Irena IÅ¡toka OtkoviÄ‡

List of Publications by Year
in descending order

29	246	1039880	996849
papers	citations	9	15
		h-index	g-index

30	30	30	198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Child-Pedestrian Traffic Safety at Crosswalks—Literature Review. Sustainability, 2022, 14, 1142.	1.6	10
2	Impact Of Social and Technological Distraction on Pedestrian Crossing Behaviour: A Case Study in Enna, Sicily. Transportation Research Procedia, 2022, 60, 100-107.	0.8	11
3	Pedestrian safety at roundabouts: a comparison of the behavior in Italy and Slovenia. Transportation Research Procedia, 2022, 60, 528-535.	0.8	2
4	An Eye-Tracking Study on the Effect of Different Signalized Intersection Typologies on Pedestrian Performance. Sustainability, 2022, 14, 2112.	1.6	4
5	Comparative Analyses of Parameters Influencing Children Pedestrian Behavior in Conflict Zones of Urban Intersections. Safety, 2021, 7, 5.	0.9	11
6	Safety Analysis of Young Pedestrian Behavior at Signalized Intersections: An Eye-Tracking Study. Sustainability, 2021, 13, 4419.	1.6	12
7	Combining Traffic Microsimulation Modeling and Multi-Criteria Analysis for Sustainable Spatial-Traffic Planning. Land, 2021, 10, 666.	1.2	6
8	Analysis of Children's Traffic Behaviour at Signalized Crosswalks as a Precondition for Safe Children Routes Design: A Case Study from Croatia. Journal of Advanced Transportation, 2021, 2021, 1-14.	0.9	3
9	Pedestrian safety at roundabouts: Their crossing and glance behavior in the interaction with vehicular traffic. Accident Analysis and Prevention, 2021, 159, 106290.	3.0	17
10	Development of Models for Children—Pedestrian Crossing Speed at Signalized Crosswalks. Sustainability, 2021, 13, 777.	1.6	19
11	Neural Networks Applied to Microsimulation: A Prediction Model for Pedestrian Crossing Time. Sustainability, 2020, 12, 5355.	1.6	11
12	Validation of the calibration methodology of the micro-simulation traffic model. Transportation Research Procedia, 2020, 45, 684-691.	0.8	10
13	A Model to Predict Children's Reaction Time at Signalized Intersections. Safety, 2020, 6, 22.	0.9	9
14	Electromagnetic wave attenuation by plane concrete in the frequency range of 4G and 5G systems. , 2020, , .		3
15	Modern Roundabouts: A Challenge of the Future. Journal of Advanced Transportation, 2019, 2019, 1-2.	0.9	4
16	Optimization of the Urban Highway Acceleration Lane Length Using Traffic Simulations. Journal of Maritime & Transportation Science, 2019, 57, 143-160.	0.2	0
17	Application of microsimulation in analysis of the traffic load of the bridge. , 2018, , .		0
18	Route Reliability Based Simulation Model for HMA Delivery in Urban Areas. Procedia Engineering, 2017, 187, 378-386.	1.2	2

#	Article	IF	Citations
19	Validation of neural network model for predicting airtightness of residential and non-residential units in Poland. Energy and Buildings, 2016, 133, 423-432.	3.1	7
20	Validation of a Model for Predicting Airtightness of Residential Units. Energy Procedia, 2015, 78, 1525-1530.	1.8	10
21	USING A MICROSIMULATION TRAFFIC MODEL TO COMPARE TWO-LANE AND TURBO-ROUNDABOUTS. E-GFOS, 2015, , 71-80.	0.2	3
22	ANALYSIS OF NEURAL NETWORK RESPONSES IN CALIBRATION OF MICROSIMULATION TRAFFIC MODEL. E-GFOS, 2015, 6, 67-76.	0.2	3
23	EXPERIMENTAL DESIGN APPLIED TO MODELING OF THE AIR-TIGHTNESS OF A BUILDING. E-GFOS, 2015, 6, 41-46.	0.2	0
24	Application of neural networks in predicting airtightness of residential units. Energy and Buildings, 2014, 84, 160-168.	3.1	27
25	Calibration of microsimulation traffic model using neural network approach. Expert Systems With Applications, 2013, 40, 5965-5974.	4.4	53
26	Comparison of Delays at Signal-controlled Intersection and Roundabout. Promet - Traffic - Traffico, 2009, 21, 157-165.	0.3	5
27	COMPARISON OF DIFFERENT HELIPORT SOLUTIONS FOR THE CLINICAL HOSPITAL CENTER IN OSIJEK. E-GFOS, 0, , 58-67.	0.2	1
28	ZAKONSKI OKVIRI I PLANIRANJE GOSPODARENJA CESTAMA. E-GFOS, 0, , .	0.2	0
29	Three-Step Performance Assessment of a Pedestrian Crossing Time Prediction Model. Transactions on Transport Sciences, 0, , .	0.2	1