

Seyed Mohsen Hosseinian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6862360/publications.pdf>

Version: 2024-02-01

20
papers

204
citations

1039406

9
h-index

1058022

14
g-index

21
all docs

21
docs citations

21
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction and pareto-based multi-objective optimization of moisture and fatigue damages of asphalt mixtures modified with nano hydrated lime. <i>Construction and Building Materials</i> , 2020, 261, 120509.	3.2	23
2	Experimental investigation and multi-objective optimization of fracture properties of asphalt mixtures containing nano-calcium carbonate. <i>Construction and Building Materials</i> , 2021, 285, 122876.	3.2	21
3	Data-Driven Urban Traffic Accident Analysis and Prediction Using Logit and Machine Learning-Based Pattern Recognition Models. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-11.	0.6	20
4	Investigation of Moisture Sensitivity and Conductivity Properties of Inductive Asphalt Mixtures Containing Steel Wool Fiber. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-9.	0.4	19
5	The Effect of Aggregate-Forming Minerals on Thermodynamic Parameters Using Surface Free Energy Concept and Its Relationship with the Moisture Susceptibility of Asphalt Mixtures. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-15.	0.4	17
6	Statistical analysis and accident prediction models leading to pedestrian injuries and deaths on rural roads in Iran. <i>International Journal of Injury Control and Safety Promotion</i> , 2020, 27, 493-509.	1.0	17
7	Investigation of the Impact of Deicer Materials on Thermodynamic Parameters and Its Relationship with Moisture Susceptibility in Modified Asphalt Mixtures by Carbon Nanotube. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 4489-4502.	1.7	11
8	Improving the Moisture Sensitivity of Asphalt Mixtures by Simultaneous Modification of Asphalt Binder and Aggregates with Carbon Nanofiber and Carbon Nanotube. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-11.	0.4	11
9	Investigation of the Effect of Crumb Rubber Powder and Warm Additives on Moisture Resistance of SMA Mixtures. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-12.	0.4	11
10	Presentation of a New Deicer with the Least Moisture and Fatigue Failures in Asphalt Mixtures. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 10457-10471.	1.7	9
11	Presentation of Predictive Models for Two-objective Optimization of Moisture and Fatigue Damages Caused by Deicers in Asphalt Mixtures. <i>Journal of Testing and Evaluation</i> , 2021, 49, 4437-4458.	0.4	8
12	Presentation of Analytical Methods for Better Decision Making about the Most Important Factor Influencing Rural Accidents. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-16.	0.6	7
13	Statistical Analysis for Study of the Effect of Dark Clothing Color of Female Pedestrians on the Severity of Accident Using Machine Learning Methods. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-21.	0.6	7
14	A Review of Railway Track Laboratory Tests with Various Scales for Better Decision-Making about More Efficient Apparatus Using TOPSIS Analysis. <i>Advances in Civil Engineering</i> , 2022, 2022, 1-30.	0.4	5
15	Pedestrians Crossing and Walking Speeds Analysis in Urban Areas under the Influence of Rain and Personality Characteristics. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-13.	0.6	4
16	Location of Emergency Escape Ramps on Two-Lane Rural Highways Based on the Fuzzy Multicriteria Decision-Making Method. <i>Journal of Engineering (United States)</i> , 2022, 2022, 1-20.	0.5	3
17	Presentation of regression analysis, GP and GMDH models to predict the pedestrian density in various urban facilities. <i>Frontiers of Structural and Civil Engineering</i> , 2022, 16, 250-265.	1.2	3
18	Evaluation of the Application of Maximum Radius in Horizontal Curves Using Vehicle Dynamic Simulation. <i>Advances in Civil Engineering</i> , 2022, 2022, 1-19.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Analysis of the Effect of the Speed Factor on Highway Safety Using the Machine Learning Method. Slovak Journal of Civil Engineering, 2021, 29, 19-28.	0.2	3
20	Investigation of Bus Special Lane Performance Using Statistical Analysis and Optimization of the Signalized Intersection Delay by Machine Learning Methods. Journal of Optimization, 2022, 2022, 1-24.	6.0	2