

Mohamed Elshaer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

184
citations

1307594

7
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial neural network prediction model for in situ resilient modulus of subgrade soils for pavement design applications. Innovative Infrastructure Solutions, 2022, 7, 1.	2.2	6
2	Laboratory Evaluation of Electrically Conductive Asphalt Mixtures for Snow and Ice Removal Applications. Transportation Research Record, 2021, 2675, 48-62.	1.9	7
3	Assessing the Impact of Geosynthetic Interlayers on Laboratory Cracking and Delamination of Hot-Mix Asphalt Mixtures. Transportation Research Record, 2021, 2675, 148-160.	1.9	4
4	Evaluating the impact of fiber type and dosage rate on laboratory performance of Fiber-Reinforced asphalt mixtures. Construction and Building Materials, 2021, 310, 125217.	7.2	23
5	The role of predictive models for resilient modulus of unbound materials in pavement FWD-deflection assessment. Road Materials and Pavement Design, 2020, 21, 374-392.	4.0	13
6	Use of Long Term Pavement Performance-Seasonal Monitoring Program Data to Develop and Validate a Generalized Regression Model to Predict the In-Situ Resilient Modulus of Subgrade Soils for Pavement Design and Evaluation. Transportation Research Record, 2020, 2674, 673-684.	1.9	2
7	Assessment of the Impact of Fiber Types on the Performance of Fiber-Reinforced Hot Mix Asphalt. Transportation Research Record, 2020, 2674, 337-347.	1.9	22
8	Impact of subsurface water on structural performance of inundated flexible pavements. International Journal of Pavement Engineering, 2019, 20, 947-957.	4.4	24
9	Methodology to evaluate performance of pavement structure using soil moisture profile. Road Materials and Pavement Design, 2018, 19, 952-971.	4.0	23
10	Impact of pavement layer properties on the structural performance of inundated flexible pavements. Transportation Geotechnics, 2018, 16, 11-20.	4.5	16
11	Assessing the Effects of Rising Groundwater from Sea Level Rise on the Service Life of Pavements in Coastal Road Infrastructure. Transportation Research Record, 2017, 2639, 1-10.	1.9	42
12	Performance Evaluation and Characterization of Extracted Recycled Asphalt Binder With Rejuvenators. Transportation Research Record, 0, , 036119812210970.	1.9	2