

Sebastian Hägerl

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

511
citations

1040018

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h-index

888047

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23
docs citations

23
times ranked

307
citing authors

#	ARTICLE	IF	CITATIONS
1	Extending JSprit to solve electric vehicle routing problems with recharging. <i>Procedia Computer Science</i> , 2022, 201, 289-295.	2.0	0
2	Implementing reinforcement learning for on-demand vehicle rebalancing in MATSim. <i>Procedia Computer Science</i> , 2022, 201, 134-141.	2.0	1
3	Introducing the eqasim pipeline: From raw data to agent-based transport simulation. <i>Procedia Computer Science</i> , 2021, 184, 712-719.	2.0	11
4	Pre-calibration of a Discrete Choice Model and Evaluation of Cycling Mobility for Île-de-France. <i>Procedia Computer Science</i> , 2021, 184, 172-177.	2.0	0
5	Integrating discrete choice models with MATSim scoring. <i>Procedia Computer Science</i> , 2021, 184, 704-711.	2.0	6
6	Simulation of price, customer behaviour and system impact for a cost-covering automated taxi system in Zurich. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 123, 102974.	7.6	47
7	Simulation-Based Assessment of Parking Constraints for Automated Mobility on Demand: A Case Study of Zurich. <i>Vehicles</i> , 2021, 3, 272-286.	3.1	2
8	Synthetic population and travel demand for Paris and Île-de-France based on open and publicly available data. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 130, 103291.	7.6	54
9	An efficient approach to create agent-based transport simulation scenarios based on ubiquitous Big Data and a new, aspatial activity-scheduling model. <i>Transportation Research Procedia</i> , 2021, 52, 613-620.	1.5	12
10	An open data-driven approach for travel demand synthesis: an application to São Paulo. <i>Regional Studies, Regional Science</i> , 2021, 8, 371-386.	1.2	7
11	Open synthetic travel demand for Paris and Île-de-France: Inputs and output data. <i>Data in Brief</i> , 2021, 39, 107622.	1.0	9
12	The Impact of Fleet Coordination on Taxi Operations. <i>Journal of Advanced Transportation</i> , 2021, 2021, 1-14.	1.7	2
13	Fleet Sizing for Pooled (Automated) Vehicle Fleets. <i>Transportation Research Record</i> , 2020, 2674, 168-176.	1.9	11
14	Designing a large-scale public transport network using agent-based microsimulation. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 137, 1-15.	4.2	18
15	An improved replanning strategy for congested traffic conditions in MATSim. <i>Procedia Computer Science</i> , 2020, 170, 779-784.	2.0	4
16	Dynamic demand estimation for an AMoD system in Paris. , 2019, , .		21
17	Fleet operational policies for automated mobility: A simulation assessment for Zurich. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 102, 20-31.	7.6	101
18	The Prospects of on-demand Urban Air Mobility in Zurich, Switzerland. , 2019, , .		28

#	ARTICLE	IF	CITATIONS
19	A first look at bridging discrete choice modeling and agent-based microsimulation in MATSim. <i>Procedia Computer Science</i> , 2018, 130, 900-907.	2.0	36
20	AMoDeus, a Simulation-Based Testbed for Autonomous Mobility-on-Demand Systems. , 2018, , .		37
21	Agent-based simulation of autonomous taxi services with dynamic demand responses. <i>Procedia Computer Science</i> , 2017, 109, 899-904.	2.0	77
22	Towards a Testbed for Dynamic Vehicle Routing Algorithms. <i>Communications in Computer and Information Science</i> , 2017, , 69-79.	0.5	23
23	Relaxationâ€“discretization algorithm for spatially constrained secondary location assignment. <i>Transportmetrica A: Transport Science</i> , 0, , 1-20.	2.0	4