

Bruno Kochan

List of Publications by Year in descending order

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48
papers

761
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623574

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913
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Structuring of Activity Scheduling Choices with Consideration of Intrazonal Tours: A Case Study of Motorcycle-Based Cities. <i>Sustainability</i> , 2022, 14, 6367.	1.6	1
2	Toward the improvement of traffic incident management systems using Car2X technologies. <i>Personal and Ubiquitous Computing</i> , 2021, 25, 163-176.	1.9	15
3	An Activity Based integrated approach to model impacts of parking, hubs and new mobility concepts. <i>Procedia Computer Science</i> , 2021, 184, 428-437.	1.2	2
4	Zipf's power law in activity schedules and the effect of aggregation. <i>Future Generation Computer Systems</i> , 2020, 107, 1014-1025.	4.9	4
5	Optimizing copious activity type classes based on classification accuracy and entropy retention. <i>Future Generation Computer Systems</i> , 2020, 110, 338-349.	4.9	1
6	Exploring the Spatial Transferability of FEATHERS " An Activity Based Travel Demand Model " For Ho Chi Minh City, Vietnam. <i>Procedia Computer Science</i> , 2019, 151, 226-233.	1.2	2
7	Multi-stage trips: An exploration of factors affecting mode combination choice of travelers in England. <i>Transport Policy</i> , 2019, 81, 95-105.	3.4	8
8	Activity-based model for medium-sized cities considering external activity"travel: Enhancing FEATHERS framework. <i>Future Generation Computer Systems</i> , 2019, 96, 51-63.	4.9	15
9	Exploratory analysis of Zipf's universal power law in activity schedules. <i>Transportation</i> , 2019, 46, 1689-1712.	2.1	3
10	Investigating pedestrian walkability using a multitude of Seoul data sources. <i>Transportmetrica B</i> , 2018, 6, 54-73.	1.4	6
11	First steps towards a state-of-the-art parking simulator. <i>Procedia Computer Science</i> , 2018, 130, 779-784.	1.2	1
12	Applying FEATHERS for Travel Demand Analysis: Model Considerations. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 211.	1.3	4
13	Developing an optimised activity type annotation method based on classification accuracy and entropy indices. <i>Transportmetrica A: Transport Science</i> , 2017, 13, 742-766.	1.3	12
14	Socioeconomic and sociodemographic inequalities and their association with road traffic injuries. <i>Journal of Transport and Health</i> , 2017, 4, 152-161.	1.1	23
15	Zipf's power law in activity schedules and the effect of aggregation. <i>Procedia Computer Science</i> , 2017, 109, 225-232.	1.2	2
16	Activity-Based Travel Demand Modeling Framework FEATHERS: Sensitivity Analysis with Decision Trees. <i>Transportation Research Record</i> , 2016, 2564, 89-99.	1.0	9
17	A Generic Data-driven Sequential Clustering Algorithm Determining Activity Skeletons. <i>Procedia Computer Science</i> , 2016, 83, 34-41.	1.2	4
18	Travel Demand Forecasting Using Activity-Based Modeling Framework FEATHERS: An Extension. <i>International Journal of Intelligent Systems</i> , 2015, 30, 948-962.	3.3	7

#	ARTICLE	IF	CITATIONS
19	Investigating the Minimum Size of Study Area for an Activity-Based Travel Demand Forecasting Model. <i>Mathematical Problems in Engineering</i> , 2015, 2015, 1-9.	0.6	3
20	Validation of Activity-based Travel Demand Model using Smart-card Data in Seoul, South Korea. <i>Procedia Computer Science</i> , 2015, 52, 707-712.	1.2	3
21	Investigating micro-simulation error in activity-based travel demand forecasting: a case study of the FEATHERS framework. <i>Transportation Planning and Technology</i> , 2015, 38, 425-441.	0.9	10
22	Traffic Safety Implications of Travel Demand Management Policies. , 2015, , 1082-1107.		1
23	Implementation and validation of a modeling framework to assess personal exposure to black carbon. <i>Environment International</i> , 2014, 62, 64-71.	4.8	28
24	Research on Restrained Study Areas for Effective Activity-Based Travel Demand Forecasting. , 2014, , .		0
25	Assessing the road safety impacts of a teleworking policy by means of geographically weighted regression method. <i>Journal of Transport Geography</i> , 2014, 39, 96-110.	2.3	38
26	Modeling Personal Exposure to Air Pollution with AB2C: Environmental Inequality. <i>Procedia Computer Science</i> , 2014, 32, 269-276.	1.2	6
27	Geographical Extension of the Activity-based Modeling Framework FEATHERS. <i>Procedia Computer Science</i> , 2014, 32, 774-779.	1.2	2
28	A framework for electric vehicle charging strategy optimization tested for travel demand generated by an activity-based model. , 2014, , .		1
29	A Study on Data Preprocessing for the Activity-Travel Simulator: A Case of FEATHERS Seoul. <i>Journal of Korean Society of Transportation</i> , 2014, 32, 531-543.	0.1	1
30	Is Driving 1 km to Work Worse for the Environment Than Driving 1 km for Shopping?. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2014, , 79-83.	0.1	1
31	Activity-Based Travel Demand Forecasting Using Micro-Simulation. <i>Advances in Data Mining and Database Management Book Series</i> , 2014, , 167-181.	0.4	1
32	Issues in Feathers Application in the Seoul Metropolitan Area. <i>Advances in Data Mining and Database Management Book Series</i> , 2014, , 71-85.	0.4	1
33	Evaluation of Spatio-Temporal Microsimulation Systems. <i>Advances in Data Mining and Database Management Book Series</i> , 2014, , 141-166.	0.4	1
34	Traffic Safety Implications of Travel Demand Management Policies. <i>Advances in Data Mining and Database Management Book Series</i> , 2014, , 115-140.	0.4	0
35	Integrated health impact assessment of travel behaviour: Model exploration and application to a fuel price increase. <i>Environment International</i> , 2013, 51, 45-58.	4.8	37
36	Assessing the environmental impact associated with different trip purposes. <i>Transportation Research, Part D: Transport and Environment</i> , 2013, 18, 110-116.	3.2	7

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37	Modeling temporal and spatial variability of traffic-related air pollution: Hourly land use regression models for black carbon. <i>Atmospheric Environment</i> , 2013, 74, 237-246.	1.9	76
38	Presentation and evaluation of an integrated model chain to respond to traffic- and health-related policy questions. <i>Environmental Modelling and Software</i> , 2013, 40, 160-170.	1.9	91
39	Evaluating the road safety effects of a fuel cost increase measure by means of zonal crash prediction modeling. <i>Accident Analysis and Prevention</i> , 2013, 50, 186-195.	3.0	28
40	Application of Different Exposure Measures in Development of Planning-Level Zonal Crash Prediction Models. <i>Transportation Research Record</i> , 2012, 2280, 145-153.	1.0	23
41	Activity-Based Modeling to Predict Spatial and Temporal Power Demand of Electric Vehicles in Flanders, Belgium. <i>Transportation Research Record</i> , 2012, 2287, 146-154.	1.0	30
42	The usefulness of the Sequence Alignment Methods in validating rule-based activity-based forecasting models. <i>Transportation</i> , 2012, 39, 773-789.	2.1	13
43	Health impact assessment of air pollution using a dynamic exposure profile: Implications for exposure and health impact estimates. <i>Environmental Impact Assessment Review</i> , 2012, 36, 42-51.	4.4	64
44	Integration of population mobility in the evaluation of air quality measures on local and regional scales. <i>Atmospheric Environment</i> , 2012, 59, 67-74.	1.9	25
45	Implementation Framework and Development Trajectory of FEATHERS Activity-Based Simulation Platform. <i>Transportation Research Record</i> , 2010, 2175, 111-119.	1.0	120
46	Quality assessment of location data obtained by the GPS-enabled PARROTS survey tool. <i>Journal of Location Based Services</i> , 2010, 4, 93-104.	1.4	5
47	Field Evaluation of Personal Digital Assistant Enabled by Global Positioning System. <i>Transportation Research Record</i> , 2008, 2049, 136-143.	1.0	22
48	Activity Sequence Generation Using Universal Mobility Patterns. <i>Transportation Research Record</i> , 0, , 036119812110624.	1.0	0