

Michael J Cassidy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6393075/publications.pdf>

Version: 2024-02-01

32
papers

1,943
citations

393982

19
h-index

454577

30
g-index

32
all docs

32
docs citations

32
times ranked

953
citing authors

#	ARTICLE	IF	CITATIONS
1	Planning skip-stop transit service under heterogeneous demands. <i>Transportation Research Part B: Methodological</i> , 2021, 150, 503-523.	2.8	10
2	Synergies of combining demand- and supply-side measures to manage congested streets. <i>Transportation Research, Part A: Policy and Practice</i> , 2021, 151, 172-179.	2.0	2
3	City-wide traffic control: Modeling impacts of cordon queues. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 113, 164-175.	3.9	28
4	Optimal design of transit networks fed by shared bikes. <i>Transportation Research Part B: Methodological</i> , 2020, 131, 63-83.	2.8	43
5	Region-wide congestion prediction and control using deep learning. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 116, 102624.	3.9	14
6	City-wide traffic control: modeling impacts of cordon queues. <i>Transportation Research Procedia</i> , 2019, 38, 284-298.	0.8	4
7	Cordon control with spatially-varying metering rates: A Reinforcement Learning approach. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 98, 358-369.	3.9	14
8	Scheduling lane conversions for bus use on city-wide scales and in time-varying congested traffic. <i>Transportation Research Part C: Emerging Technologies</i> , 2018, 95, 248-260.	3.9	7
9	A low-cost alternative for higher capacities at four-way signalized intersections. <i>Transportation Research Part C: Emerging Technologies</i> , 2016, 72, 157-167.	3.9	8
10	Exploring alternative service schemes for busy transit corridors. <i>Transportation Research Part B: Methodological</i> , 2016, 93, 126-145.	2.8	35
11	Optimal transit service atop ring-radial and grid street networks: A continuum approximation design method and comparisons. <i>Transportation Research Part B: Methodological</i> , 2015, 81, 755-774.	2.8	58
12	Strategies for sharing bottleneck capacity among buses and cars. <i>Transportation Research Part B: Methodological</i> , 2012, 46, 1334-1345.	2.8	69
13	Dual influences on vehicle speed in special-use lanes and critique of US regulation. <i>Transportation Research, Part A: Policy and Practice</i> , 2012, 46, 1108-1123.	2.0	9
14	A capacity-increasing mechanism in freeway traffic. <i>Transportation Research Part B: Methodological</i> , 2012, 46, 1260-1272.	2.8	22
15	Presignal Used to Increase Bus- and Car-Carrying Capacity at Intersections. <i>Transportation Research Record</i> , 2012, 2315, 191-196.	1.0	21
16	Lane changing patterns of bane and benefit: Observations of an uphill expressway. <i>Transportation Research Part B: Methodological</i> , 2011, 45, 656-666.	2.8	64
17	Increasing the capacity of signalized intersections with separate left turn phases. <i>Transportation Research Part B: Methodological</i> , 2011, 45, 769-781.	2.8	137
18	Effects of Merging and Diverging on Freeway Traffic Oscillations. <i>Transportation Research Record</i> , 2010, 2188, 1-8.	1.0	32

#	ARTICLE	IF	CITATIONS
19	The smoothing effect of carpool lanes on freeway bottlenecks. Transportation Research, Part A: Policy and Practice, 2010, 44, 65-75.	2.0	17
20	Spatiotemporal Effects of Segregating Different Vehicle Classes on Separate Lanes. , 2009, , 57-74.		19
21	Effects of high occupancy vehicle lanes on freeway congestion. Transportation Research Part B: Methodological, 2008, 42, 861-872.	2.8	59
22	Relation between traffic density and capacity drop at three freeway bottlenecks. Transportation Research Part B: Methodological, 2007, 41, 82-95.	2.8	194
23	A generalized and efficient algorithm for estimating transit route ODs from passenger counts. Transportation Research Part B: Methodological, 2007, 41, 114-125.	2.8	33
24	Impacts of Lane Changes at Merge Bottlenecks: A Theory and Strategies to Maximize Capacity. , 2007, , 577-586.		21
25	Increasing the capacity of an isolated merge by metering its on-ramp. Transportation Research Part B: Methodological, 2005, 39, 896-913.	2.8	276
26	Test of Theory of Driver Behavior on Homogeneous Freeways. Transportation Research Record, 2004, 1883, 14-20.	1.0	18
27	Freeway On-Ramp Metering, Delay Savings, and Diverge Bottleneck. Transportation Research Record, 2003, 1856, 1-5.	1.0	23
28	Study of freeway traffic near an off-ramp. Transportation Research, Part A: Policy and Practice, 2002, 36, 563-572.	2.0	41
29	Some observed queue discharge features at a freeway bottleneck downstream of a merge. Transportation Research, Part A: Policy and Practice, 2002, 36, 683-697.	2.0	21
30	Some observed details of freeway traffic evolution. Transportation Research, Part A: Policy and Practice, 2001, 35, 881-894.	2.0	36
31	Some traffic features at freeway bottlenecks. Transportation Research Part B: Methodological, 1999, 33, 25-42.	2.8	421
32	Bivariate relations in nearly stationary highway traffic. Transportation Research Part B: Methodological, 1998, 32, 49-59.	2.8	187