 2018, 45, 429-449.	4.0	8
43	Reducing simulation bias in mixed logit model estimation. Journal of Choice Modelling, 2010, 3, 71-88.	2.3	7
44	Discrete choice model for Amtrak Acela Express revenue management. Journal of Revenue and Pricing Management, 2011, 10, 492-513.	1.1	7
45	Counting vehicle miles traveled: What can we learn from the NHTS?. Transportation Research, Part D: Transport and Environment, 2021, 98, 102984.	6.8	7
46	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. Transportation Letters, 2014, 6, 23-35.	3.1	6
47	Exploring, understanding, and modeling the reciprocal relation between leisure and subjective well-being. Transportation Research, Part A: Policy and Practice, 2019, 130, 813-824.	4.2	5
48	Assessment of User Benefits in Presence of Random Taste Heterogeneity. Transportation Research Record, 2009, 2132, 78-86.	1.9	4
49	Space-time dynamics: A modeling approach for commuting departure time on linked datasets. Journal of Transport Geography, 2020, 82, 102548.	5.0	4
50	On negative correlation: a comparison between Multinomial Probit and GEV-based discrete choice models. Transportmetrica A: Transport Science, 2017, 13, 356-379.	2.0	3
51	Methodology to Backcalculate Individual Speed Data Originally Aggregated by Road Detectors. Transportation Research Record, 2017, 2659, 1-14.	1.9	3
52	Coupling National Performance Management Research Data Set and the Highway Performance Monitoring System Datasets on a Geospatial Level. Transportation Research Record, 2019, 2673, 583-592.	1.9	3
53	Evaluation of Optimization Methods for Estimating Mixed Logit Models. Transportation Research Record, 2005, 1921, 35-43.	1.9	2
54	A Model of Weekly Labor Participation for a Belgian Synthetic Population. Networks and Spatial Economics, 2012, 12, 59-73.	1.6	2

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55	Accessibility of Low-Income Populations to Safe Zones during Localized Evacuations. Transportation Research Record, 2014, 2459, 72-80.	1.9	2
56	Transferring Time-Series Discrete Choice to Link-Based Route Choice in Space: Estimating Vehicle Type Preference using Recursive Logit Model. Transportation Research Record, 2018, 2672, 81-90.	1.9	2
57	A statistical approach to small area synthetic population generation as a basis for carless evacuation planning. Journal of Transport Geography, 2021, 90, 102902.	5.0	2
58	Formulation and solution strategies for nonparametric nonlinear stochastic programmes with an application in finance. Optimization, 2010, 59, 355-376.	1.7	1
59	Estimating Vehicle Ownership and Use in Beijing Before the License-Plate Lottery. Journal of the Urban Planning and Development Division, ASCE, 2022, 148, .	1.7	1
60	On the Information Matrix in Mixed Logit Models Estimation. Transportation Research Record, 2011, 2254, 11-18.	1.9	0
61	Discrete Choice Estimator Properties for Finite Population and Simulation Sample Sizes. Transportation Research Record, 2012, 2302, 23-28.	1.9	0
62	Synthetic time series technique for predicting network-wide road traffic. Statistical Journal of the IAOS, 2018, 34, 425-437.	0.4	0
63	On Modelling Human Population Characteristics with Copulas. Procedia Computer Science, 2019, 151, 210-217.	2.0	0
64	Modeling sequences of discrete and continuous variables over time with an application to the vehicle ownership and usage problem. Transportmetrica B, 2020, 8, 332-350.	2.3	0
65	Updating and transferring Random Effect models: The case of operating speed percentile estimation. Transportation Research, Part A: Policy and Practice, 2021, 148, 286-304.	4.2	0