Harry J P Timmermans

List of Publications by Year
in descending order

268	9,860	31976 53	58581 82
papers	citations	h-index	g-index

270	270	270	5277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A learning-based transportation oriented simulation system. Transportation Research Part B: Methodological, 2004, 38, 613-633.	5.9	357
2	A Random Regret-Minimization model of travel choice. Transportation Research Part B: Methodological, 2008, 42, 1-18.	5.9	249
3	Experimental analysis of choice. Marketing Letters, 1994, 5, 351-367.	2.9	247
4	Activity-based models of travel demand: promises, progress and prospects. International Journal of Urban Sciences, 2014, 18, 31-60.	2.8	199
5	Transportation mode recognition using GPS and accelerometer data. Transportation Research Part C: Emerging Technologies, 2013, 37, 118-130.	7.6	190
6	Analysing space-time behaviour: new approaches to old problems. Progress in Human Geography, 2002, 26, 175-190.	5.6	184
7	Stated preference and choice models applied to recreation research: A review. Leisure Sciences, 1990, 12, 9-32.	3.1	173
8	CFD analysis of transpirational cooling by vegetation: Case study for specific meteorological conditions during a heat wave in Arnhem, Netherlands. Building and Environment, 2015, 83, 11-26.	6.9	157
9	A Model of Pedestrian Route Choice and Demand for Retail Facilities within Innerâ€€City Shopping Areas. Geographical Analysis, 1986, 18, 115-128.	3.5	154
10	Social Networks, Social Interactions, and Activity-Travel Behavior: A Framework for Microsimulation. Environment and Planning B: Planning and Design, 2008, 35, 1012-1027.	1.7	148
11	A need-based model of multi-day, multi-person activity generation. Transportation Research Part B: Methodological, 2009, 43, 251-265.	5.9	146
12	Green spaces in the direct living environment and social contacts of the aging population. Landscape and Urban Planning, 2014, 129, 44-54.	7.5	136
13	Estimating social travel demand of senior citizens in the Netherlands. Journal of Transport Geography, 2011, 19, 323-331.	5.0	124
14	Transport stated choice responses: effects of task complexity, presentation format and literacy. Transportation Research, Part E: Logistics and Transportation Review, 2003, 39, 229-244.	7.4	123
15	Changing household car ownership level and life cycle events: an action in anticipation or an action on occurrence. Transportation, 2014, 41, 889-904.	4.0	123
16	Implementation Framework and Development Trajectory of FEATHERS Activity-Based Simulation Platform. Transportation Research Record, 2010, 2175, 111-119.	1.9	120
17	A model of household task allocation and time use. Transportation Research Part B: Methodological, 2005, 39, 81-95.	5.9	119
18	Modeling household activity travel behavior: Examples of state of the art modeling approaches and research agenda. Transportation Research Part B: Methodological, 2009, 43, 187-190.	5.9	109

#	Article	IF	Citations
19	Incorporating spaceâ€“time constraints and activity-travel time profiles in a multi-state supernetwork approach to individual activity-travel scheduling. Transportation Research Part B: Methodological, 2013, 55, 41-58.	5.9	104
20	Expanding scope of hybrid choice models allowing for mixture of social influences and latent attitudes: Application to intended purchase of electric cars. Transportation Research, Part A: Policy and Practice, 2014, 69, 71-85.	4.2	100
21	Examining the relationship between built environment and metro ridership at station-to-station level. Transportation Research, Part D: Transport and Environment, 2020, 82, 102332.	6.8	98
22	ALBATROSS: Multiagent, Rule-Based Model of Activity Pattern Decisions. Transportation Research Record, 2000, 1706, 136-144.	1.9	97
23	Modeling Departure Time Choice in the Context of Activity Scheduling Behavior. Transportation Research Record, 2003, 1831, 39-46.	1.9	94
24	The effects of activity-travel context and individual attitudes on car-sharing decisions under travel time uncertainty: A hybrid choice modeling approach. Transportation Research, Part D: Transport and Environment, 2017, 56, 189-202.	6.8	87
25	If You Pick up the Children, I'll Do the Groceries: Spatial Differences in between-Partner Interactions in out-of-Home Household Activities. Environment and Planning A, 2007, 39, 2754-2773.	3.6	86
26	Consumer preferences for business models in electric vehicle adoption. Transport Policy, 2019, 73, 12-24.	6.6	86
27	Influences of Built Environment on Walking and Cycling by Latent Segments of Aging Population. Transportation Research Record, 2009, 2134, 1-9.	1.9	85
28	Modeling Hierarchical Conjoint Processes with Integrated Choice Experiments. Journal of Marketing Research, 1994, 31, 92.	4.8	84
29	Utility-Maximizing Model of Household Time Use for Independent, Shared, and Allocated Activities Incorporating Group Decision Mechanisms. Transportation Research Record, 2002, 1807, 1-8.	1.9	83
30	Influence of Social Networks on Latent Choice of Electric Cars: A Mixed Logit Specification Using Experimental Design Data. Networks and Spatial Economics, 2016, 16, 99-130.	1.6	83
31	Bundling, pricing schemes and extra features preferences for mobility as a service: Sequential portfolio choice experiment. Transportation Research, Part A: Policy and Practice, 2020, 131, 123-148.	4.2	82
32	Integrating Bayesian networks and decision trees in a sequential rule-based transportation model. European Journal of Operational Research, 2006, 175, 16-34.	5.7	76
33	Uncertainty in travel demand forecasting models: literature review and research agenda. Transportation Letters, 2012, 4, 55-73.	3.1	76
34	Incorporating free-floating car-sharing into an activity-based dynamic user equilibrium model: A demand-side model. Transportation Research Part B: Methodological, 2018, 107, 102-123.	5.9	76
35	Applications of theories and models of choice and decision-making under conditions of uncertainty in travel behavior research. Travel Behaviour & Society, 2014, 1, 79-90.	5.0	74
36	Hierarchical Information Integration Applied to Residential Choice Behavior. Geographical Analysis, 1990, 22, 127-144.	3.5	73

#	Article	IF	Citations
37	Predicting multi-faceted activity-travel adjustment strategies in response to possible congestion pricing scenarios using an Internet-based stated adaptation experiment. Transport Policy, 2004, 11, 31-41.	6.6	72
38	Shopping context and consumersâ€™ mental representation of complex shopping trip decision problems. Journal of Retailing, 2008, 84, 219-232.	6.2	71
39	Heterogeneity in Urban Park Use of Aging Visitors: A Latent Class Analysis. Leisure Sciences, 2006, 28, 57-71.	3.1	70
40	Size and Composition of Ego-Centered Social Networks and Their Effect on Geographic Distance and Contact Frequency. Transportation Research Record, 2009, 2135, 1-9.	1.9	69
41	A path analysis of social networks, telecommunication and social activityâ€“travel patterns. Transportation Research Part C: Emerging Technologies, 2013, 26, 256-268.	7.6	69
42	Investigating tourist destination choice: Effect of destination image from social network members. Tourism Management, 2021, 83, 104217.	9.8	68
43	Applications of behavioural research on spatial problems I: cognition. Progress in Human Geography, 1990, 14, 57-99.	5.6	67
44	Social networks, social influence and activity-travel behaviour: a review of models and empirical evidence. Transport Reviews, 2018, 38, 499-523.	8.8	67
45	Hybrid Choice Models: Principles and Recent Progress Incorporating Social Influence and Nonlinear Utility Functions. Procedia Environmental Sciences, 2014, 22, 20-34.	1.4	66
46	Supernetwork Approach for Multimodal and Multiactivity Travel Planning. Transportation Research Record, 2010, 2175, 38-46.	1.9	65
47	Space?Time Accessibility Under Conditions of Uncertain Travel Times: Theory and Numerical Simulations. Geographical Analysis, 2007, 39, 217-240.	3.5	63
48	The Built Environment and Health: Introducing Individual Space-Time Behavior. International Journal of Environmental Research and Public Health, 2009, 6, 1724-1743.	2.6	61
49	Carsharing: the impact of system characteristics on its potential to replace private car trips and reduce car ownership. Transportation, 2020, 47, 935-970.	4.0	61
50	Identifying Decision Structures Underlying Activity Patterns: An Exploration of Data Mining Algorithms. Transportation Research Record, 2000, 1718, 1-9.	1.9	59
51	Comparison of advanced imputation algorithms for detection of transportation mode and activity episode using GPS data. Transportation Planning and Technology, 2016, 39, 180-194.	2.0	59
52	Towards a multi-agent model for visualizing simulated user behavior to support the assessment of design performance. Automation in Construction, 2002, 11, 135-145.	9.8	58
53	Satisfaction and uncertainty in car-sharing decisions: An integration of hybrid choice and random regret-based models. Transportation Research, Part A: Policy and Practice, 2017, 95, 13-33.	4.2	58
54	Modeling traveler choice behavior using the concepts of relative utility and relative interest. Transportation Research Part B: Methodological, 2004, 38, 215-234.	5.9	57

#	Article	IF	Citations
55	New ICTs and social interaction: Modelling communication frequency and communication mode choice. New Media and Society, 2012, 14, 987-1003.	5.0	57
56	Creating Synthetic Household Populations. Transportation Research Record, 2007, 2014, 85-91.	1.9	55
57	The influence of low-fare airlines on vacation choices of students: Results of a stated portfolio choice experiment. Tourism Management, 2012, 33, 1174-1184.	9.8	55
58	Effects of land-use transport scenarios on travel patterns: a multi-state supernetwork application. Transportation, 2017, 44, 1-25.	4.0	55
59	A path analysis of outdoor comfort in urban public spaces. Building and Environment, 2019, 148, 459-467.	6.9	53
60	The Choice of Park and Ride Facilities: An Analysis Using a Context-Dependent Hierarchical Choice Experiment. Environment and Planning A, 2004, 36, 1673-1686.	3.6	52
61	A latent class accelerated hazard model of activity episode durations. Transportation Research Part B: Methodological, 2007, 41, 426-447.	5.9	52
62	Semiautomatic Imputation of Activity Travel Diaries. Transportation Research Record, 2010, 2183, 60-68.	1.9	49
63	Responses to Transit Information among Car-drivers: Regret-based Models and Simulations. Transportation Planning and Technology, 2006, 29, 249-271.	2.0	48
64	Parametric action decision trees: Incorporating continuous attribute variables into rule-based models of discrete choice. Transportation Research Part B: Methodological, 2007, 41, 772-783.	5.9	47
65	Distance patterns of personal networks in four countries: a comparative study. Journal of Transport Geography, 2013, 31, 236-248.	5.0	47
66	Modeling the effect of Mobility-as-a-Service on mode choice decisions. Transportation Letters, 2022, 14, 324-331.	3.1	47
67	Estimating a model of dynamic activity generation based on one-day observations: Method and results. Transportation Research Part B: Methodological, 2011, 45, 447-460.	5.9	46
68	Understanding the relationship between travel satisfaction and subjective well-being considering the role of personality traits: A structural equation model. Transportation Research Part F: Traffic Psychology and Behaviour, 2017, 49, 110-123.	3.7	46
69	Understanding urban mobility patterns from a spatiotemporal perspective: daily ridership profiles of metro stations. Transportation, 2020, 47, 315-336.	4.0	46
70	Modeling and Measuring Individuals' Mental Representations of Complex Spatio-Temporal Decision Problems. Environment and Behavior, 2008, 40, 843-869.	4.7	45
71	An analysis of the dynamics of activity and travel needs in response to social network evolution and life-cycle events: A structural equation model. Transportation Research, Part A: Policy and Practice, 2014, 59, 159-171.	4.2	45
72	Dynamics of face-to-face social interaction frequency: role of accessibility, urbanization, changes in geographical distance and path dependence. Journal of Transport Geography, 2014, 34, 211-220.	5.0	45

#	Article	IF	Citations
73	Bicycle commuting in the Netherlands: An analysis of modal shift and its dependence on life cycle and mobility events. International Journal of Sustainable Transportation, 2016, 10, 376-384.	4.1	45
74	Investigating heterogeneity in social influence by social distance in car-sharing decisions under uncertainty: A regret-minimizing hybrid choice model framework based on sequential stated adaptation experiments. Transportation Research Part C: Emerging Technologies, 2017, 85, 47-63.	7.6	45
75	Context effects and decompositional choice modeling. Papers in Regional Science, 1991, 70, 113-131.	1.9	44
76	Modeling social interactions between individuals for joint activity scheduling. Transportation Research Part B: Methodological, 2012, 46, 276-290.	5.9	44
77	Modeling Social Networks in Geographic Space: Approach and Empirical Application. Environment and Planning A, 2012, 44, 1101-1120.	3.6	44
78	Incorporating activity-travel time uncertainty and stochastic spaceâ€“time prisms in multistate supernetworks for activity-travel scheduling. International Journal of Geographical Information Science, 2014, 28, 928-945.	4.8	44
79	Conjoint models of tourist portfolio choice: Theory and illustration. Leisure Sciences, 1997, 19, 31-58.	3.1	41
80	A causal model relating urban form with daily travel distance through activity/travel decisions. Transportation Planning and Technology, 2009, 32, 115-134.	2.0	41
81	Constructing personalized transportation networks in multi-state supernetworks: a heuristic approach. International Journal of Geographical Information Science, 2011, 25, 1885-1903.	4.8	40
82	A gap-theoretical path model of residential satisfaction and intention to move house applied to renovated historical blocks in two Chinese cities. Cities, 2017, 71, 19-29.	5.6	40
83	Modeling Individualsâ€™ Activity-Travel Rescheduling Heuristics: Theory and Numerical Experiments. Transportation Research Record, 2002, 1807, 16-25.	1.9	39
84	Does MaaS contribute to sustainable transportation? A mode choice perspective. International Journal of Sustainable Transportation, 2021, 15, 351-363.	4.1	39
85	A model of multi-purpose shopping trip behavior. Papers in Regional Science, 1993, 72, 239-256.	1.9	38
86	Validation of a multimodal travel simulator with travel information provision. Transportation Research Part C: Emerging Technologies, 2007, 15, 191-207.	7.6	37
87	Scobit-Based Panel Analysis of Multitasking Behavior of Public Transport Users. Transportation Research Record, 2010, 2157, 46-53.	1.9	37
88	Investigating private parking space ownersâ€™ propensity to engage in shared parking schemes under conditions of uncertainty using a hybrid random-parameter logit-cumulative prospect theoretic model. Transportation Research Part C: Emerging Technologies, 2020, 120, 102776.	7.6	37
89	Modeling Effects of Anticipated Time Pressure on Execution of Activity Programs. Transportation Research Record, 2001, 1752, 8-15.	1.9	35
90	A multilevel path analysis of contact frequency between social network members. Journal of Geographical Systems, 2012, 14, 125-141.	3.1	35

#	Article	IF	Citations
91	Environmental Correlates of Active Travel Behavior of Children. Environment and Behavior, 2014, 46, 583-608.	4.7	35
92	A multilevel analysis of factors influencing local social interaction. Transportation, 2015, 42, 807-826.	4.0	35
93	Effects of travellerâ€™s mood and personality on ratings of satisfaction with daily trip stages. Travel Behaviour & Society, 2017, 7, 1-11.	5.0	35
94	Heterogeneous hazard model of PEV users charging intervals: Analysis of four year charging transactions data. Transportation Research Part C: Emerging Technologies, 2017, 82, 248-260.	7.6	35
95	Influence of values, attitudes towards transport modes and companions on travel behavior. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 71, 8-22.	3.7	35
96	Accessibility Trade-Offs in Household Residential Location Decisions. Transportation Research Record, 2008, 2077, 71-79.	1.9	34
97	Incorporating time and income constraints in dynamic agent-based models of activity generation and time use: Approach and illustration. Transportation Research Part C: Emerging Technologies, 2010, 18, 71-83.	7.6	34
98	The Validity of Hierarchical Information Integration Choice Experiments to Model Residential Preference and Choice. Geographical Analysis, 1998, 30, 254-272.	3.5	34
99	Unconditional and conditional competing risk models of activity duration and activity sequencing decisions: An empirical comparison. Journal of Geographical Systems, 2002, 4, 157-170.	3.1	33
100	Context-dependent influence of road attributes and pricing policies on route choice behavior of truck drivers: results of a conjoint choice experiment. Transportation, 2012, 39, 1173-1188.	4.0	33
101	Dynamic activity-travel assignment in multi-state supernetworks. Transportation Research Part B: Methodological, 2015, 81, 656-671.	5.9	33
102	Analysis of citizens' motivation and participation intention in urban planning. Cities, 2020, 106, 102921.	5.6	33
103	Transport facilities and residential choice behavior: A model of multi-person choice processes. Papers in Regional Science, 1993, 72, 45-61.	1.9	32
104	Synchronicity of Activity Engagement and Travel in Time and Space. Transportation Research Record, 2008, 2054, 1-9.	1.9	31
105	Imputing relevant information from multi-day GPS tracers for retail planning and management using data fusion and context-sensitive learning. Journal of Retailing and Consumer Services, 2010, 17, 189-199.	9.4	31
106	Modeling pedestrian shopping behavior using principles of bounded rationality: model comparison and validation. Journal of Geographical Systems, 2011, 13, 101-126.	3.1	31
107	Improving Performance of Multiagent Rule-Based Model for Activity Pattern Decisions with Bayesian Networks. Transportation Research Record, 2004, 1894, 75-83.	1.9	30
108	Understanding the determinants of young commutersâ€™ metro-bikeshare usage frequency using big data. Travel Behaviour & Society, 2020, 21, 121-130.	5.0	30

#	Article	IF	Citations
109	Using autonomous vehicles or shared cars? Results of a stated choice experiment. Transportation Research Part C: Emerging Technologies, 2021, 128, 103117.	7.6	30
110	Extent, Nature, and Covariates of Multitasking of Rail Passengers in an Urban Corridor. Transportation Research Record, 2009, 2110, 106-111.	1.9	29
111	Analysis of the impact of street-scale built environment design near metro stations on pedestrian and cyclist road segment choice: A stated choice experiment. Journal of Transport Geography, 2020, 82, 102570.	5.0	28
112	Individuals' Activityâ€"Travel Rescheduling Behaviour: Experiment and Model-Based Analysis. Environment and Planning A, 2009, 41, 1511-1522.	3.6	27
113	Multi-state supernetwork framework for the two-person joint travel problem. Transportation, 2013, 40, 813-826.	4.0	27
114	Changing the timing of activities in resolving Scheduling Conflicts. Transportation, 2006, 33, 429-445.	4.0	26
115	Supernetwork Approach for Modeling Traveler Response to Park-and-Ride. Transportation Research Record, 2012, 2323, 10-17.	1.9	26
116	Specification of regret-based models of choice behaviour: formal analyses and experimental design based evidence. Transportation, 2017, 44, 1555-1576.	4.0	26
117	Preference for different urban greenscape designs: A choice experiment using virtual environments. Urban Forestry and Urban Greening, 2019, 44, 126435.	5.3	26
118	Spatial Choice: A Matter of Utility or Regret?. Environment and Planning B: Planning and Design, 2009, 36, 538-551.	1.7	25
119	Context Dependent Stated Choice Experiments: The Case of Train Egress Mode Choice. Journal of Choice Modelling, 2010, 3, 39-56.	2.3	25
120	Longitudinal Model of Longer-Term Mobility Decisions: Framework and First Empirical Tests. Journal of the Urban Planning and Development Division, ASCE, 2011, 137, 220-229.	1.7	25
121	A latent class accelerated hazard model of social activity duration. Transportation Research, Part A: Policy and Practice, 2012, 46, 12-21.	4.2	25
122	Judgments of travel experiences, activity envelopes, trip features and multi-tasking: A panel effects regression model specification. Transportation Research, Part A: Policy and Practice, 2014, 63, 67-75.	4.2	25
123	The impact of business models on electric vehicle adoption: A latent transition analysis approach. Transportation Research, Part A: Policy and Practice, 2018, 116, 531-546.	4.2	25
124	An integrated model system and policy evaluation tool for maximizing mobility under environmental capacity constraints: A case study in Dalian City, China. Transportation Research, Part D: Transport and Environment, 2010, 15, 263-274.	6.8	24
125	Incorporating Mechanisms of Social Adoption in Design and Analysis of Stated-Choice Experiments. Transportation Research Record, 2013, 2344, 10-19.	1.9	24
126	Evaluating the Accuracy of GPS-based Taxi Trajectory Records. Procedia Environmental Sciences, 2014, 22, 186-198.	1.4	23

#	Article	IF	Citations
127	Twoâ€regime Pattern in Human Mobility: Evidence from <scp>GPS</scp> Taxi Trajectory Data. Geographical Analysis, 2016, 48, 157-175.	3.5	23
128	Reinduction of Albatross Decision Rules with Pooled Activity-Travel Diary Data and an Extended Set of Land Use and Cost-Related Condition States. Transportation Research Record, 2003, 1831, 230-239.	1.9	22
129	On the engineering of agent-based simulations of social activities with social networks. Information and Software Technology, 2012, 54, 625-638.	4.4	22
130	Trade-offs between mobility and equity maximization under environmental capacity constraints: A case study of an integrated multi-objective model. Transportation Research Part C: Emerging Technologies, 2014, 43, 267-279.	7.6	22
131	Analysis of variability in multi-day GPS imputed activity-travel diaries using multi-dimensional sequence alignment and panel effects regression models. Transportation, 2017, 44, 533-553.	4.0	22
132	Understanding Travelersâ€™ Behavior in Provision of Travel Information: A Bayesian Belief Approach. Procedia, Social and Behavioral Sciences, 2012, 54, 251-260.	0.5	21
133	Analysis of Metro Station Ridership Considering Spatial Heterogeneity. Chinese Geographical Science, 2019, 29, 1065-1077.	3.0	21
134	UNCOVERING SPATIAL DECISIONâ€MAKING PROCESSES: A DECISION NET APPROACH APPLIED TO RECREATIONAL CHOICE BEHAVIOUR. Tijdschrift Voor Economische En Sociale Geografie, 1987, 78, 297-304.	2.1	20
135	Association Rules in Identification of Spatial-Temporal Patterns in Multiday Activity Diary Data. Transportation Research Record, 2001, 1752, 32-37.	1.9	20
136	Examining Temporal Effects of Lifecycle Events on Transport Mode Choice Decisions. International Journal of Urban Sciences, 2007, 11, 1-13.	2.8	20
137	Incorporating psycho-physical mapping into random regret choice models: model specifications and empirical performance assessments. Transportation, 2017, 44, 999-1019.	4.0	20
138	Tolerance-based strategies for extending the column generation algorithm to the bounded rational dynamic user equilibrium problem. Transportation Research Part B: Methodological, 2019, 119, 102-121.	5.9	20
139	A REVIEW OF RECENT ADVANCES IN DECOMPOSITIONAL PREFERENCE AND CHOICE MODELS. Tijdschrift Voor Economische En Sociale Geografie, 1990, 81, 214-224.	2.1	19
140	Social influences on household location, mobility and activity choice in integrated micro-simulation models. Transportation Research, Part A: Policy and Practice, 2011, 45, 283-295.	4.2	19
141	Assessment of model uncertainty in destinations and travel forecasts of models of complex spatial shopping behaviour. Journal of Retailing and Consumer Services, 2013, 20, 139-146.	9.4	19
142	Sequence Alignment Analysis of Variability in Activity Travel Patterns through 8 Weeks of Diary Data. Transportation Research Record, 2014, 2412, 49-56.	1.9	19
143	Dynamic activity-travel assignment in multi-state supernetworks under transport and location capacity constraints. Transportmetrica A: Transport Science, 2016, 12, 572-590.	2.0	19
144	A hybrid choice model with a nonlinear utility function and bounded distribution for latent variables: application to purchase intention decisions of electric cars. Transportmetrica A: Transport Science, 2016, 12, 909-932.	2.0	19

#	Article	IF	Citations
145	The impact of the street-scale built environment on pedestrian metro station access/egress route choice. Transportation Research, Part D: Transport and Environment, 2020, 87, 102491.	6.8	19
146	Modeling the Impact of Key Events on Long-Term Transport Mode Choice Decisions. Transportation Research Record, 2005, 1926, 106-114.	1.9	18
147	Temporal Variation in Consumer Spatial Behavior in Shopping Streets. Journal of the Urban Planning and Development Division, ASCE, 2006, 132, 166-171.	1.7	18
148	Cut-off Models for the â€˜Go-Homeâ€™ Decision of Pedestrians in Shopping Streets. Environment and Planning B: Planning and Design, 2008, 35, 248-260.	1.7	18
149	Resale Price Maintenance (RPM): The U.S. and E.U. perspectives. Journal of Retailing and Consumer Services, 2012, 19, 537-544.	9.4	18
150	Predicting the evolution of social networks with life cycle events. Transportation, 2015, 42, 733-751.	4.0	18
151	Modeling taxi driver anticipatory behavior. Computers, Environment and Urban Systems, 2018, 69, 133-141.	7.1	18
152	Trip stage satisfaction of public transport users: A reference-based model incorporating trip attributes, perceived service quality, psychological disposition and difference tolerance. Transportation Research, Part A: Policy and Practice, 2018, 118, 759-775.	4.2	18
153	Task allocation and gender roles in dual earner households: The issue of escorting children. Travel Behaviour & Society, 2019, 14, 11-20.	5.0	18
154	Testing Hierarchical Information Integration Theory: The Causal Structure of Household Residential Satisfaction. Environment and Planning A, 2003, 35, 43-58.	3.6	17
155	A dynamic model of time-budget and activity generation: Development and empirical derivation. Transportation Research Part C: Emerging Technologies, 2011, 19, 242-253.	7.6	17
156	Incorporating Time Dynamics in Activity Travel Behavior Model. Transportation Research Record, 2013, 2382, 54-62.	1.9	17
157	Station-based average travel distance and its relationship with urban form and land use: An analysis of smart card data in Nanjing City, China. Transport Policy, 2019, 79, 137-154.	6.6	17
158	Choice Experiments versus Revealed Choice Models: A Before-After Study of Consumer Spatial Shopping Behavior. Professional Geographer, 1992, 44, 406-416.	1.8	15
159	The effects of social networks on choice set dynamics: Results of numerical simulations using an agent-based approach. Transportation Research, Part A: Policy and Practice, 2011, 45, 310-322.	4.2	15
160	Exploring heterogeneity in travel time expenditure of aging populations in the Netherlands: results of a CHAID analysis. Journal of Transport Geography, 2013, 33, 170-179.	5.0	15
161	Bias in random regret models due to measurement error: formal and empirical comparison with random utility model. Transportmetrica A: Transport Science, 2017, 13, 405-434.	2.0	15
162	Transport Models and Urban Planning Practice: Experiences with Albatross. Transport Reviews, 2011, 31, 199-207.	8.8	14

#	Article	IF	Citations
163	Travel demand modelling: conceptual developments and perspectives. Transportation Letters, 2012, 4, 79-92.	3.1	14
164	Incorporating planned activities and events in a dynamic multi-day activity agenda generator. Transportation, 2012, 39, 791-806.	4.0	14
165	Modeling co-dependent choice of workplace, residence and commuting mode using an error component mixed logit model. Transportation, 2020, 47, 911-933.	4.0	14
166	Day-to-day needs-based activity-travel dynamics and equilibria in multi-state supernetworks. Transportation Research Part B: Methodological, 2020, 132, 208-227.	5.9	14
167	Co-dependent workplace, residence and commuting mode choice: Results of a multi-dimensional mixed logit model with panel effects. Cities, 2020, 96, 102448.	5.6	14
168	Associations between built environment, perceived walkability/bikeability and metro transfer patterns. Transportation Research, Part A: Policy and Practice, 2021, 153, 171-187.	4.2	14
169	A Simulation Model of Activity Scheduling Heuristics: An Empirical Test. Geographical and Environmental Modelling, 2000, 4, 175-187.	0.7	14
170	Social Commitments and Activity-Travel Scheduling Decisions. Transportation Research Record, 2006, 1977, 242-249.	1.9	14
171	Time allocation in urban and transport settings: an international, inter-urban perspective. Transport Policy, 2002, 9, 79-93.	6.6	13
172	MODELLING STRATEGIC BEHAVIOUR IN ANTICIPATION OF CONGESTION. Transportmetrica, 2007, 3, 119-138.	1.8	13
173	Children's Recreational Physical Activity. Leisure Sciences, 2011, 33, 183-204.	3.1	13
174	Representing and estimating interactions between activities in a need-based model of activity generation. Transportation, 2013, 40, 413-430.	4.0	13
175	Social-ecological correlates of older adultsâ€™ outdoor activity patterns. Journal of Transport and Health, 2020, 16, 100840.	2.2	13
176	Eliciting the Needs that Underlie Activityâ€“Travel Patterns and Their Covariance Structure. Transportation Research Record, 2010, 2157, 54-62.	1.9	12
177	Location choice in the context of multi-day activity-travel patterns: model development and empirical results. Transportmetrica A: Transport Science, 2013, 9, 107-123.	2.0	12
178	Tolerance and Indifference Bands in Regretâ€“Rejoice Choice Models: Extension to Market Segmentation in the Context of Mode Choice Behavior. Transportation Research Record, 2018, 2672, 23-34.	1.9	12
179	Relationships between Consecutive Long-Term and Mid-Term Mobility Decisions over the Life Course: A Bayesian Network Approach. Transportation Research Record, 2018, 2672, 159-170.	1.9	12
180	Heterogeneity in outdoor comfort assessment in urban public spaces. Science of the Total Environment, 2021, 790, 147941.	8.0	12

#	Article	IF	Citations
181	Modelling Portfolio Choice in Transportation Research. Transport Reviews, 2009, 29, 569-586.	8.8	11
182	Involvement in clubs or voluntary associations, social networks and activity generation: a path analysis. Transportation, 2012, 39, 843-856.	4.0	11
183	Binomial Random Parameters Logistic Regression Model of Housing Satisfaction. Procedia Environmental Sciences, 2014, 22, 280-287.	1.4	11
184	A user equilibrium model for combined activityâ€“travel choice under prospect theoretical mechanisms of decision-making under uncertainty. Transportmetrica A: Transport Science, 2016, 12, 629-649.	2.0	11
185	Correlates of older adultsâ€™ walking trip duration. Journal of Transport and Health, 2020, 18, 100889.	2.2	11
186	Modeling taxi driver search behavior under uncertainty. Travel Behaviour & Society, 2021, 22, 207-218.	5.0	11
187	A comparative study of social interaction frequencies among social network members in five countries. Journal of Transport Geography, 2021, 90, 102934.	5.0	11
188	Robust Approach to Modeling Choice of Locations in Daily Activity Sequences. Transportation Research Record, 2007, 2003, 59-63.	1.9	10
189	Applying Sequence Alignment Methods to Large Activityâ€“Travel Data Sets. Transportation Research Record, 2011, 2231, 10-17.	1.9	10
190	A FRAMEWORK FOR PROCESSING AGENT-BASED PEDESTRIAN ACTIVITY SIMULATIONS IN SHOPPING ENVIRONMENTS. Cybernetics and Systems, 2011, 42, 526-545.	2.5	10
191	Uncertain Travel Times and Activity Schedules under Conditions of Space-Time Constraints and Invariant Choice Heuristics. Environment and Planning B: Planning and Design, 2014, 41, 1022-1030.	1.7	10
192	Temporal interdependencies in mobility decisions over the life course: A household-level analysis using dynamic Bayesian networks. Journal of Transport Geography, 2020, 82, 102589.	5.0	10
193	Correlates of frequency of outdoor activities of older adults: Empirical evidence from Dalian, China. Travel Behaviour & Society, 2021, 22, 108-116.	5.0	10
194	TRANSPORT FACILITIES AND RESIDENTIAL CHOICE BEHAVIOR: A MODEL OF MULTIâ€PERSON CHOICE PROCESSES. Papers in Regional Science, 1993, 72, 45-61.	1.9	9
195	Using a Stereo Panoramic Interactive Navigation System to Measure Pedestrian Activity Scheduling Behaviour: A Test of Validity. Environment and Planning B: Planning and Design, 2006, 33, 541-557.	1.7	9
196	Regimes in socialâ€“cultural events-driven activity sequences: Modelling approach and empirical application. Transportation Research, Part A: Policy and Practice, 2009, 43, 311-322.	4.2	9
197	Location-type choice for face-to-face social activities and its effect on travel behavior. Environment and Planning B: Planning and Design, 2010, 37, 1057-1075.	1.7	9
198	Modeling simplifying information processing strategies in conjoint experiments. Transportation Research Part B: Methodological, 2010, 44, 764-780.	5.9	9

#	Article	IF	Citations
199	Effects of travel time delay on multi-faceted activity scheduling under space-time constraints: A simulation study. Travel Behaviour & Society, 2014, 1, 31-35.	5.0	9
200	Analysis of consumer response to fuel price fluctuations applying sample selection model to GPS panel data: Dynamics in individualsâ€™ car use. Transportation Research, Part D: Transport and Environment, 2015, 38, 67-79.	6.8	9
201	Influence of the adoption of new mobility tools on investments in home renewable energy equipment: Results of a stated choice experiment. Sustainable Cities and Society, 2019, 50, 101641.	10.4	9
202	Modeling dynamics in household car ownership over life courses: a latent class competing risks model. Transportation, 2021, 48, 809-829.	4.0	9
203	The Publicâ€™s Acceptance of and Intention to Use ICTs when Participating in Urban Planning Processes. Journal of Urban Technology, 2020, 27, 55-73.	4.7	9
204	Stationary and Time-Varying Patterns in Activity Diary Panel Data: Explorative Analysis with Association Rules. Transportation Research Record, 2002, 1807, 9-15.	1.9	8
205	The Impact of Simplification in a Sequential Rule-Based Model of Activity-Scheduling Behavior. Environment and Planning A, 2005, 37, 551-568.	3.6	8
206	Social Activities and Travel Demand. Transportation Research Record, 2008, 2082, 168-175.	1.9	8
207	Activity-travel behaviour analysis for universal mobility design. Transportmetrica, 2012, 8, 149-156.	1.8	8
208	Accounting for Heterogeneity in Travel Episode Satisfaction Using a Random Parameters Panel Effects Regression Model. Procedia Environmental Sciences, 2014, 22, 35-42.	1.4	8
209	Multi-day activity scheduling reactions to planned activities and future events in a dynamic model of activity-travel behavior. Journal of Geographical Systems, 2014, 16, 71-87.	3.1	8
210	Employment status transitions and shifts in daily activity-travel behavior with special focus on shopping duration. Transportation, 2015, 42, 919-931.	4.0	8
211	Estimating panel effects in probabilistic representations of dynamic decision trees using bayesian generalized linear mixture models. Transportation Research Part B: Methodological, 2018, 111, 168-184.	5.9	8
212	Applying affective event theory to explain transit usersâ€™ reactions to service disruptions. Transportation Research, Part A: Policy and Practice, 2019, 130, 593-605.	4.2	8
213	Revealing consumer preferences by observing information search. Journal of Choice Modelling, 2008, 1, 3-25.	2.3	7
214	Location and Accessibility Mediated Influences on Office Firm Closure Rates: A Proportional Hazard Model. International Journal of Urban Sciences, 2010, 14, 1-15.	2.8	7
215	New Credit Mechanism for Semicooperative Agent-Mediated Joint Activityâ€“Travel Scheduling. Transportation Research Record, 2011, 2230, 104-110.	1.9	7
216	Effects of Energy Price Fluctuation on Car-Based Individual Activity-travel Behavior. Procedia, Social and Behavioral Sciences, 2011, 20, 547-557.	0.5	7

#	Article	IF	Citations
217	Simultaneous modeling of individualsâ€™ duration and expenditure decisions in out-of-home leisure activities. Transportation Research, Part A: Policy and Practice, 2014, 70, 93-103.	4.2	7
218	Modeling social influence using sequential stated adaptation experiments: A study of city trip itinerary choice. Transportation Research, Part A: Policy and Practice, 2019, 130, 652-672.	4.2	7
219	Measuring Impacts of Condition Variables in Ruleâ€Based Models of Spaceâ€Time Choice Behavior: Method and Empirical Illustration. Geographical Analysis, 2003, 35, 24-45.	3.5	6
220	Dealing with Increased Complexity in Conjoint Experiments: Background and Overview of Alternate Approaches. Transport Reviews, 2009, 29, 557-567.	8.8	6
221	Determinants of air-rail integration service of Shijiazhuang airport, China: analysis of historical data and stated preferences. Transportmetrica B, 2019, 7, 1572-1587.	2.3	6
222	Time-varying dependencies among mobility decisions and key life course events: An application of dynamic Bayesian decision networks. Transportation Research, Part A: Policy and Practice, 2019, 130, 82-92.	4.2	6
223	Residential Satisfaction in Renovated Historic Blocks in Two Chinese Cities. Professional Geographer, 2021, 73, 333-347.	1.8	6
224	Bikeway Provision and Bicycle Commuting: City-Level Empirical Findings from the US. Sustainability, 2021, 13, 3113.	3.2	6
225	A scenario-based stochastic programming approach for the public charging station location problem. Transportmetrica B, 2022, 10, 340-367.	2.3	6
226	Multi-state supernetworks: recent progress and prospects. Journal of Traffic and Transportation Engineering (English Edition), 2014, 1, 13-27.	4.2	5
227	Dynamic Activity-Travel Assignment in Multi-State Supernetworks. Transportation Research Procedia, 2015, 7, 24-43.	1.5	5
228	Models of Bounded Rationality under Certainty. , 2015, , 1-30.		5
229	Incorporating Bounded Rationality in a Model of Endogenous Dynamics of Activity-Travel Behaviour. , 2015, , 189-212.		5
230	Households transport-home energy conservation strategies in response to energy price policies: A stated adaptation experiment based on portfolio choices and cross effects designs. International Journal of Sustainable Transportation, 2017, 11, 133-147.	4.1	5
231	An integrated Markov decision process and nested logit consumer response model of air ticket pricing. Transportmetrica A: Transport Science, 2017, 13, 544-567.	2.0	5
232	Deriving attribute utilities from mental representations of complex decisions. Journal of Choice Modelling, 2017, 22, 24-38.	2.3	5
233	Turn taking behavior in dual earner households with children: a focus on escorting routines. Transportation, 2020, 47, 203-222.	4.0	5
234	Prevalence of alternative processing rules in the formation of daily travel satisfaction in the context multi-trip, multi-stage, multi-attribute travel experiences. Transportation, 2020, 47, 1199-1221.	4.0	5

#	Article	IF	Citations
235	Latent class path model of intention to move house. Socio-Economic Planning Sciences, 2020, 70, 100743.	5.0	5
236	Intrapersonal heterogeneity in car-sharing decision-making processes by activity-travel contexts: A context-dependent latent class random utility â€“ random regret model. International Journal of Sustainable Transportation, 2021, 15, 501-511.	4.1	5
237	Carsharing-facilitating neighbourhood choice: a mixed logit model. Journal of Housing and the Built Environment, 2021, 36, 1033-1054.	1.8	5
238	Modelling Complex Activityâ€Travel Scheduling Decisions: Procedure for the Simultaneous Estimation of Activity Generation and Duration Functions. Transport Reviews, 2011, 31, 399-418.	8.8	4
239	Activation of Shopping Pedestrian Agentsâ€”Empirical Estimation Results. Applied Spatial Analysis and Policy, 2013, 6, 255-266.	2.0	4
240	The prevalence of context-dependent adjustment of activity-travel patterns in energy conservation strategies: results from a mixture-amount stated adaptation experiment. Transportation, 2016, 43, 79-100.	4.0	4
241	Household vehicle holding decisions in response to life cycle events. Transportation Research Procedia, 2019, 37, 171-178.	1.5	4
242	A generalized mean-variance metric of route choice model under travel time uncertainty. Transportmetrica A: Transport Science, 2022, 18, 299-323.	2.0	4
243	Heterogeneity in job application decisions in two-adult households under social influence: A latent class mixed logit model. Travel Behaviour & Society, 2022, 28, 106-114.	5.0	4
244	SPATIOTEMPORAL SEQUENCING PROCESSES OF PEDESTRIANS IN URBAN RETAIL ENVIRONMENTS. Papers in Regional Science, 1991, 70, 37-52.	1.9	3
245	Towards process validation for complex transport models: A sensitivity analysis of a social network-enhanced activity-travel model. Computers, Environment and Urban Systems, 2016, 55, 24-32.	7.1	3
246	Error by omitted variables in regret-based choice models: formal and empirical comparison with utility-based models using orthogonal design data. Transportmetrica A: Transport Science, 2020, 16, 892-909.	2.0	3
247	Error distributions assumptions in random regret choice models: towards error Frechit specifications. Transportmetrica A: Transport Science, 2020, 16, 1250-1268.	2.0	3
248	Activity-travel scheduling in stochastic multi-state supernetworks with spatial and temporal correlations. Transportmetrica A: Transport Science, 2022, 18, 1300-1324.	2.0	3
249	The Effects of Different Interaction Protocols in Agent-Based Simulation of Social Activities. International Journal of Agent Technologies and Systems, 2011, 3, 18-32.	0.1	3
250	Negotiating on location, timing, duration, and participant in agent-mediated joint activity-travel scheduling. Journal of Geographical Systems, 2013, 15, 427-451.	3.1	2
251	Models of Behavioral Change and Adaptation. , 2017, , 451-477.		2
252	Covariates-dependent random parameters regretâ€“rejoice models of choice behavior: specification and performance assessment using experimental design data. Transportmetrica A: Transport Science, 2019, 15, 485-525.	2.0	2

#	Article	IF	Citations
253	Day-to-Day Needs-based Activity-Travel Dynamics and Equilibria in Multi-State Supernetworks. Transportation Research Procedia, 2019, 38, 503-523.	1.5	2
254	Modeling social influence from a perspective of shift: an elaborated model. Transportmetrica A: Transport Science, 2022, 18, 676-707.	2.0	2
255	Competition Between Egress Transport Modes: Stated Choice Model Incorporating Availability Effects. Transportation Research Record, 2006, 1972, 21-28.	1.9	2
256	Private ownersâ€™ propensity to engage in shared parking schemes under uncertainty: comparison of alternate hybrid expected utility-regret-rejoice choice models. Transportation Letters, 2023, 15, 754-764.	3.1	2
257	Estimating Marginal Mental Efforts of Activity Schedule Adjustment Operators by Using Sequence Alignment. Transportation Research Record, 2009, 2134, 171-177.	1.9	1
258	Publicly announced access recommendations and consumers' service time choices with uncertain congestion. Journal of Choice Modelling, 2014, 10, 1-10.	2.3	1
259	Effects of Fuel Price on Individual Dynamic Travel Decisions. Transportation Research Record, 2014, 2412, 1-10.	1.9	1
260	A reference-dependent user equilibrium model for activity-travel scheduling. Transportation, 2016, 43, 1061-1077.	4.0	1
261	Synchronization of home departure and arrival times in dual earner households with children: Panel regression model of time gaps. Journal of Traffic and Transportation Engineering (English Edition), 2019, 6, 504-513.	4.2	1
262	Non-linear asymmetric gap models of residential satisfaction: Formulation and empirical evidence. Environment and Planning B: Urban Analytics and City Science, 2020, 47, 569-589.	2.0	1
263	Individuals who have zero-interest in living in carsharing-facilitating neighbourhoods: a case study in the Netherlands. European Planning Studies, 2021, 29, 2209-2225.	2.9	1
264	CONTEXT EFFECTS AND DECOMPOSITIONAL CHOICE MODELING. Papers in Regional Science, 1991, 70, 113-131.	1.9	0
265	Short-Term Adaptations as a Response to Travel Time Increases: Results of Stated-Adaptation Experiment. Transportation Research Record, 2016, 2565, 48-56.	1.9	0
266	Simulating the effects of redesigned street-scale built environments on access/egress pedestrian flows to metro stations. Computational Urban Science, 2021, 1, 1.	3.2	0
267	Household Time Use Behavior Analysis: A Case Study of Multidimensional Timing Decisions. , 2017, , 423-450.		0
268	Improved imputation of rule sets in class association rule modeling: application to transportation mode choice. Transportation, 0, , 1.	4.0	0