Increasing Signalized Intersection Capacity with Unconventional Approach Lanes

Citation Report

#	ARTICLE	IF	CITATIONS
1	Increasing the capacity of signalized intersections by allocating exit lanes to turning movements. Journal of Advanced Transportation, 2016, 50, 2239-2265.	0.9	6
2	Mixed‐Integer Linear Programming on Work‐Rest Schedule Design for Construction Sites in Hot Weather. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 429-439.	6.3	20
3	A Cell‐Based Distributed‐Coordinated Approach for Network‐Level Signal Timing Optimization. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 599-616.	6.3	43
4	Analysis of saturation flow rate at tandem intersections using field data. IET Intelligent Transport Systems, 2018, 12, 394-403.	1.7	18
5	Design of Signal Timing Plan for Urban Signalized Networks including Left Turn Prohibition. Journal of Advanced Transportation, 2018, 2018, 1-16.	0.9	3
6	An extended car-following model at un-signalized intersections under V2V communication environment. PLoS ONE, 2018, 13, e0192787.	1.1	13
7	Improving the Operational Efficiency of Buses With Dynamic Use of Exclusive Bus Lane at Isolated Intersections. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 642-653.	4.7	32
8	Analysis of alternative treatments for left turn bicycles at tandem intersections. Transportation Research, Part A: Policy and Practice, 2019, 126, 314-328.	2.0	5
9	Unbalanced Multiple Left Turn Lane Usage Modelling: From Individual Choice to Aggregate Volume. Journal of Advanced Transportation, 2019, 2019, 1-13.	0.9	0
10	A geometric design method for intersections with pre-signal systems using a phase swap sorting strategy. PLoS ONE, 2019, 14, e0217741.	1.1	4
11	Gap acceptance probability model for pedestrians at unsignalized mid-block crosswalks based on logistic regression. Accident Analysis and Prevention, 2019, 129, 76-83.	3.0	48
12	An innovative design for left turn bicycles at continuous flow intersections. Transportmetrica B, 2019, 7, 1305-1322.	1.4	8
13	Impact of Guideline Markings on Saturation Flow Rate at Signalized Intersections. Journal of Advanced Transportation, 2019, 2019, 1-13.	0.9	7
14	Traffic parameters estimation for signalized intersections based on combined shockwave analysis and Bayesian Network. Transportation Research Part C: Emerging Technologies, 2019, 104, 22-37.	3.9	26
15	Control Method for Signalized Intersection with Integrated Waiting Area. Applied Sciences (Switzerland), 2019, 9, 968.	1.3	9
16	Pedestrian Delay Model for Continuous Flow Intersections under Three Design Patterns. Mathematical Problems in Engineering, 2019, 2019, 1-12.	0.6	1
17	Effect of lane allocation on operational efficiency at weaving areas based on a cellular automaton model. IET Intelligent Transport Systems, 2019, 13, 851-859.	1.7	11
18	Saturation Flow Models of Exit Lanes for Left-Turn Intersections. Journal of Transportation Engineering Part A: Systems, 2019, 145, .	0.8	19

#	Article	IF	Citations
19	Exit lane allocation with the lane-based signal optimization method at isolated intersections. Canadian Journal of Civil Engineering, 2020, 47, 1345-1358.	0.7	0
20	Modelling the saturation flow rate for continuous flow intersections based on field collected data. PLoS ONE, 2020, 15, e0236922.	1.1	5
21	Improved Traffic Flow Efficiency During Yellow Interval at Signalized Intersections Using a Smart Countdown System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1959-1968.	4.7	6
22	A Platoon-Based Adaptive Signal Control Method with Connected Vehicle Technology. Computational Intelligence and Neuroscience, 2020, 2020, 1-10.	1.1	8
23	An Analysis of the Interactions between Adjustment Factors of Saturation Flow Rates at Signalized Intersections. Sustainability, 2020, 12, 665.	1.6	10
24	Robust Signal Control of Exit Lanes for Left-Turn Intersections With the Consideration of Traffic Fluctuation. IEEE Access, 2020, 8, 42071-42081.	2.6	11
25	An Alternative Design for the Intersections With Limited Traffic Lanes and Queuing Space. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1473-1483.	4.7	11
26	Evaluation and Analysis of CFI Schemes with Different Length of Displaced Left-Turn Lanes with Entropy Method. Sustainability, 2021, 13, 6917.	1.6	7
27	Modelling the operation of vehicles at signalised intersections with special width approach lane based on field data. IET Intelligent Transport Systems, 2020, 14, 1565-1572.	1.7	5
28	Signal Timing Optimization of an Isolated Intersection Considering the Allocation of Exit Lanes. SSRN Electronic Journal, 0, , .	0.4	0
29	Collaborative control of traffic signal and variable guiding lane for isolated intersection under connected and automated vehicle environment. Computer-Aided Civil and Infrastructure Engineering, 2022, 37, 2052-2069.	6.3	28
30	Use of an Improved Car-Following Model to Explain the Influence of Traffic Composition on Saturation Headway at Signalized Intersections. Journal of Advanced Transportation, 2022, 2022, 1-20.	0.9	0
31	A population-based incremental learning algorithm to identify optimal location of left-turn restrictions in urban grid networks. Transportmetrica B, 0, , 1-20.	1.4	2
32	Saturation flow rate analysis for special width approach lanes: An empirical study in Karlsruhe, Germany. PLoS ONE, 2022, 17, e0272503.	1.1	0
33	Evaluating Pedestrian Service of the New Super Diverging Diamond Interchange on Three Case Study Sites in Denver, Colorado. Sustainability, 2022, 14, 16929.	1.6	1