

Sebastian Astroza

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,001
citations

623734

14
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	A behavioral choice model of the use of car-sharing and ride-sourcing services. <i>Transportation</i> , 2017, 44, 1307-1323.	4.0	286
2	Modeling Individual Preferences for Ownership and Sharing of Autonomous Vehicle Technologies. <i>Transportation Research Record</i> , 2017, 2665, 1-10.	1.9	215
3	Mobility Changes, Teleworking, and Remote Communication during the COVID-19 Pandemic in Chile. Findings, 0, , .	0.0	56
4	A new spatial and flexible multivariate random-coefficients model for the analysis of pedestrian injury counts by severity level. <i>Analytic Methods in Accident Research</i> , 2017, 16, 1-22.	8.2	49
5	Incorporating a multiple discrete-continuous outcome in the generalized heterogeneous data model: Application to residential self-selection effects analysis in an activity time-use behavior model. <i>Transportation Research Part B: Methodological</i> , 2016, 91, 52-76.	5.9	41
6	Analysis of the Impact of Technology Use on Multimodality and Activity Travel Characteristics. <i>Transportation Research Record</i> , 2017, 2666, 19-28.	1.9	39
7	An application of a rank ordered probit modeling approach to understanding level of interest in autonomous vehicles. <i>Transportation</i> , 2018, 45, 1623-1637.	4.0	38
8	Quantifying the relative contribution of factors to household vehicle miles of travel. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 63, 23-36.	6.8	36
9	Accounting for multi-dimensional dependencies among decision-makers within a generalized model framework: An application to understanding shared mobility service usage levels. <i>Transport Policy</i> , 2018, 72, 129-137.	6.6	31
10	A spatial generalized ordered-response model with skew normal kernel error terms with an application to bicycling frequency. <i>Transportation Research Part B: Methodological</i> , 2017, 95, 126-148.	5.9	29
11	Joint Analysis of Time Use and Consumer Expenditure Data. <i>Transportation Research Record</i> , 2011, 2231, 53-60.	1.9	27
12	A joint count-continuous model of travel behavior with selection based on a multinomial probit residential density choice model. <i>Transportation Research Part B: Methodological</i> , 2014, 68, 31-51.	5.9	24
13	Understanding activity engagement across weekdays and weekend days: A multivariate multiple discrete-continuous modeling approach. <i>Journal of Choice Modelling</i> , 2018, 28, 56-70.	2.3	23
14	A systematic comparative evaluation of machine learning classifiers and discrete choice models for travel mode choice in the presence of response heterogeneity. <i>Expert Systems With Applications</i> , 2022, 193, 116253.	7.6	21
15	On allowing a general form for unobserved heterogeneity in the multiple discrete-continuous probit model: Formulation and application to tourism travel. <i>Transportation Research Part B: Methodological</i> , 2016, 86, 223-249.	5.9	19
16	Revealed Willingness to Pay for Leisure. <i>Transportation Research Record</i> , 2013, 2382, 75-82.	1.9	16
17	An environment-people interactions framework for analysing children's extra-curricular activities and active transport. <i>Journal of Transport Geography</i> , 2019, 74, 341-358.	5.0	13
18	Introducing relations between activities and goods consumption in microeconomic time use models. <i>Transportation Research Part B: Methodological</i> , 2016, 93, 162-180.	5.9	10

#	ARTICLE	IF	CITATIONS
19	A Microeconomic Theory-Based Latent Class Multiple Discrete-Continuous Choice Model of Time Use and Goods Consumption. <i>Transportation Research Record</i> , 2017, 2664, 31-41.	1.9	9
20	Transportation Planning to Accommodate Needs of Wind Energy Projects. <i>Transportation Research Record</i> , 2017, 2669, 10-18.	1.9	5
21	Representing heterogeneity in structural relationships among multiple choice variables using a latent segmentation approach. <i>Transportation</i> , 2019, 46, 1755-1784.	4.0	5
22	A multivariate hurdle count data model with an endogenous multiple discrete-continuous selection system. <i>Transportation Research Part B: Methodological</i> , 2014, 63, 77-97.	5.9	4
23	Modeling the relationship between food purchasing, transport, and health outcomes: Evidence from Concepcion, Chile. <i>Journal of Choice Modelling</i> , 2022, 42, 100341.	2.3	3
24	On the relation between school and residential location choice: Evidence of heterogeneous strategies from Santiago de Chile. <i>Journal of Transport Geography</i> , 2022, 102, 103359.	5.0	1
25	How did the COVID-19 Pandemic Impact the Location and Duration of Work Activities? A Latent Class Time-Use Study. <i>Findings</i> , 0, , .	0.0	1