

Murugaiyah Piratheepan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

113
citations

6
h-index

10
g-index

18
ext. papers

133
ext. citations

2.3
avg, IF

3.06
L-index

#	Paper	IF	Citations
17	Full-Scale Pavement Testing of a High Polymer Modified Asphalt Concrete Mixture. <i>RILEM Bookseries</i> , 2022 , 959-966	0.5	
16	Postmortem evaluation of accelerated rate of raveling of in-service asphalt pavements in arid climatic conditions-case of Kuwait. <i>Case Studies in Construction Materials</i> , 2021 , 14, e00533	2.7	4
15	Method to estimate design resilient modulus (Mr) of unbound materials for rehabilitation in ME design. <i>Construction and Building Materials</i> , 2021 , 267, 120887	6.7	0
14	Evaluation of Cracking Resistance of Tire Rubber Modified Asphalt Mixtures. <i>Journal of Transportation Engineering Part B: Pavements</i> , 2021 , 147, 04021019	1.4	1
13	Structural Contribution of Cold In-Place Recycling Base Layer. <i>CivilEng</i> , 2021 , 2, 736-746	1.7	
12	Impact of high polymer modification on reflective cracking performance life of asphalt concrete overlays. <i>International Journal of Pavement Research and Technology</i> , 2020 , 13, 510-523	2	6
11	Mechanistic-based verification of a structural layer coefficient for high polymer-modified asphalt mixtures. <i>Road Materials and Pavement Design</i> , 2020 , 1-27	2.6	4
10	A critical review of high polymer-modified asphalt binders and mixtures. <i>International Journal of Pavement Engineering</i> , 2020 , 21, 686-702	2.6	42
9	Field Performance and Economic Analysis of Rehabilitated Pavement Sections with Engineered Stress Relief Course Interlayers. <i>Transportation Research Record</i> , 2019 , 2673, 351-364	1.7	3
8	Reflective cracking relief interlayer for asphalt pavement rehabilitation: from development to demonstration. <i>Road Materials and Pavement Design</i> , 2017 , 18, 30-57	2.6	7
7	Quantifying the Influence of Geosynthetics on Pavement Performance 2017 ,		6
6	Evaluation of selected warm mix asphalt technologies. <i>Road Materials and Pavement Design</i> , 2015 , 16, 475-486	2.6	23
5	Impact of lime on the mechanical and mechanistic performance of hot mixed asphalt mixtures. <i>Road Materials and Pavement Design</i> , 2015 , 16, 421-444	2.6	8
4	Cold In-Place Recycling in Nevada: Field Performance Evaluation over the Past Decade. <i>Transportation Research Record</i> , 2014 , 2456, 146-160	1.7	5
3	Investigation of the Rheological and Bonding Characteristics of Crumb Rubber-Modified Asphalt Binders Mixed with Warm Mix Asphalt Additive and Antistrip Agent. <i>International Journal of Pavement Research and Technology</i> ,1	2	1
2	Ruggedness Evaluation and Precision Estimates for Newly Developed Test Methods for Asphalt-Treated Cold Recycled Pavements. <i>Transportation Research Record</i> ,036119812110171	1.7	1
1	Local agency transition to balanced mix design. <i>International Journal of Pavement Engineering</i> ,1-11	2.6	2

