

Gunnar Flåtterød

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

839
citations

623574

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677027

22
g-index

27
all docs

27
docs citations

27
times ranked

760
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation based population synthesis. Transportation Research Part B: Methodological, 2013, 58, 243-263.	2.8	121
2	Bidirectional pedestrian fundamental diagram. Transportation Research Part B: Methodological, 2015, 71, 194-212.	2.8	83
3	Operational macroscopic modeling of complex urban road intersections. Transportation Research Part B: Methodological, 2011, 45, 903-922.	2.8	67
4	Bayesian Demand Calibration for Dynamic Traffic Simulations. Transportation Science, 2011, 45, 541-561.	2.6	64
5	Dynamic network loading: A stochastic differentiable model that derives link state distributions. Transportation Research Part B: Methodological, 2011, 45, 1410-1423.	2.8	47
6	Estimating network properties from snowball sampled data. Social Networks, 2012, 34, 701-711.	1.3	46
7	Behavioral Calibration and Analysis of a Large-Scale Travel Microsimulation. Networks and Spatial Economics, 2012, 12, 481-502.	0.7	45
8	The Role of Spatial Interaction in Social Networks. Networks and Spatial Economics, 2013, 13, 255-282.	0.7	45
9	Efficient real time OD matrix estimation based on Principal Component Analysis. , 2012, , .		42
10	Metropolisâ€Hastings sampling of paths. Transportation Research Part B: Methodological, 2013, 48, 53-66.	2.8	39
11	Efficient calibration techniques for large-scale traffic simulators. Transportation Research Part B: Methodological, 2017, 97, 214-239.	2.8	39
12	Analysis of Implicit Choice Set Generation Using a Constrained Multinomial Logit Model. Transportation Research Record, 2010, 2175, 92-97.	1.0	30
13	Non-unique flows in macroscopic first-order intersection models. Transportation Research Part B: Methodological, 2012, 46, 343-359.	2.8	30
14	Capturing Dependency Among Link Boundaries in a Stochastic Dynamic Network Loading Model. Transportation Science, 2015, 49, 420-431.	2.6	29
15	Enhancing MATSim with capabilities of within-day re-planning. , 2007, , .		18
16	A CA Model for Bidirectional Pedestrian Streams. Procedia Computer Science, 2015, 52, 950-955.	1.2	15
17	Towards System Optimum: Finding Optimal Routing Strategies in Time-Dependent Networks for Large-Scale Evacuation Problems. Lecture Notes in Computer Science, 2009, , 532-539.	1.0	13
18	Disaggregate Path Flow Estimation in an Iterated Dynamic Traffic Assignment Microsimulation. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2014, 18, 204-214.	2.6	13

#	ARTICLE	IF	CITATIONS
19	Macroscopic model of multidirectional pedestrian network flows. Transportation Research Part B: Methodological, 2021, 145, 1-23.	2.8	13
20	Revisiting the route choice problem: A modeling framework based on mental representations. Journal of Choice Modelling, 2016, 19, 1-23.	1.2	12
21	High Speed Combined Micro/Macro Simulation of Traffic Flow. , 2007, , .		9
22	Dynamic network loading: a stochastic differentiable model that derives link state distributions. Procedia, Social and Behavioral Sciences, 2011, 17, 364-381.	0.5	6
23	A Metamodel Simulation-based Optimization Approach for the Efficient Calibration of Stochastic Traffic Simulators. Transportation Research Procedia, 2015, 6, 213-223.	0.8	6
24	A search acceleration method for optimization problems with transport simulation constraints. Transportation Research Part B: Methodological, 2017, 98, 239-260.	2.8	5
25	Optimal Evacuation Solutions for Large-Scale Scenarios. Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR, 2011, , 239-244.	0.1	2
26	Gaming simulations with environmental trajectories that maximize information gain. , 2012, , .		0
27	Running Urban Microsimulations Consistently with Real-World Data. Communications in Computer and Information Science, 2012, , 181-199.	0.4	0