Michal Maciejewski

List of Publications by Citations

21 papers	590 citations	14 h-index	22 g-index
22 ext. papers	712 ext. citations	1.7 avg, IF	4.75 L-index

#	Paper	IF	Citations
21	Simulation of City-wide Replacement of Private Cars with Autonomous Taxis in Berlin. *Procedia Computer Science*, **2016**, 83, 237-244	1.6	158
20	An Assignment-Based Approach to Efficient Real-Time City-Scale Taxi Dispatching. *IEEE Intelligent Systems*, **2016**, 31, 68-77	4.2	75
19	Autonomous Taxicabs in Berlin – A Spatiotemporal Analysis of Service Performance. *Transportation Research Procedia*, **2016**, 19, 176-186	2.4	48
18	City-wide shared taxis: A simulation study in Berlin **2017**,		43
17	Agent-based Simulation of Electric Taxicab Fleets. *Transportation Research Procedia*, **2014**, 4, 191-198	2.4	37
16	Large-scale Microscopic Simulation of Taxi Services. *Procedia Computer Science*, **2015**, 52, 358-364	1.6	36
15	CONGESTION EFFECTS OF AUTONOMOUS TAXI FLEETS. *Transport*, **2018**, 33, 971-980	1.4	32
14	Dynamic Transport Services **2016**, 145-152		29
13	Analysis of Berlinˆs taxi services by exploring GPS traces **2015**,		20
12	Large-scale microscopic simulation of taxi services. Berlin and Barcelona case studies. *Journal of Ambient Intelligence and Humanized Computing*, **2016**, 7, 385-393	3.7	18
11	Autonomous Vehicles and their Impact on Parking Search. *IEEE Intelligent Transportation Systems Magazine*, **2019**, 11, 19-27	2.6	18
10	Simulation-based optimization of service areas for pooled ride-hailing operators. *Procedia Computer Science*, **2018**, 130, 816-823	1.6	17
9	Towards a Testbed for Dynamic Vehicle Routing Algorithms. *Communications in Computer and Information Science*, **2017**, 69-79	0.3	15
8	Towards Multi-Agent Simulation of the Dynamic Vehicle Routing Problem in MATSim. *Lecture Notes in Computer Science*, **2012**, 551-560	0.9	14
7	Heuristic Approach to Fleet Composition Problem. *Procedia, Social and Behavioral Sciences*, **2012**, 54, 414-427		10
6	Proactive empty vehicle rebalancing for Demand Responsive Transport services. *Procedia Computer Science*, **2020**, 170, 739-744	1.6	9
5	Impacts of vehicle fleet electrification in Sweden – a simulation-based assessment of long-distance trips **2019**,		5

List of Publications

4	Electric Taxis in Berlin – Analysis of the Feasibility of a Large-Scale Transition. *Communications in Computer and Information Science*, **2015**, 343-351	0.3	3
3	The Influence of Multi-agent Cooperation on the Efficiency of Taxi Dispatching. *Lecture Notes in Computer Science*, **2014**, 751-760	0.9	2
2	Current and Future Dynamic Passenger Transport Services – Modeling, Simulation, and Optimization in a Sustainable Transport System **2019**, 337-360		1
1	Simulation of On-Demand Vehicles that Serve both Person and Freight Transport. *Procedia Computer Science*, **2022**, 201, 398-405	1.6	0