

Ayman Ali

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

121
citations

1478505

6
h-index

1281871

11
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all docs

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docs citations

14
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Thermally and Mechanically Balanced Structural Design of Insulated Pavements for Cold Region Applications. Journal of Transportation Engineering Part B: Pavements, 2022, 148, .	1.5	1
2	Field Assessment of Cold In-Place Recycled Asphalt Mixtures Using Accelerated Pavement Testing. Journal of Transportation Engineering Part B: Pavements, 2022, 148, .	1.5	2
3	Evaluating the potential of using foamed concrete as the insulation layer for pavements in cold regions. Construction and Building Materials, 2022, 341, 127903.	7.2	14
4	Laboratory Evaluation of Electrically Conductive Asphalt Mixtures for Snow and Ice Removal Applications. Transportation Research Record, 2021, 2675, 48-62.	1.9	7
5	Economic and Environmental Cost Analysis of Cold In-Place Recycling. Journal of Materials in Civil Engineering, 2021, 33, .	2.9	12
6	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
7	Insulated Pavement Analysis Based on a Thermo-Hydro-Mechanical (THM) Coupled Finite Element Model. , 2021, , .		0
8	Developing specifications for precast concrete highway pavements. International Journal of Pavement Engineering, 2020, , 1-9.	4.4	0
9	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
10	Environmental impacts of reclaimed asphalt pavement on leaching of metals into groundwater. Transportation Research, Part D: Transport and Environment, 2020, 85, 102415.	6.8	16
11	Effect of rejuvenator types and mixing procedures on volumetric properties of asphalt mixtures with 50% RAP. Construction and Building Materials, 2019, 218, 457-464.	7.2	29
12	A Balanced Mix Design Method for Selecting the Optimum Binder Content of Cold In-Place Recycling Asphalt Mixtures. Transportation Research Record, 2019, 2673, 526-539.	1.9	17
13	Evaluating the impact of different types of stabilised bases on the overall performance of flexible pavements. International Journal of Pavement Engineering, 2019, 20, 938-946.	4.4	15
14	Performance Evaluation and Characterization of Extracted Recycled Asphalt Binder With Rejuvenators. Transportation Research Record, 0, , 036119812210970.	1.9	2