

# Guilhem Mariotte

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3275912/publications.pdf>

Version: 2024-02-01

10  
papers

354  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macroscopic urban dynamics: Analytical and numerical comparisons of existing models. Transportation Research Part B: Methodological, 2017, 101, 245-267.	5.9	110
2	Dynamic macroscopic simulation of on-street parking search: A trip-based approach. Transportation Research Part B: Methodological, 2017, 101, 268-282.	5.9	72
3	Flow exchanges in multi-reservoir systems with spillbacks. Transportation Research Part B: Methodological, 2019, 122, 327-349.	5.9	52
4	Calibration and validation of multi-reservoir MFD models: A case study in Lyon. Transportation Research Part B: Methodological, 2020, 136, 62-86.	5.9	46
5	Perimeter gating control and citywide dynamic user equilibrium: A macroscopic modeling framework. Transportation Research Part C: Emerging Technologies, 2020, 111, 22-49.	7.6	43
6	Minimizing network-wide emissions by optimal routing through inner-city gating. Transportation Research, Part D: Transport and Environment, 2020, 86, 102411.	6.8	12
7	Assessing traveler compliance with the social optimum: A stated preference study. Travel Behaviour & Society, 2021, 23, 177-191.	5.0	7
8	Heterogeneous perimeter flow distributions and MFD-based traffic simulation. Transportmetrica B, 2019, 7, 1378-1401.	2.3	5
9	Dynamics of Flow Merging and Diverging in MFD-Based Systems: Validation vs. Microsimulation. Frontiers in Future Transportation, 2020, 1, .	1.8	5
10	Nonlinear Model Predictive Control to Reduce Network-Wide Traffic Emission. IFAC-PapersOnLine, 2019, 52, 19-24.	0.9	2