

# Hatem Abou-Senna

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6644455/publications.pdf>

Version: 2024-02-01

20  
papers

288  
citations

1478505

6  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using a traffic simulation model (VISSIM) with an emissions model (MOVES) to predict emissions from vehicles on a limited-access highway. Journal of the Air and Waste Management Association, 2013, 63, 819-831.	1.9	93
2	VISSIM/MOVES integration to investigate the effect of major key parameters on CO2 emissions. Transportation Research, Part D: Transport and Environment, 2013, 21, 39-46.	6.8	57
3	Assessing the impact of converting roundabouts to traffic signals on vehicle emissions along an urban arterial corridor in Qatar. Journal of the Air and Waste Management Association, 2019, 69, 178-191.	1.9	34
4	Determination if VISSIM and SSAM could estimate pedestrian-vehicle conflicts at signalized intersections. Journal of Transportation Safety and Security, 2018, 10, 572-585.	1.6	33
5	The Implications of Converting a High-Volume Multilane Roundabout into a Turbo Roundabout. Journal of Advanced Transportation, 2020, 2020, 1-12.	1.7	23
6	Integrating transportation systems management and operations into the project life cycle from planning to construction: A synthesis of best practices. Journal of Traffic and Transportation Engineering (English Edition), 2018, 5, 44-55.	4.2	9
7	Interactive Decision Support System for Predicting Flashing Yellow Arrow Left-Turn Mode by Time of Day. Transportation Research Record, 2014, 2463, 16-25.	1.9	6
8	Developing a Microscopic Transportation Emissions Model to Estimate Carbon Dioxide Emissions on Limited-Access Highways. Transportation Research Record, 2014, 2428, 44-53.	1.9	6
9	Investigating the correlation between sidewalks and pedestrian safety. Accident Analysis and Prevention, 2022, 166, 106548.	5.7	6
10	Congestion pricing strategies to investigate the potential of route diversion on toll facilities using en-route guidance. Journal of Traffic and Transportation Engineering (English Edition), 2016, 3, 59-70.	4.2	4
11	Sustainable Design of Diverging Diamond Interchange: Development of Warrants for Improving Operational Performance. Sustainability, 2020, 12, 5840.	3.2	3
12	Performance Evaluation of Basic Turbo Roundabouts as an Alternative to Conventional Double-Lane Roundabouts. Transportation Research Record, 2021, 2675, 180-193.	1.9	3
13	Effect of Changing a Traffic Control Device Color on Driver Behavior and Perception across Different Age Groups. Transportation Research Record, 2021, 2675, 228-240.	1.9	3
14	A peer-to-peer logic environment to validate flashing yellow arrow decision support system. Journal of Traffic and Transportation Engineering (English Edition), 2021, 8, 735-750.	4.2	2
15	Mobility-as-a-Service: Simulation of Multi-Modal Operations in Low-Density Cities. Transportation Research Record, 2022, 2676, 235-246.	1.9	2
16	Aging drivers and post delineated express lanes: Threading the needle at 70 miles per hour. Transportation Research Part F: Traffic Psychology and Behaviour, 2020, 74, 396-407.	3.7	2
17	A Smart-Left Decision Support System for Flashing Yellow Arrow Traffic Signals. Sustainable Civil Infrastructures, 2021, , 295-315.	0.2	1
18	Categorical principal component analysis (CATPCA) of pedestrian crashes in Central Florida. Journal of Transportation Safety and Security, 0, , 1-23.	1.6	1

#	ARTICLE	IF	CITATIONS
19	Developing Efficiency Attributes for Right-Turn Flashing Yellow Arrow on Impeding through and Opposing Left Phases Using a Multinomial Logit Model. Journal of Transportation Engineering Part A: Systems, 2021, 147, 04021075.	1.4	0
20	Developing Warrants for Designing Continuous Flow Intersection. Advances in Civil Engineering, 2022, 2022, 1-10.	0.7	0