Jan Dirk Schmcker

List of Publications by Year in Descending Order

86 papers	1,635 citations	24 h-index	37 g-index
95 ext. papers	1,933 ext. citations	3.5 avg, IF	5.1 L-index

#	Paper	IF	Citations
86	Distinguishing different types of city tourists through clustering and recursive logit models applied to Wi-Fi data. *Asian Transport Studies*, **2022**, 8, 100044	0.6	1
85	Restrictive and stimulative impacts of COVID-19 policies on activity trends: A case study of Kyoto.. *Transportation Research Interdisciplinary Perspectives*, **2022**, 13, 100551	7.3	
84	An Integrated Optimisation-Simulation Framework for Scalable Smart Charging and Relocation of Shared Autonomous Electric Vehicles. *Energies*, **2021**, 14, 3633	3.1	6
83	Estimation of walking patterns in a touristic area with Wi-Fi packet sensors. *Transportation Research Part C: Emerging Technologies*, **2021**, 128, 103219	8.4	1
82	Modelling sequential ticket booking choices during Chinese New Year. *Transportation*, **2021**, 48, 1987-2010	4	1
81	On the tradeoff between sensitivity and specificity in bus bunching prediction. *Journal of Intelligent Transportation Systems: Technology, Planning, and Operations*, **2021**, 25, 384-400	3.2	1
80	Planning for tourist urban evacuation routes: A framework for improving the data collection and evacuation processes. *Environment and Planning B: Urban Analytics and City Science*, **2021**, 48, 1108-1125	2	2
79	Estimating the route-level passenger demand profile from bus dwell times. *Transportation Research Part C: Emerging Technologies*, **2021**, 130, 103273	8.4	1
78	Big Data for Public Transport Planning **2021**, 134-139		
77	Integrated impacts of public transport travel and travel satisfaction on quality of life of older people. *Transportation Research, Part A: Policy and Practice*, **2020**, 138, 15-27	3.7	8
76	A diffusion model for estimating adoption patterns of a one-way carsharing system in its initial years. *Transportation Research, Part A: Policy and Practice*, **2020**, 136, 135-150	3.7	6
75	Joint car ownership and car type preference model considering engagement in online activities and environmental concern. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2020**, 68, 293-305	4.5	4
74	Route choice effects of changes from a zonal to a distance-based fare structure in a regional public transport network. *Public Transport*, **2020**, 12, 535-555	2.1	1
73	Regional heterogeneity in Taiwan HSR demand developments: station accessibility and its effect on usage adoption. *European Planning Studies*, **2019**, 27, 555-573	3.2	2
72	Transport sufficiency: Introduction & case study. *Travel Behaviour & Society*, **2019**, 15, 54-62	5.3	5
71	On the interaction between public transport demand, service quality and fare for social welfare optimisation. *Research in Transportation Economics*, **2019**, 76, 100732	2.4	7
70	A Markovian model of user adaptation with case study of a shared bicycle scheme. *Transportmetrica B*, **2019**, 7, 223-236	1.8	3

69	Evaluation of tsunami evacuation planning considering vehicle usage and start timing of evacuation. *Transportmetrica A: Transport Science*, **2018**, 14, 50-65	2.5	4
68	Considering passenger choices and overtaking in the bus bunching problem. *Transportmetrica B*, **2018**, 6, 151-168	1.8	15
67	Service quality evaluation for urban rail transfer facilities with Rasch analysis. *Travel Behaviour & Society*, **2018**, 13, 26-35	5.3	17
66	Analyzing long-term travel behaviour: A comparison of smart card data and graphical usage patterns. *Transportation Research Procedia*, **2018**, 32, 34-43	2.4	2
65	Analysis of incident costs in a vulnerable sparse rail network Description and Iran case study. *Research in Transportation Economics*, **2018**, 70, 9-27	2.4	4
64	Understanding the stages and pathways of travel behavior change induced by technology-based intervention among university students. *Transportation Research Part F: Traffic Psychology and Behaviour*, **2018**, 59, 98-114	4.5	14
63	Adaptation patterns to high speed rail usage in Taiwan and China. *Transportation*, **2017**, 44, 807-830	4	8
62	Can we promote sustainable travel behavior through mobile apps? Evaluation and review of evidence. *International Journal of Sustainable Transportation*, **2017**, 11, 553-566	3.6	42
61	Innovation adoption modeling in transportation: New models and data. *Journal of Choice Modelling*, **2017**, 25, 61-68	3.8	16
60	Modelling social norms: Case study of students car purchase intentions. *Travel Behaviour & Society*, **2017**, 7, 12-25	5.3	21
59	Optimal hyperpaths with non-additive link costs. *Transportation Research Part B: Methodological*, **2017**, 105, 235-248	7.2	4
58	Are Campus Bicycle Sharing Schemes Useful? An Analysis with Kyoto University Data. *International Journal of Transportation*, **2017**, 5, 29-44		
57	Analysis of Car Type Preferences Among Students Based on Seemingly Unrelated Regression. *Transportation Research Record*, **2017**, 2666, 85-93	1.7	3
56	Estimation of Platform Waiting Time Distribution Considering Service Reliability Based on Smart Card Data and Performance Reports. *Transportation Research Record*, **2017**, 2652, 30-38	1.7	7
55	Long-term impact of the Shinkansen on rail and air demand: analysis with data from Northeast Japan. *Transportation Planning and Technology*, **2017**, 40, 741-756	1.6	7
54	Optimal Hyperpaths With Non-Additive Link Costs. *Transportation Research Procedia*, **2017**, 23, 790-808	2.4	0
53	Implementation of a mobility behavior change support system in Manila Philippines **2017**,		1
52	Social norms and public transport usage: empirical study from Shanghai. *Transportation*, **2016**, 43, 869-888		37

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51	Fixed-route taxi system: route network design and fleet size minimization problems. *Journal of Advanced Transportation*, **2016**, 50, 1252-1271	1.9	5
50	Understanding car ownership motivations among Indonesian students. *International Journal of Sustainable Transportation*, **2016**, 10, 295-307	3.6	40
49	The Theory of Transit Assignment: Demand and Supply Phenomena. *Springer Tracts on Transportation and Traffic*, **2016**, 387-481	0.3	3
48	Exploring the relationship between undergraduate education and sustainable transport attitudes. *International Journal of Sustainable Transportation*, **2016**, 10, 385-392	3.6	5
47	Bus bunching along a corridor served by two lines. *Transportation Research Part B: Methodological*, **2016**, 93, 300-317	7.2	44
46	A model of bus bunching under reliability-based passenger arrival patterns. *Transportation Research Part C: Emerging Technologies*, **2015**, 59, 164-182	8.4	35
45	Demand adaptation towards new transport modes: the case of high-speed rail in Taiwan. *Transportmetrica B*, **2015**, 3, 27-43	1.8	6
44	Agent-Based Evacuation Model considering Field Effects and Government Advice. *Transportation Research Record*, **2015**, 2532, 129-140	1.7	6
43	A Model of Bus Bunching under Reliability-based Passenger Arrival Patterns. *Transportation Research Procedia*, **2015**, 7, 276-299	2.4	12
42	Variability of commuters bus line choice: an analysis of oyster card data. *Public Transport*, **2014**, 6, 21-34	2.1	22
41	The influence of personality on acceptability of sustainable transport policies. *Transportation*, **2014**, 41, 855-872	4	24
40	Performance of Route Suggestions in Networks with Correlated Link Congestion. *Procedia, Social and Behavioral Sciences*, **2014**, 111, 800-809		
39	The impact of irregular headways on seat availability. *Transportmetrica A: Transport Science*, **2014**, 10, 483-501	2.5	10
38	Car ownership motivations among undergraduate students in China, Indonesia, Japan, Lebanon, Netherlands, Taiwan, and USA. *Transportation*, **2014**, 41, 1227-1244	4	64
37	Effects of Transit Real-Time Information Usage Strategies. *Transportation Research Record*, **2014**, 2417, 121-129	1.7	24
36	Dynamic process model of mass effects on travel demand. *Transportation*, **2014**, 41, 279-304	4	9
35	Generation and calibration of transit hyperpaths. *Transportation Research Part C: Emerging Technologies*, **2013**, 36, 406-418	8.4	37
34	Generation and Calibration of Transit Hyperpaths. *Procedia, Social and Behavioral Sciences*, **2013**, 80, 211-230		8

33	Faster hyperpath generating algorithms for vehicle navigation. *Transportmetrica A: Transport Science*, **2013**, 9, 925-948	2.5	14
32	Effects of Peer Influence, Satisfaction and Regret on Car Purchase Desire. *Procedia Environmental Sciences*, **2013**, 17, 485-493		15
31	Attitudes towards road pricing and environmental taxation among US and UK students. *Transportation Research, Part A: Policy and Practice*, **2013**, 48, 50-62	3.7	36
30	Mass effects and mobility decisions. *Transportation Letters*, **2013**, 5, 115-130	2.1	34
29	Comparative Analysis of Proximal and Distal Determinants for the Acceptance of Coercive Charging Policies in the UK and Japan. *International Journal of Sustainable Transportation*, **2012**, 6, 156-173	3.6	32
28	Estimating Weights of Times and Transfers for Hyperpath Travelers. *Transportation Research Record*, **2012**, 2284, 89-99	1.7	15
27	Link-Based Route Choice considering Risk Aversion, Disappointment, and Regret. *Transportation Research Record*, **2012**, 2322, 119-128	1.7	14
26	EVALUATION OF THE TRAVEL TIME RELIABILITY OF PUBLIC TRANSPORTATION USING A TRANSIT ASSIGNMENT MODEL CONSIDERING THE VEHICLE CAPACITY AND THE CORRELATION OF VEHICLES' ARRIVAL. *Journal of Japan Society of Civil Engineers Ser D3 (Infrastructure Planning and Management)*, **2012**, 68, I_701-I_707	0.1	
25	Optimisation of a Bus Network Configuration and Frequency Considering the Common Lines Problem. *Journal of Transportation Technologies*, **2012**, 02, 220-229	0.8	14
24	Influence of arrogance on acceptance of TDM policy. *Journal of Human Environmental Studies*, **2012**, 10, 71-77	0.1	
23	Frequency-based transit assignment considering seat capacities. *Transportation Research Part B: Methodological*, **2011**, 45, 392-408	7.2	74
22	Active ageing in developing countries? Trip generation and tour complexity of older people in Metro Manila. *Journal of Transport Geography*, **2010**, 18, 613-623	5.2	45
21	Mobility Scooters on Loan A Scheme Complementing the Existing Special Transport Services in London. *International Journal of Sustainable Transportation*, **2010**, 4, 95-111	3.6	5
20	Traffic Control: Current Systems and Future Vision of Cities. *International Journal of Intelligent Transportation Systems Research*, **2010**, 8, 56-65	1.4	3
19	An analysis of trip chaining among older London residents. *Transportation*, **2010**, 37, 105-123	4	35
18	Special issue on transit planning, operation and management in densely populated areas. *Transportation*, **2010**, 37, 705-707	4	
17	On Decision Principles for Routing Strategies Under Various Types of Risks. *NATO Science for Peace and Security Series C: Environmental Security*, **2010**, 57-71	0.3	2
16	A Game Theoretic Approach to the Determination of Hyperpaths in Transportation Networks **2009**, 1-18		13

15	Mode Choice of Older People Before and After Shopping: A Study with London Data. *Journal of Transport and Land Use*, **2009**, 2,	3.1	26
14	Mode choice of older and disabled people: a case study of shopping trips in London. *Journal of Transport Geography*, **2008**, 16, 257-267	5.2	129
13	A quasi-dynamic capacity constrained frequency-based transit assignment model. *Transportation Research Part B: Methodological*, **2008**, 42, 925-945	7.2	64
12	Attacker-defender models and road network vulnerability. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2008**, 366, 1893-906	3	89
11	Evaluating critical lines and stations considering the impact of the consequence using transit assignment model -case study of London's underground network. *Journal of Advanced Transportation*, **2008**, 42, 291-310	1.9	7
10	Multi-objective signal control of urban junctions Framework and a London case study. *Transportation Research Part C: Emerging Technologies*, **2008**, 16, 454-470	8.4	37
9	The impact of the congestion charge on the retail business in London: An econometric analysis. *Transport Policy*, **2007**, 14, 433-444	5.7	29
8	Changes in the frequency of shopping trips in response to a congestion charge. *Transport Policy*, **2006**, 13, 217-228	5.7	25
7	Metro Service Delay Recovery: Comparison of Strategies and Constraints Across Systems. *Transportation Research Record*, **2005**, 1930, 30-37	1.7	22
6	Estimating Trip Generation of Elderly and Disabled People: Analysis of London Data. *Transportation Research Record*, **2005**, 1924, 9-18	1.7	51
5	Assessing Transport Reliability: Malevolence and User Knowledge **2003**, 1-22		14
4	Capacity Constrained Transit Assignment with Common Lines. *Mathematical Modelling and Algorithms*, **2003**, 2, 309-327		85
3	Estimating Trip Generation of Elderly and Disabled People: Analysis of London Data		48
2	Metro Service Delay Recovery: Comparison of Strategies and Constraints Across Systems		13
1	Latent stage model for carsharing usage frequency estimation with Montréal case study. *Transportation*,1		4