

Jan Dirk Schmäjcker

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

2,244
citations

186209

28
h-index

254106

43
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95
all docs

95
docs citations

95
times ranked

1760
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinguishing different types of city tourists through clustering and recursive logit models applied to Wi-Fi data. <i>Asian Transport Studies</i> , 2022, 8, 100044.	0.7	4
2	Restrictive and stimulative impacts of COVID-19 policies on activity trends: A case study of Kyoto. <i>Transportation Research Interdisciplinary Perspectives</i> , 2022, 13, 100551.	1.6	3
3	Modelling sequential ticket booking choices during Chinese New Year. <i>Transportation</i> , 2021, 48, 1987-2010.	2.1	1
4	On the tradeoff between sensitivity and specificity in bus bunching prediction. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2021, 25, 384-400.	2.6	4
5	Estimation of city tourism flows: challenges, new data and COVID. <i>Transport Reviews</i> , 2021, 41, 137-140.	4.7	16
6	Planning for tourist urban evacuation routes: A framework for improving the data collection and evacuation processes. <i>Environment and Planning B: Urban Analytics and City Science</i> , 2021, 48, 1108-1125.	1.0	9
7	An Integrated Optimisation-Simulation Framework for Scalable Smart Charging and Relocation of Shared Autonomous Electric Vehicles. <i>Energies</i> , 2021, 14, 3633.	1.6	13
8	Frequency Control Reserve Provision from a Fleet of Shared Autonomous Electric Vehicles. , 2021, , .		3
9	Dynamic pricing for ride-hailing services considering relocation and mode choice. , 2021, , .		2
10	Estimation of Transfer Time Distribution Parameters with Automatic Fare Collection Data: Stochastic Frontier Model. <i>Journal of Transportation Engineering Part A: Systems</i> , 2021, 147, .	0.8	1
11	Estimation of walking patterns in a touristic area with Wi-Fi packet sensors. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 128, 103219.	3.9	11
12	Estimating the route-level passenger demand profile from bus dwell times. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 130, 103273.	3.9	7
13	Big Data for Public Transport Planning. , 2021, , 134-139.		0
14	Joint car ownership and car type preference model considering engagement in online activities and environmental concern. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2020, 68, 293-305.	1.8	10
15	Route choice effects of changes from a zonal to a distance-based fare structure in a regional public transport network. <i>Public Transport</i> , 2020, 12, 535-555.	1.7	2
16	Integrated impacts of public transport travel and travel satisfaction on quality of life of older people. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 138, 15-27.	2.0	23
17	A diffusion model for estimating adoption patterns of a one-way carsharing system in its initial years. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 136, 135-150.	2.0	10
18	Regional heterogeneity in Taiwan HSR demand developments: station accessibility and its effect on usage adoption. <i>European Planning Studies</i> , 2019, 27, 555-573.	1.6	4

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19	Transport sufficiency: Introduction & case study. <i>Travel Behaviour & Society</i> , 2019, 15, 54-62.	2.4	11
20	On the interaction between public transport demand, service quality and fare for social welfare optimisation. <i>Research in Transportation Economics</i> , 2019, 76, 100732.	2.2	21
21	A Markovian model of user adaptation with case study of a shared bicycle scheme. <i>Transportmetrica B</i> , 2019, 7, 223-236.	1.4	3
22	Evaluation of tsunami evacuation planning considering vehicle usage and start timing of evacuation. <i>Transportmetrica A: Transport Science</i> , 2018, 14, 50-65.	1.3	7
23	Considering passenger choices and overtaking in the bus bunching problem. <i>Transportmetrica B</i> , 2018, 6, 151-168.	1.4	19
24	Analyzing long-term travel behaviour: A comparison of smart card data and graphical usage patterns. <i>Transportation Research Procedia</i> , 2018, 32, 34-43.	0.8	4
25	Analysis of incident costs in a vulnerable sparse rail network – Description and Iran case study. <i>Research in Transportation Economics</i> , 2018, 70, 9-27.	2.2	7
26	Understanding the stages and pathways of travel behavior change induced by technology-based intervention among university students. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 59, 98-114.	1.8	19
27	Service quality evaluation for urban rail transfer facilities with Rasch analysis. <i>Travel Behaviour & Society</i> , 2018, 13, 26-35.	2.4	31
28	Adaptation patterns to high speed rail usage in Taiwan and China. <i>Transportation</i> , 2017, 44, 807-830.	2.1	11
29	Can we promote sustainable travel behavior through mobile apps? Evaluation and review of evidence. <i>International Journal of Sustainable Transportation</i> , 2017, 11, 553-566.	2.1	60
30	Innovation adoption modeling in transportation: New models and data. <i>Journal of Choice Modelling</i> , 2017, 25, 61-68.	1.2	19
31	Modelling social norms: Case study of students' car purchase intentions. <i>Travel Behaviour & Society</i> , 2017, 7, 12-25.	2.4	35
32	Optimal hyperpaths with non-additive link costs. <i>Transportation Research Part B: Methodological</i> , 2017, 105, 235-248.	2.8	5
33	Analysis of Car Type Preferences Among Students Based on Seemingly Unrelated Regression. <i>Transportation Research Record</i> , 2017, 2666, 85-93.	1.0	5
34	Estimation of Platform Waiting Time Distribution Considering Service Reliability Based on Smart Card Data and Performance Reports. <i>Transportation Research Record</i> , 2017, 2652, 30-38.	1.0	13
35	Long-term impact of the Shinkansen on rail and air demand: analysis with data from Northeast Japan. <i>Transportation Planning and Technology</i> , 2017, 40, 741-756.	0.9	9
36	Optimal Hyperpaths With Non-Additive Link Costs. <i>Transportation Research Procedia</i> , 2017, 23, 790-808.	0.8	1

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37	Adjusting bus timetables considering observed delays and passenger numbers. , 2017, , .		0
38	Implementation of a mobility behavior change support system in Manila Philippines. , 2017, , .		2
39	Are Campus Bicycle Sharing Schemes Useful? An Analysis with Kyoto University Data. International Journal of Transportation, 2017, 5, 29-44.	0.4	0
40	Exploring the relationship between undergraduate education and sustainable transport attitudes. International Journal of Sustainable Transportation, 2016, 10, 385-392.	2.1	10
41	New services, new travelers, old models? Directions to pioneer public transport models in the era of big data. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2016, 20, 311-315.	2.6	17
42	Bus bunching along a corridor served by two lines. Transportation Research Part B: Methodological, 2016, 93, 300-317.	2.8	61
43	Fixed-route taxi system: route network design and fleet size minimization problems. Journal of Advanced Transportation, 2016, 50, 1252-1271.	0.9	10
44	Understanding car ownership motivations among Indonesian students. International Journal of Sustainable Transportation, 2016, 10, 295-307.	2.1	53
45	Social norms and public transport usage: empirical study from Shanghai. Transportation, 2016, 43, 869-888.	2.1	51
46	The Theory of Transit Assignment: Demand and Supply Phenomena. Springer Tracts on Transportation and Traffic, 2016, , 387-481.	0.2	5
47	Agent-Based Evacuation Model considering Field Effects and Government Advice. Transportation Research Record, 2015, 2532, 129-140.	1.0	8
48	A Model of Bus Bunching under Reliability-based Passenger Arrival Patterns. Transportation Research Procedia, 2015, 7, 276-299.	0.8	19
49	A model of bus bunching under reliability-based passenger arrival patterns. Transportation Research Part C: Emerging Technologies, 2015, 59, 164-182.	3.9	49
50	Demand adaptation towards new transport modes: the case of high-speed rail in Taiwan. Transportmetrica B, 2015, 3, 27-43.	1.4	8
51	The impact of irregular headways on seat availability. Transportmetrica A: Transport Science, 2014, 10, 483-501.	1.3	12
52	Car ownership motivations among undergraduate students in China, Indonesia, Japan, Lebanon, Netherlands, Taiwan, and USA. Transportation, 2014, 41, 1227-1244.	2.1	88
53	Effects of Transit Real-Time Information Usage Strategies. Transportation Research Record, 2014, 2417, 121-129.	1.0	30
54	Dynamic process model of mass effects on travel demand. Transportation, 2014, 41, 279-304.	2.1	13

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55	Variability of commuters' bus line choice: an analysis of oyster card data. <i>Public Transport</i> , 2014, 6, 21-34.	1.7	26
56	The influence of personality on acceptability of sustainable transport policies. <i>Transportation</i> , 2014, 41, 855-872.	2.1	35
57	Performance of Route Suggestions in Networks with Correlated Link Congestion. <i>Procedia, Social and Behavioral Sciences</i> , 2014, 111, 800-809.	0.5	0
58	Generation and calibration of transit hyperpaths. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 36, 406-418.	3.9	41
59	Generation and Calibration of Transit Hyperpaths. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 80, 211-230.	0.5	11
60	Faster hyperpath generating algorithms for vehicle navigation. <i>Transportmetrica A: Transport Science</i> , 2013, 9, 925-948.	1.3	16
61	Effects of Peer Influence, Satisfaction and Regret on Car Purchase Desire. <i>Procedia Environmental Sciences</i> , 2013, 17, 485-493.	1.3	17
62	Attitudes towards road pricing and environmental taxation among US and UK students. <i>Transportation Research, Part A: Policy and Practice</i> , 2013, 48, 50-62.	2.0	46
63	Mass effects and mobility decisions. <i>Transportation Letters</i> , 2013, 5, 115-130.	1.8	40
64	EVALUATION OF THE TRAVEL TIME RELIABILITY OF PUBLIC TRANSPORTATION USING A TRANSIT ASSIGNMENT MODEL CONSIDERING THE VEHICLE CAPACITY AND THE CORRELATION OF VEHICLES' ARRIVAL. <i>Journal of Japan Society of Civil Engineers Ser D3 (Infrastructure Planning and Management)</i> , 2012, 68, I_701-I_707.	0.0	0
65	Comparative Analysis of Proximal and Distal Determinants for the Acceptance of Coercive Charging Policies in the UK and Japan. <i>International Journal of Sustainable Transportation</i> , 2012, 6, 156-173.	2.1	37
66	Estimating Weights of Times and Transfers for Hyperpath Travelers. <i>Transportation Research Record</i> , 2012, 2284, 89-99.	1.0	22
67	Link-Based Route Choice considering Risk Aversion, Disappointment, and Regret. <i>Transportation Research Record</i> , 2012, 2322, 119-128.	1.0	14
68	Optimisation of a Bus Network Configuration and Frequency Considering the Common Lines Problem. <i>Journal of Transportation Technologies</i> , 2012, 02, 220-229.	0.2	15
69	Influence of arrogance on acceptance of TDM policy. <i>Journal of Human Environmental Studies</i> , 2012, 10, 71-77.	0.0	0
70	Frequency-based transit assignment considering seat capacities. <i>Transportation Research Part B: Methodological</i> , 2011, 45, 392-408.	2.8	92
71	Traffic Control: Current Systems and Future Vision of Cities. <i>International Journal of Intelligent Transportation Systems Research</i> , 2010, 8, 56-65.	0.6	4
72	An analysis of trip chaining among older London residents. <i>Transportation</i> , 2010, 37, 105-123.	2.1	41

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73	Special issue on transit planning, operation and management in densely populated areas. <i>Transportation</i> , 2010, 37, 705-707.	2.1	0
74	Active ageing in developing countries? â€“ trip generation and tour complexity of older people in Metro Manila. <i>Journal of Transport Geography</i> , 2010, 18, 613-623.	2.3	61
75	Mobility Scooters on Loan â€“ A Scheme Complementing the Existing Special Transport Services in London. <i>International Journal of Sustainable Transportation</i> , 2010, 4, 95-111.	2.1	5
76	On Decision Principles for Routing Strategies Under Various Types of Risks. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2010, , 57-71.	0.1	3
77	Special Issue on Improving Network Reliability Through ITS Technologies. <i>Journal of Intelligent Transportation Systems: Technology, Planning, and Operations</i> , 2009, 13, 1-1.	2.6	9
78	A Game Theoretic Approach to the Determination of Hyperpaths in Transportation Networks. , 2009, , 1-18.		16
79	Mode Choice of Older People Before and After Shopping: A Study with London Data. <i>Journal of Transport and Land Use</i> , 2009, 2, .	0.7	30
80	Evaluating critical lines and stations considering the impact of the consequence using transit assignment model â€“case study of London's underground network. <i>Journal of Advanced Transportation</i> , 2008, 42, 291-310.	0.9	9
81	Multi-objective signal control of urban junctions â€“ Framework and a London case study. <i>Transportation Research Part C: Emerging Technologies</i> , 2008, 16, 454-470.	3.9	51
82	Mode choice of older and disabled people: a case study of shopping trips in London. <i>Journal of Transport Geography</i> , 2008, 16, 257-267.	2.3	165
83	A quasi-dynamic capacity constrained frequency-based transit assignment model. <i>Transportation Research Part B: Methodological</i> , 2008, 42, 925-945.	2.8	92
84	Attackerâ€“defender models and road network vulnerability. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 1893-1906.	1.6	111
85	The impact of the congestion charge on the retail business in London: An econometric analysis. <i>Transport Policy</i> , 2007, 14, 433-444.	3.4	32
86	Changes in the frequency of shopping trips in response to a congestion charge. <i>Transport Policy</i> , 2006, 13, 217-228.	3.4	28
87	Metro Service Delay Recovery. <i>Transportation Research Record</i> , 2005, 1930, 30-37.	1.0	32
88	Estimating Trip Generation of Elderly and Disabled People. <i>Transportation Research Record</i> , 2005, 1924, 9-18.	1.0	70
89	Estimating Trip Generation of Elderly and Disabled People: Analysis of London Data. <i>Transportation Research Record</i> , 2005, 1924, 9-18.	1.0	64
90	Metro Service Delay Recovery: Comparison of Strategies and Constraints Across Systems. <i>Transportation Research Record</i> , 2005, 1930, 30-37.	1.0	17

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91	Capacity Constrained Transit Assignment with Common Lines. Mathematical Modelling and Algorithms, 2003, 2, 309-327.	0.5	103
92	Assessing Transport Reliability: Malevolence and User Knowledge. , 2003, , 1-22.		27
93	Latent stage model for carsharing usage frequency estimation with Montréal case study. Transportation, 0, , 1.	2.1	1
94	Calibration of sightseeing tour choices considering multiple decision criteria with diminishing reward. Transportation, 0, , .	2.1	3