

Murugaiyah Piratheepan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

172
citations

1477746

6
h-index

1125271

13
g-index

18
all docs

18
docs citations

18
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	A critical review of high polymer-modified asphalt binders and mixtures. International Journal of Pavement Engineering, 2020, 21, 686-702.	2.2	69
2	Evaluation of selected warm mix asphalt technologies. Road Materials and Pavement Design, 2015, 16, 475-486.	2.0	29
3	Reflective cracking relief interlayer for asphalt pavement rehabilitation: from development to demonstration. Road Materials and Pavement Design, 2017, 18, 30-57.	2.0	13
4	Impact of high polymer modification on reflective cracking performance life of asphalt concrete overlays. International Journal of Pavement Research and Technology, 2020, 13, 510-523.	1.3	11
5	Impact of lime on the mechanical and mechanistic performance of hot mixed asphalt mixtures. Road Materials and Pavement Design, 2015, 16, 421-444.	2.0	10
6	Postmortem evaluation of accelerated rate of raveling of in-service asphalt pavements in arid climatic conditions-case of Kuwait. Case Studies in Construction Materials, 2021, 14, e00533.	0.8	8
7	Quantifying the Influence of Geosynthetics on Pavement Performance. , 2017, , .		7
8	Cold In-Place Recycling in Nevada. Transportation Research Record, 2014, 2456, 146-160.	1.0	5
9	Mechanistic-based verification of a structural layer coefficient for high polymer-modified asphalt mixtures. Road Materials and Pavement Design, 2021, 22, 2721-2747.	2.0	5
10	Field Performance and Economic Analysis of Rehabilitated Pavement Sections with Engineered Stress Relief Course Interlayers. Transportation Research Record, 2019, 2673, 351-364.	1.0	3
11	Investigation of the Rheological and Bonding Characteristics of Crumb Rubber-Modified Asphalt Binders Mixed with Warm Mix Asphalt Additive and Antistrip Agent. International Journal of Pavement Research and Technology, 2022, 15, 509-524.	1.3	3
12	Ruggedness Evaluation and Precision Estimates for Newly Developed Test Methods for Asphalt-Treated Cold Recycled Pavements. Transportation Research Record, 2021, 2675, 348-358.	1.0	3
13	Local agency transition to balanced mix design. International Journal of Pavement Engineering, 2022, 23, 4792-4802.	2.2	3
14	Evaluation of Cracking Resistance of Tire Rubber-Modified Asphalt Mixtures. Journal of Transportation Engineering Part B: Pavements, 2021, 147, 04021019.	0.8	2
15	Method to estimate design resilient modulus (Mr) of unbound materials for rehabilitation in M ² E design. Construction and Building Materials, 2021, 267, 120887.	3.2	1
16	Performance Evaluation of a Polymer Binder Stabilized Aggregate Mixture: A Pilot Study. , 2017, , .		0
17	Structural Contribution of Cold In-Place Recycling Base Layer. CivilEng, 2021, 2, 736-746.	0.8	0