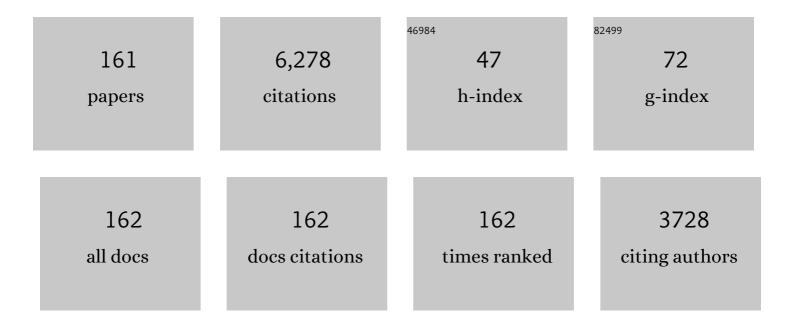
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Machine learning approaches for estimating commercial building energy consumption. Applied Energy, 2017, 208, 889-904.	5.1	307
2	A behavioral choice model of the use of car-sharing and ride-sourcing services. Transportation, 2017, 44, 1307-1323.	2.1	286
3	Modeling Individual Preferences for Ownership and Sharing of Autonomous Vehicle Technologies. Transportation Research Record, 2017, 2665, 1-10.	1.0	215
4	A conceptual analysis of the impact of travel demand management on private car use. Transport Policy, 2002, 9, 59-70.	3.4	196
5	An exploration of the relationship between mode choice and complexity of trip chaining patterns. Transportation Research Part B: Methodological, 2007, 41, 96-113.	2.8	187
6	Impact of telecommuting on spatial and temporal patterns of household travel. Transportation, 1991, 18, 383.	2.1	171
7	Micro-simulation of daily activity-travel patterns for travel demand forecasting. Transportation, 2000, 27, 25-51.	2.1	163
8	Modeling the choice continuum: an integrated model of residential location, auto ownership, bicycle ownership, and commute tour mode choice decisions. Transportation, 2011, 38, 933-958.	2.1	157
9	Activity patterns, time use, and travel of millennials: a generation in transition?. Transport Reviews, 2016, 36, 558-584.	4.7	143
10	A simultaneous equations model of crash frequency by collision type for rural intersections. Safety Science, 2009, 47, 443-452.	2.6	134
11	Consumer preferences and willingness to pay for advanced vehicle technology options and fuel types. Transportation Research Part C: Emerging Technologies, 2015, 60, 511-524.	3.9	123
12	Modeling residential sorting effects to understand the impact of the built environment on commute mode choice. Transportation, 2007, 34, 557-573.	2.1	119
13	Modeling crashes involving pedestrians and motorized traffic. Safety Science, 2003, 41, 627-640.	2.6	114
14	A structural equations analysis of commuters' activity and travel patterns. Transportation, 2001, 28, 33-54.	2.1	113
15	An activity-based microsimulation analysis of transportation control measures. Transport Policy, 1997, 4, 183-192.	3.4	94
16	A copula-based joint multinomial discrete–continuous model of vehicle type choice and miles of travel. Transportation, 2009, 36, 403-422.	2.1	89
17	Modeling intra-household interactions and group decision-making. Transportation, 2005, 32, 443-448.	2.1	83
18	Modeling Injury Severity of Multiple Occupants of Vehicles. Transportation Research Record, 2010, 2165, 1-11.	1.0	83

RAM M PENDYALA

#	Article	IF	CITATIONS
19	On the formulation of time-space prisms to model constraints on personal activity-travel engagement. Transportation, 2002, 29, 73-94.	2.1	80
20	Application of an activity-based travel-demand model incorporating a rule-based algorithm. Environment and Planning B: Planning and Design, 1998, 25, 753-772.	1.7	79
21	Accommodating spatial correlation across choice alternatives in discrete choice models: an application to modeling residential location choice behavior. Journal of Transport Geography, 2011, 19, 294-303.	2.3	79
22	Assessment of Intermodal Transfer Penalties Using Stated Preference Data. Transportation Research Record, 1997, 1607, 74-80.	1.0	72
23	Development of Time-of-Day–Based Transit Accessibility Analysis Tool. Transportation Research Record, 2002, 1799, 35-41.	1.0	72
24	Florida Activity Mobility Simulator: Overview and Preliminary Validation Results. Transportation Research Record, 2005, 1921, 123-130.	1.0	72
25	A joint flexible econometric model system of household residential location and vehicle fleet composition/usage choices. Transportation, 2010, 37, 603-626.	2.1	69
26	A household-level activity pattern generation model with an application for Southern California. Transportation, 2013, 40, 1063-1086.	2.1	69
27	Florida Activity Mobility Simulator. Transportation Research Record, 2005, 1921, 123-130.	1.0	68
28	Generation of Synthetic Daily Activity-Travel Patterns. Transportation Research Record, 1997, 1607, 154-162.	1.0	67
29	Joint Model of Choice of Residential Neighborhood and Bicycle Ownership. Transportation Research Record, 2008, 2082, 17-26.	1.0	66
30	Integrated Model of Residential Location, Work Location, Vehicle Ownership, and Commute Tour Characteristics. Transportation Research Record, 2013, 2382, 162-172.	1.0	66
31	Parking Infrastructure: A Constraint on or Opportunity for Urban Redevelopment? A Study of Los Angeles County Parking Supply and Growth. Journal of the American Planning Association, 2015, 81, 268-286.	0.9	66
32	A simultaneous equations model of crash frequency by severity level for freeway sections. Accident Analysis and Prevention, 2013, 57, 140-149.	3.0	63
33	The potential stickiness of pandemic-induced behavior changes in the United States. Proceedings of the United States of America, 2021, 118, .	3.3	63
34	Modeling Interdependence in Household Residence and Workplace Choices. Transportation Research Record, 2007, 2003, 84-92.	1.0	61
35	Development of Indicators of Opportunity-Based Accessibility. Transportation Research Record, 2011, 2255, 58-68.	1.0	60
36	An analysis of weekly out-of-home discretionary activity participation and time-use behavior. Transportation, 2009, 36, 483-510.	2.1	59

3

#	Article	IF	CITATIONS
37	Analysis of the Role of Traveler Attitudes and Perceptions in Explaining Mode-Choice Behavior. Transportation Research Record, 1999, 1676, 68-76.	1.0	58
38	Modeling the Connection between Activity-Travel Patterns and Subjective Well-Being. Transportation Research Record, 2013, 2382, 102-111.	1.0	57
39	A comparison of online and in-person activity engagement: The case of shopping and eating meals. Transportation Research Part C: Emerging Technologies, 2020, 114, 643-656.	3.9	57
40	An analysis of children's leisure activity engagement: examining the day of week, location, physical activity level, and fixity dimensions. Transportation, 2008, 35, 673-696.	2.1	55
41	Model for Children's School Travel Mode Choice. Transportation Research Record, 2011, 2213, 78-86.	1.0	55
42	Accommodating multiple constraints in the multiple discrete–continuous extreme value (MDCEV) choice model. Transportation Research Part B: Methodological, 2012, 46, 729-743.	2.8	54
43	Understanding Travel Time Expenditures Around the World: Exploring the Notion of a Travel Time Frontier. Transportation, 2007, 34, 51-65.	2.1	52
44	Discrete choice models of traveler participation in differential time of day pricing programs. Transport Policy, 2002, 9, 241-251.	3.4	51
45	Reexamining the Influence of Work and Nonwork Accessibility on Residential Location Choices with a Microanalytic Framework. Environment and Planning A, 2010, 42, 913-930.	2.1	50
46	Integrated Land Use–Transport Model System with Dynamic Time-Dependent Activity–Travel Microsimulation. Transportation Research Record, 2012, 2303, 19-27.	1.0	50
47	Parental Attitudes toward Children Walking and Bicycling to School. Transportation Research Record, 2012, 2323, 46-55.	1.0	49
48	A repeated cross-sectional evaluation of car ownership. Transportation, 1995, 22, 165-184.	2.1	48
49	Time use and activity perspectives in travel behavior research. Transportation, 2002, 29, 1-4.	2.1	41
50	An Exploration of the Relationship between Timing and Duration of Maintenance Activities. Transportation, 2004, 31, 429-456.	2.1	41
51	A comprehensive analysis of household transportation expenditures relative to other goods and services: an application to United States consumer expenditure data. Transportation, 2010, 37, 363-390.	2.1	40
52	Estimating key traffic state parameters through parsimonious spatial queue models. Transportation Research Part C: Emerging Technologies, 2022, 137, 103596.	3.9	40
53	Analysis of the Impact of Technology Use on Multimodality and Activity Travel Characteristics. Transportation Research Record, 2017, 2666, 19-28.	1.0	39
54	An application of a rank ordered probit modeling approach to understanding level of interest in autonomous vehicles. Transportation, 2018, 45, 1623-1637.	2.1	38

RAM M PENDYALA

#	Article	IF	CITATIONS
55	Estimating residential energy consumption in metropolitan areas: A microsimulation approach. Energy, 2018, 155, 162-173.	4.5	38
56	A stepwise interpretable machine learning framework using linear regression (LR) and long short-term memory (LSTM): City-wide demand-side prediction of yellow taxi and for-hire vehicle (FHV) service. Transportation Research Part C: Emerging Technologies, 2020, 120, 102786.	3.9	38
57	A comprehensive modeling framework for transportation-induced population exposure assessment. Transportation Research, Part D: Transport and Environment, 2016, 46, 94-113.	3.2	36
58	Quantifying the relative contribution of factors to household vehicle miles of travel. Transportation Research, Part D: Transport and Environment, 2018, 63, 23-36.	3.2	36
59	Freight Travel Demand Modeling: Synthesis of Approaches and Development of a Framework. Transportation Research Record, 2000, 1725, 9-16.	1.0	35
60	Impact of Variable Pricing on Temporal Distribution of Travel Demand. Transportation Research Record, 2001, 1747, 36-43.	1.0	35
61	Stochastic Frontier Models of Prism Vertices. Transportation Research Record, 2000, 1718, 18-26.	1.0	33
62	An econometric multi-dimensional choice model of activity-travel behavior. Transportation Letters, 2010, 2, 217-230.	1.8	33
63	Fusing Multiple Sources of Data to Understand Ride-Hailing Use. Transportation Research Record, 2019, 2673, 214-224.	1.0	33
64	Characteristics of premium transit services that affect mode choice. Transportation, 2011, 38, 605-623.	2.1	32
65	Understanding Residential Mobility. Transportation Research Record, 2009, 2133, 64-74.	1.0	31
66	Accommodating Immigration Status and Self-Selection Effects in a Joint Model of Household Auto Ownership and Residential Location Choice. Transportation Research Record, 2013, 2382, 142-150.	1.0	31
67	Accounting for multi-dimensional dependencies among decision-makers within a generalized model framework: An application to understanding shared mobility service usage levels. Transport Policy, 2018, 72, 129-137.	3.4	31
68	COVID-19 related Attitudes and Risk Perceptions across Urban, Rural, and Suburban Areas in the United States. Findings, 0, , .	0.0	30
69	Departure-Time Choice and Mode Choice for Nonwork Trips: Alternative Formulations of Joint Model Systems. Transportation Research Record, 2004, 1898, 1-9.	1.0	28
70	Analysis of Global Positioning System-Based Data Collection Methods for Capturing Multistop Trip-Chaining Behavior. Transportation Research Record, 1999, 1660, 58-65.	1.0	27
71	Joint Analysis of Time Use and Consumer Expenditure Data. Transportation Research Record, 2011, 2231, 53-60.	1.0	27
72	Joint Model of Weekend Discretionary Activity Participation and Episode Duration. Transportation Research Record, 2014, 2413, 34-44.	1.0	26

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73	Enhanced Synthetic Population Generator That Accommodates Control Variables at Multiple Geographic Resolutions. Transportation Research Record, 2016, 2563, 40-50.	1.0	25
74	Comparative Analysis of Time-Space Prism Vertices for Out-of-Home Activity Engagement on Working and Nonworking Days. Environment and Planning B: Planning and Design, 2004, 31, 235-250.	1.7	24
75	Modeling of Household Vehicle Type Choice Accommodating Spatial Dependence Effects. Transportation Research Record, 2013, 2343, 86-94.	1.0	23
76	Understanding activity engagement across weekdays and weekend days: A multivariate multiple discrete-continuous modeling approach. Journal of Choice Modelling, 2018, 28, 56-70.	1.2	23
77	Impacts of Incentive-Based Intervention on Peak Period Traffic. Transportation Research Record, 2016, 2543, 166-175.	1.0	22
78	Modeling the Influence of Family, Social Context, and Spatial Proximity on Use of Nonmotorized Transport Mode. Transportation Research Record, 2011, 2230, 111-120.	1.0	21
79	Simulator of activities, greenhouse emissions, networks, and travel (SimACENT) in Southern California: Design, implementation, preliminary findings, and integration plans. , 2011, , .		21
80	A model of deadheading trips and pick-up locations for ride-hailing service vehicles. Transportation Research, Part A: Policy and Practice, 2020, 135, 289-308.	2.0	21
81	Multiple Discrete-Continuous Model of Activity Participation and Time Allocation for Home-Based Work Tours. Transportation Research Record, 2014, 2429, 90-98.	1.0	20
82	Investigation of Heterogeneity in Vehicle Ownership and Usage for the Millennial Generation. Transportation Research Record, 2017, 2664, 91-99.	1.0	20
83	Dynamic Analysis of Traveler Attitudes and Perceptions Using Panel Data. Transportation Research Record, 2000, 1718, 52-60.	1.0	18
84	Development of Vehicle Fleet Composition Model System for Implementation in Activity-Based Travel Model. Transportation Research Record, 2014, 2430, 145-154.	1.0	18
85	Joint Model of Participation in Nonwork Activities and Time-of-Day Choice Set Formation for Workers. Transportation Research Record, 2011, 2254, 140-150.	1.0	17
86	Two Minutes per Person per Day Each Year: Exploration of Growth in Travel Time Expenditures. , 0, .		17
87	Examining the persistence of telecommuting after the COVID-19 pandemic. Transportation Letters, 2023, 15, 608-621.	1.8	17
88	Joint Model of Vehicle Type Choice and Tour Length. Transportation Research Record, 2011, 2255, 28-37.	1.0	16
89	Design of Comprehensive Microsimulator of Household Vehicle Fleet Composition, Utilization, and Evolution. Transportation Research Record, 2011, 2254, 44-57.	1.0	16
90	Joint Vehicle Holdings, by Type and Vintage, and Primary Driver Assignment Model with Application for California. Transportation Research Record, 2012, 2302, 74-83.	1.0	16

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91	Application of Socioeconomic Model System for Activity-Based Modeling: Experience from Southern California. Transportation Research Record, 2012, 2303, 71-80.	1.0	15
92	Joint Model of Application-Based Ride Hailing Adoption, Intensity of Use, and Intermediate Public Transport Consideration among Workers in Chennai City. Transportation Research Record, 2020, 2674, 152-164.	1.0	15
93	A database of travel-related behaviors and attitudes before, during, and after COVID-19 in the United States. Scientific Data, 2021, 8, 245.	2.4	15
94	Stated Response Analysis of the Effectiveness of Parking Pricing Strategies for Transportation Control. Transportation Research Record, 1998, 1649, 39-46.	1.0	14
95	Joint Model of Residential Relocation Choice and Underlying Causal Factors. Transportation Research Record, 2012, 2303, 28-37.	1.0	14
96	On the development of a semi-nonparametric generalized multinomial logit model for travel-related choices. PLoS ONE, 2017, 12, e0186689.	1.1	14
97	Design, Development, and Implementation of a University Travel Demand Modeling Framework. Transportation Research Record, 2016, 2563, 105-113.	1.0	13
98	Stochastic frontier estimation of budgets for Kuhn–Tucker demand systems: Application to activity time-use analysis. Transportation Research, Part A: Policy and Practice, 2016, 88, 117-133.	2.0	13
99	Network-oriented household activity pattern problem for system optimization. Transportation Research Part C: Emerging Technologies, 2018, 94, 250-269.	3.9	13
100	Exploring the Dynamics in Travel Time Frontiers. Transportation Research Record, 2013, 2382, 20-27.	1.0	12
101	Simulation of the Effects of Intermodal Transfer Penalties on Transit Use. Transportation Research Record, 1998, 1623, 88-95.	1.0	11
102	Exploration of Time Use Utility Derived by Older Individuals from Daily Activity–Travel Patterns. Transportation Research Record, 2010, 2156, 111-119.	1.0	11
103	Latent-Segmentation-Based Approach to Investigating Spatial Transferability of Activity-Travel Models. Transportation Research Record, 2015, 2493, 136-144.	1.0	11
104	A practical method to test the validity of the standard Gumbel distribution in logit-based multinomial choice models of travel behavior. Transportation Research Part B: Methodological, 2017, 106, 173-192.	2.8	11
105	Two Minutes per Person per Day Each Year. Transportation Research Record, 2005, 1917, 45-53.	1.0	10
106	To What Extent Can High-Occupancy Vehicle Lanes Reduce Vehicle Trips and Congestion?. Transportation Research Record, 2010, 2178, 170-176.	1.0	10
107	Estimation of Annual Mileage Budgets for a Multiple Discrete-Continuous Choice Model of Household Vehicle Ownership and Utilization. Transportation Research Record, 2015, 2493, 126-135.	1.0	10
108	The rapid motorization of asia: implications for the future. Transportation, 2007, 34, 275-279.	2.1	9

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109	When, where, how long, and with whom are individuals participating in physically active recreational episodes?. Transportation Letters, 2011, 3, 201-217.	1.8	9
110	Joint Household-Level Analysis of Individuals' Work Arrangement Choices. Transportation Research Record, 2012, 2323, 56-66.	1.0	9
111	How do people feel while walking? A multivariate analysis of emotional well-being for utilitarian and recreational walking episodes. International Journal of Sustainable Transportation, 2021, 15, 419-434.	2.1	9
112	Coast-to-Coast Comparison of Time Use and Activity Patterns. Transportation Research Record, 2000, 1718, 34-42.	1.0	9
113	Extension of Activity-Based Modeling Approach to Incorporate Supply Side of Activities. Transportation Research Record, 2014, 2429, 138-147.	1.0	8
114	Travel Satisfaction and Well-Being. Applying Quality of Life Research, 2018, , 17-39.	0.3	8
115	On the Use of Probit-Based Models for Ranking Data Analysis. Transportation Research Record, 2019, 2673, 229-240.	1.0	8
116	How are Attitudes Toward COVID-19 Associated with Traveler Behavior During the Pandemic?. Findings, 0, , .	0.0	8
117	How Stable Are Transport-Related Attitudes over Time?. Findings, 0, , .	0.0	8
118	Development of weights for a choice-based panel survey sample with attrition. Transportation Research, Part A: Policy and Practice, 1993, 27, 477-492.	2.0	7
119	History Dependency in Daily Activity Participation and Time Allocation for Commuters. Transportation Research Record, 2002, 1807, 129-136.	1.0	7
120	Probit-Based Discrete–Continuous Model of Activity Choice and Duration with History Dependency. Transportation Research Record, 2010, 2156, 17-27.	1.0	7
121	Keynote — Total Design Data Needs for the New Generation Large-Scale Activity Microsimulation Models. , 2013, , 21-46.		7
122	Bayesian imputation of non hosen attribute values in revealed preference surveys. Journal of Advanced Transportation, 2014, 48, 48-65.	0.9	7
123	Characterizing Household Vehicle Fleet Composition and Count by Type in Integrated Modeling Framework. Transportation Research Record, 2014, 2429, 129-137.	1.0	7
124	Network-oriented Household Activity Pattern Problem for System Optimization. Transportation Research Procedia, 2017, 23, 827-847.	0.8	7
125	A Probit-based Joint Discrete-continuous Model System: Analyzing the Relationship between Timing and Duration of Maintenance Activities. , 2009, , 403-423.		7
126	An analysis of individuals' usage of bus transit in Bengaluru, India: Disentangling the influence of unfamiliarity with transit from that of subjective perceptions of service quality. Travel Behaviour & Society, 2022, 29, 1-11.	2.4	7

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127	Metaanalysis of Travel Survey Methods. Transportation Research Record, 1998, 1625, 72-78.	1.0	6
128	Modeling the Evolution of Ride-Hailing Adoption and Usage: A Case Study of the Puget Sound Region. Transportation Research Record, 2021, 2675, 81-97.	1.0	6
129	How many trip requests could we support? An activity-travel based vehicle scheduling approach. Transportation Research Part C: Emerging Technologies, 2021, 128, 103222.	3.9	6
130	Geographic Information System–Based Regional Transit Feasibility Analysis and Simulation Tool. Transportation Research Record, 2002, 1799, 42-49.	1.0	5
131	Formulation of an Activity-Based Utility Measure of Time Use. Transportation Research Record, 2009, 2135, 60-68.	1.0	5
132	Quantitative Analysis of Impacts of Moving toward a Vehicle Mileage-Based User Fee. Transportation Research Record, 2010, 2187, 29-35.	1.0	5
133	Comparison of Four-Step versus Tour-Based Models for Prediction of Travel Behavior before and after Transportation System Changes. Transportation Research Record, 2012, 2303, 46-60.	1.0	5
134	Introducing Latent Psychological Constructs in Injury Severity Modeling: Multivehicle and Multioccupant Approach. Transportation Research Record, 2016, 2601, 110-118.	1.0	5
135	Representing heterogeneity in structural relationships among multiple choice variables using a latent segmentation approach. Transportation, 2019, 46, 1755-1784.	2.1	5
136	Causal Analysis in Travel Behaviour Research. , 1998, , 35-48.		5
137	Socio-economic and transport trends in India and the United States: a preliminary comparative study. Transportation Letters, 2009, 1, 121-146.	1.8	4
138	Assessing the Impact of Transportation Policies on Fuel Consumption and Greenhouse Gas Emissions Using a Household Vehicle Fleet Simulator. Transportation Research Record, 2014, 2430, 182-190.	1.0	4
139	Estimating Household Travel Energy Consumption in Conjunction with a Travel Demand Forecasting Model. Transportation Research Record, 2017, 2668, 1-10.	1.0	4
140	A Generalizable Method for Estimating Household Energy by Neighborhoods in US Urban Regions. Energy Procedia, 2017, 143, 859-864.	1.8	4
141	Influence of Mode Use on Level of Satisfaction with Daily Travel Routine: A Focus on Automobile Driving in the United States. Transportation Research Record, 2022, 2676, 1-15.	1.0	4
142	Development of Short-Term Operational Planning Model for Transit Service Analysis. Transportation Research Record, 2000, 1735, 43-50.	1.0	3
143	Role of Childhood Context and Experience in Shaping Activity-Travel Choices in Adulthood. Transportation Research Record, 2019, 2673, 575-585.	1.0	3
144	Computational graph-based framework for integrating econometric models and machine learning algorithms in emerging data-driven analytical environments. Transportmetrica A: Transport Science, 2022, 18, 1346-1375.	1.3	3

#	Article	IF	CITATIONS
145	A multiple discrete continuous extreme value choice (MDCEV) model with a linear utility profile for the outside good recognizing positive consumption constraints. Transportation Research Part B: Methodological, 2022, 156, 28-49.	2.8	3
146	Modeling Time and Task Allocation among Household Members for Simulating Household Activity Travel Patterns. , 2002, , 738.		2
147	Analysis of Personal Time-Space Prism Vertex Locations: A Develop ing-Country Context. Transportation Research Record, 2004, 1898, 19-27.	1.0	2
148	The Application of an Integrated Behavioral Activity-Travel Simulation Model for Pricing Policy Analysis. Advances in Data Mining and Database Management Book Series, 2014, , 86-102.	0.4	2
149	A Holistic View on History, Development, Assessment, and Future of an Open Courseware in Numerical Methods. , 0, , .		2
150	Quality and Innovation in Time Use and Activity Surveys. , 2003, , 181-190.		1
151	Tour Characterization Framework Incorporating Activity Stop–Sequencing Model System. Transportation Research Record, 2015, 2494, 77-86.	1.0	1
152	Accounting for the Influence of Attitudes and Perceptions in Modeling the Adoption of Emerging Transportation Services and Technologies in India. Transportation Research Record, 0, , 036119812210882.	1.0	1
153	Data-Driven Perspective on Management of Safety Risk at State Agencies. Transportation Research Record, 2008, 2083, 1-8.	1.0	0
154	Remembering a teacher. Transportation, 2009, 36, 643-645.	2.1	0
155	Multi-dimensional advances in travel modeling. Transportation, 2011, 38, 845-848.	2.1	0
156	Choice context. , 2014, , .		0
157	Travel Model Calibration and Validation. , 2021, , 596-605.		0
158	Freight Travel Demand Modelling. , 2001, , 659-673.		0
159	A Model of Daily Time Use Allocation Using Fractional Fogit Methodology. , 2005, , 507-524.		0
160	Contributions to Understanding Joint Relationships Among Activity and Travel Variables. , 2005, , 1-24.		0
161	Are Multiple-Choice Questions Suitable for a Final Examination in a STEM Course?. , 0, , .		0