Taha Hossein Rashidi

List of Publications by Year
in descending order

118 papers	2,831 citations	279701 23 h-index	214721 47 g-index
119 all docs	119 docs citations	119 times ranked	2526 citing authors

#	Article	IF	Citations
1	Digitally transferable ownership of mobility-as-a-service systems using blockchain and smart contracts. Transportation Letters, 2023, 15, 54-61.	1.8	8
2	The impact of attitudes on bicycle-oriented and car-oriented attitudes for non-work travel: A hybrid choice model. International Journal of Sustainable Transportation, 2023, 17, 696-710.	2.1	1
3	Integrating a computable general equilibrium model with the four-step framework. Transportation, 2023, 50, 1213-1260.	2.1	1
4	Measuring users' satisfaction of the road network using structural equation modeling. International Journal of Sustainable Transportation, 2022, 16, 792-803.	2.1	13
5	Easing or tightening control strategies: determination of COVID-19 parameters for an agent-based model. Transportation, 2022, 49, 1265-1293.	2.1	10
6	Dynamic Hybrid Model to Forecast the Spread of COVID-19 Using LSTM and Behavioral Models Under Uncertainty. IEEE Transactions on Cybernetics, 2022, 52, 11977-11989.	6.2	7
7	Do automated vehicle (AV) enthusiasts value travel time differently from cautious travelers? an exploration of travelers' attitudes towards AV. Transportation Planning and Technology, 2022, 45, 19-38.	0.9	1
8	EnviroCoin: A Holistic, Blockchain Empowered, Consensus-Based Carbon Saving Unit Ecosystem. Sustainability, 2022, 14, 6979.	1.6	2
9	Impact of the COVID-19 pandemic on travel behavior in Istanbul: A panel data analysis. Sustainable Cities and Society, 2021, 65, 102619.	5.1	204
10	Exploring the temporal travel choices: a joint modelling of how long to travel and when. Current Issues in Tourism, 2021, 24, 2532-2553.	4.6	3
11	Consideration of different travel strategies and choice set sizes in transit path choice modelling. Transportation, 2021, 48, 723-746.	2.1	8
12	Human urban mobility, personal or global?. Transportation Letters, 2021, 13, 77-82.	1.8	3
13	Transportation Statistics and Databases. , 2021, , 574-586.		0
14	Impact of COVID-19 pandemic on mobility in ten countries and associated perceived risk for all transport modes. PLoS ONE, 2021, 16, e0245886.	1.1	155
15	On-street parking management and pricing policies: An evaluation from a system enhancement perspective. Transportation Research, Part A: Policy and Practice, 2021, 146, 128-151.	2.0	14
16	Facemask and social distancing, pillars of opening up economies. PLoS ONE, 2021, 16, e0249677.	1.1	10
17	A macro-micro approach to modeling parking. Transportation Research Part B: Methodological, 2021, 147, 220-244.	2.8	18
18	Assessing economic benefits of transport projects using an integrated transport-CGE approach. Research in Transportation Economics, 2021, 90, 101115.	2.2	2

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19	A comparison between residential relocation timing of Sydney and Chicago residents: A Bayesian survival analysis. Computers, Environment and Urban Systems, 2021, 89, 101659.	3.3	4
20	Incentives and concerns on vehicle-to-grid technology expressed by Australian employees and employers. Transportation Research, Part D: Transport and Environment, 2021, 98, 102986.	3.2	7
21	Measuring willingness to pay for shared parking. Transportation Research, Part A: Policy and Practice, 2021, 152, 186-202.	2.0	15
22	Evaluating the predictive abilities of mixed logit models with unobserved inter- and intra-individual heterogeneity. Journal of Choice Modelling, 2021, 41, 100323.	1.2	14
23	Willingness to pay for photovoltaic solar cells equipped electric vehicles. Transportation Research Part C: Emerging Technologies, 2021, 133, 103433.	3.9	6
24	X vs. Y: an analysis of intergenerational differences in transport mode use among young adults. Transportation, 2020, 47, 2203-2231.	2.1	5
25	Calibration of large-scale transport planning models: a structured approach. Transportation, 2020, 47, 1867-1905.	2.1	10
26	Assessment of transport equity to Central Business District (CBD) in Sydney, Australia. Transportation Letters, 2020, 12, 246-256.	1.8	21
27	Bayesian estimation of mixed multinomial logit models: Advances and simulation-based evaluations. Transportation Research Part B: Methodological, 2020, 131, 124-142.	2.8	18
28	Willingness to pay for fast charging station for electric vehicles with limited market penetration making. Energy Policy, 2020, 147, 111822.	4.2	22
29	Macroscopic parking dynamics modeling and optimal real-time pricing considering cruising-for-parking. Transportation Research Part C: Emerging Technologies, 2020, 118, 102714.	3.9	45
30	A Dirichlet process mixture model of discrete choice: Comparisons and a case study on preferences for shared automated vehicles. Journal of Choice Modelling, 2020, 36, 100229.	1.2	5
31	Model formulation and calibration procedure for integrated multi-modal activity routing and network assignment models. Transportation Research Part C: Emerging Technologies, 2020, 121, 102853.	3.9	6
32	Pedestrian Characteristics That Favor Desire Lines Despite Closure. Journal of the Urban Planning and Development Division, ASCE, 2020, 146, 04020016.	0.8	1
33	Ensemble of ARIMA: combining parametric and bootstrapping technique for traffic flow prediction. Transportmetrica A: Transport Science, 2020, 16, 1552-1573.	1.3	39
34	Reduced value of time for autonomous vehicle users: Myth or reality?. Transport Policy, 2020, 95, 30-36.	3.4	25
35	Mode Choice Modeling Using Adaptive Data Collection for Different Trip Purposes in Mumbai Metropolitan Region. Transportation in Developing Economies, 2020, 6, 1.	0.9	6
36	Integrating Household Travel Survey and Social Media Data to Improve the Quality of OD Matrix: A Comparative Case Study. IEEE Transactions on Intelligent Transportation Systems, 2020, , 1-9.	4.7	16

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37	Determining the Market Uptake of Demand Responsive Transport Enabled Public Transport Service. Sustainability, 2020, 12, 4914.	1.6	8
38	Impact of government incentives on the market penetration of electric vehicles in Australia. Transportation Research, Part D: Transport and Environment, 2020, 83, 102353.	3.2	74
39	What we know and do not know about connected and autonomous vehicles. Transportmetrica A: Transport Science, 2020, 16, 987-1029.	1.3	22
40	A novel approach for systematically calibrating transport planning model systems. Transportation, 2019, 46, 1915-1950.	2.1	5
41	Preferences for travel-based multitasking: Evidence from a survey among public transit users in the Chicago metropolitan area. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 65, 334-343.	1.8	20
42	Studying the tastes effecting mode choice behavior of travelers under transit service disruptions. Travel Behaviour & Society, 2019, 17, 86-95.	2.4	24
43	Autonomous driving and residential location preferences: Evidence from a stated choice survey. Transportation Research Part C: Emerging Technologies, 2019, 108, 255-268.	3.9	41
44	A two-stage recreational destination choice study incorporating fuzzy logic in discrete choice modelling. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 67, 123-141.	1.8	9
45	Interaction of Public Transport Accessibility and Residential Property Values Using Smart Card Data. Sustainability, 2019, 11, 2709.	1.6	10
46	Perception towards electric vehicles and the impact on consumers' preference. Transportation Research, Part D: Transport and Environment, 2019, 77, 271-291.	3.2	56
47	A competing survival analysis for housing relocation behaviour and risk aversion in a resilient housing market. Environment and Planning B: Urban Analytics and City Science, 2019, 46, 122-142.	1.0	5
48	Investigating the Internal Compromise Between Wife and Husband's Commute Time Changes in Residential Relocation. , 2019, , 325-339.		1
49	A Complex Network Methodology for Travel Demand Model Evaluation and Validation. Networks and Spatial Economics, 2018, 18, 1051-1073.	0.7	10
50	Enhancing the safety of construction crew by accounting for brain resource requirements of activities in job assignment. Automation in Construction, 2018, 88, 31-43.	4.8	10
51	Normative beliefs and modality styles: a latent class and latent variable model of travel behaviour. Transportation, 2018, 45, 789-825.	2.1	43
52	A business establishment fleet ownership and composition model. Transportation, 2018, 45, 971-987.	2.1	14
53	Modelling the global maritime container network. Maritime Economics and Logistics, 2018, 20, 400-420.	2.0	6
54	Dynamic Programming Approach toward Optimization of Workforce Planning Decisions. Journal of Construction Engineering and Management - ASCE, 2018, 144, .	2.0	14

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55	Investigating how household's decision on next tenure status affects residential relocation timing. Journal of Housing and the Built Environment, 2018, 33, 385-408.	0.9	7
56	Comparing Survival Analysis and Discrete Choice Specifications Simulating Dynamics of Vehicle Ownership. Transportation Research Record, 2018, 2672, 34-45.	1.0	8
57	Optimization Concepts in Traffic and Transportation Science. Journal of Advanced Transportation, 2018, 2018, 1-2.	0.9	2
58	How Should Travel Demand and Supply Models Be Jointly Calibrated?. Transportation Research Record, 2018, 2672, 114-124.	1.0	6
59	Latent-Segmentation, Hazard-Based Models of Travel Time. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2174-2180.	4.7	8
60	Incorporating in-home activities in ADAPTS activity-based framework: A sequential conditional probability approach. Journal of Transport Geography, 2017, 61, 48-60.	2.3	7
61	Reviewing the transport domain: an evolutionary bibliometrics and network analysis. Scientometrics, 2017, 110, 843-865.	1.6	46
62	Exploring the capacity of social media data for modelling travel behaviour: Opportunities and challenges. Transportation Research Part C: Emerging Technologies, 2017, 75, 197-211.	3.9	180
63	Developing a disaggregate travel demand system of models using data mining techniques. Transportation Research, Part A: Policy and Practice, 2017, 105, 138-153.	2.0	19
64	Novel dynamic formulations for real-time ride-sharing systems. Transportation Research, Part E: Logistics and Transportation Review, 2017, 108, 122-140.	3.7	78
65	The effect of enhanced international air access on the demand for peripheral tourism destinations: Evidence from air itinerary choice behaviour of Korean visitors to Australia. Transportation Research, Part A: Policy and Practice, 2017, 106, 116-129.	2.0	14
66	Choice Set Formation Behavior in Selecting Travel Routes: Application of an Interactive Online Survey Platform. Transportation Research Record, 2017, 2669, 1-9.	1.0	1
67	An analysis of carsharing vehicle choice and utilization patterns using multiple discrete-continuous extreme value (MDCEV) models. Transportation Research, Part A: Policy and Practice, 2017, 103, 362-376.	2.0	20
68	BIM-enabled sustainability assessment of material supply decisions. Engineering, Construction and Architectural Management, 2017, 24, 668-695.	1.8	54
69	Job Assignment Based on Brain Demands and Human Resource Strategies. Journal of Construction Engineering and Management - ASCE, 2017, 143, 04016123.	2.0	15
70	Estimating surplus food supply for food rescue and delivery operations. Socio-Economic Planning Sciences, 2017, 57, 73-83.	2.5	43
71	Preferences for shared autonomous vehicles. Transportation Research Part C: Emerging Technologies, 2016, 69, 343-355.	3.9	586
72	Impact of risk attitudes and perception on game theoretic driving interactions and safety. Accident Analysis and Prevention, 2016, 94, 135-142.	3.0	19

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73	Choice Set Formation Behavior: Joint Mode and Route Choice Selection Model. Transportation Research Record, 2016, 2563, 96-104.	1.0	9
74	Job Assignments to Construction Workers: Accounting for the Brain Resource Requirements of Activities. , 2016, , .		1
75	How Far Is Too Far?: Providing Safe and Comfortable Walking Environments. Transportation Research Record, 2016, 2586, 72-82.	1.0	10
76	Spatial Aggregation Method for Anonymous Surveys: Case Study for Associations Between Urban Environment and Obesity. Transportation Research Record, 2016, 2598, 27-36.	1.0	3
77	Individual trip rate transferability analysis based on a decision tree approach. Transportation Planning and Technology, 2016, 39, 370-388.	0.9	2
78	Hazard-based model for concrete pouring duration using construction site and supply chain parameters. Automation in Construction, 2016, 71, 283-293.	4.8	21
79	A Spatial Hazard-Based analysis for modelling vehicle selection in station-based carsharing systems. Transportation Research Part C: Emerging Technologies, 2016, 72, 130-142.	3.9	31
80	A Clustering Algorithm for Bi€Criteria Stop Location Design with Elastic Demand. Computer-Aided Civil and Infrastructure Engineering, 2016, 31, 117-131.	6.3	10
81	Papers presented at the Transportation Research Board (TRB) 94th Annual Meeting, Washington, D.C., January 11â€"15, 2015. Transportation, 2016, 43, 951-953.	2.1	4
82	Application of a nested trivariate copula structure in a competing duration hazard-based vehicle transaction decision model. Transportmetrica A: Transport Science, 2016, 12, 550-567.	1.3	12
83	Analysis and planning of bicycle parking for public transport stations. International Journal of Sustainable Transportation, 2016, 10, 495-504.	2.1	26
84	A joint model for trip purpose and escorting patterns of the disabled. Travel Behaviour & Society, 2016, 3, 51-58.	2.4	11
85	Incorporating Multiskilling and Learning in the Optimization of Crew Composition. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	27
86	An analysis on travel party composition and expenditure: a discrete-continuous model. Annals of Tourism Research, 2016, 56, 48-64.	3.7	37
87	Accounting for Transport Times in Planning Off-Site Shipment of Construction Materials. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	2.0	30
88	Modeling Transit Users Stop Choice Behavior: Do Travelers Strategize?. Journal of Public Transportation, 2016, 19, 98-116.	0.3	7
89	Emissions and built form â€" an analysis of six Canadian cities. Transportation Letters, 2015, 7, 80-91.	1.8	3
90	Utilising Location Based Social Media in Travel Survey Methods. , 2015, , .		32

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91	Complementing Travel Diary Surveys with Twitter Data: Application of Text Mining Techniques on Activity Location, Type and Time. , 2015, , .		19
92	Dynamic Housing Search Model Incorporating Income Changes, Housing Prices, and Life-Cycle Events. Journal of the Urban Planning and Development Division, ASCE, 2015, 141, .	0.8	11
93	Mode Choice for School Trips. Transportation Research Record, 2015, 2513, 97-105.	1.0	36
94	A joint model for mode choice and escort decisions of school trips. Transportmetrica A: Transport Science, 2015, 11, 270-289.	1.3	31
95	Behavioral Housing Search Choice Set Formation. International Regional Science Review, 2015, 38, 151-170.	1.0	7
96	Modelling crash propensity of carshare members. Accident Analysis and Prevention, 2014, 70, 140-147.	3.0	2
97	Effectiveness of Bayesian Updating Attributes in Data Transferability Applications. Transportation Research Record, 2013, 2344, 1-9.	1.0	6
98	Transferability and enhancement of a microsimulation model for estimating urban commercial vehicle movements. Journal of Transport Geography, 2012, 24, 358-369.	2.3	17
99	A behavioral housing search model: Two-stage hazard-based and multinomial logit approach to choice-set formation and location selection. Transportation Research, Part A: Policy and Practice, 2012, 46, 1097-1107.	2.0	35
100	Young-Old Elderly and Baby Boomers. Transportation Research Record, 2012, 2322, 51-59.	1.0	3
101	A dynamic hazard-based system of equations of vehicle ownership with endogenous long-term decision factors incorporating group decision making. Journal of Transport Geography, 2011, 19, 1072-1080.	2.3	21
102	Behavioral Housing Search Choice Set Formation: A Hazard-Based Screening Model of Property Value and Work Distance. , 2011, , .		1
103	Dynamic Activity Generation Model Using Competing Hazard Formulation. Transportation Research Record, 2011, 2254, 28-35.	1.0	25
104	Parametric Hazard Functions. Transportation Research Record, 2011, 2230, 48-57.	1.0	11
105	Household travel attributes transferability analysis: application of a hierarchical rule based approach. Transportation, 2011, 38, 697-714.	2.1	18
106	Modeling interdependencies between vehicle transaction, residential relocation and job change. Transportation, 2011, 38, 909-932.	2.1	45
107	A competing hazard model of household vehicle transaction behavior with discrete time intervals and unobserved heterogeneity. Transportation Letters, 2011, 3, 219-229.	1.8	7
108	Effect of Variation in Household Sociodemographics, Lifestyles, and Built Environment on Travel Behavior. Transportation Research Record, 2010, 2156, 64-72.	1.0	10

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109	Household Travel Data Simulation Tool. Transportation Research Record, 2010, 2183, 9-18.	1.0	2
110	School Bus Routing Problem in Large-Scale Networks. Transportation Research Record, 2009, 2137, 140-147.	1.0	6
111	Analysis of National County-Level Heavy-Duty Freight Truck Emissions. , 2009, , .		1
112	Modeling Household Vehicle Transaction Behavior. Transportation Research Record, 2007, 2014, 9-16.	1.0	22
113	What Makes You Cycle this Far? An Analysis of Mandatory Bicycle Tour Distances. SSRN Electronic Journal, 0, , .	0.4	1
114	Incorporating active and non-active mode preferences for Departure time choice behavior. Transportation Letters, 0, , 1-13.	1.8	0
115	COVIDSpread: real-time prediction of COVID-19 spread based on time-series modelling. F1000Research, 0, 10, 1110.	0.8	1
116	Travellers' perceptions of travel time reliability in the presence of rare events. Transportation, 0, , 1.	2.1	0
117	Determinants of residential mobility: an adaptive retrospective survey method. Transportation Letters, 0, , 1-13.	1.8	1
118	Mobile energy‐to‐home integration: An adaption of mobility as a service in urban energy systems. IET Energy Systems Integration, 0, , .	1.1	0