Imran Hafeez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1504705/publications.pdf

Version: 2024-02-01

36 papers	552 citations	567281 15 h-index	677142 22 g-index
36 all docs	36 docs citations	36 times ranked	410 citing authors

#	Article	IF	Citations
1	Sustainable use of waste plastic modifiers to strengthen the adhesion properties of asphalt mixtures. Construction and Building Materials, 2020, 235, 117496.	7.2	65
2	Performance Evaluation of Crumb Rubber-Modified Asphalt Mixtures Based on Laboratory and Field Investigations. Arabian Journal for Science and Engineering, 2018, 43, 1795-1806.	3.0	44
3	Performance Characterization of Hot In-Place Recycled Asphalt Mixtures. Journal of Transportation Engineering, 2014, 140, .	0.9	36
4	Use of agricultural waste ashes in asphalt binder and mixture: A sustainable solution to waste management. Construction and Building Materials, 2020, 259, 120575.	7.2	34
5	Statistical evaluation of factors affecting the laboratory rutting susceptibility of asphalt mixtures. International Journal of Pavement Engineering, 2019, 20, 402-416.	4.4	33
6	Laboratory fatigue performance evaluation of different field laid asphalt mixtures. Construction and Building Materials, 2013, 44, 792-797.	7.2	32
7	Modelling asphalt pavement analyzer rut depth using different statistical techniques. Road Materials and Pavement Design, 2020, 21, 117-142.	4.0	31
8	Creep Compliance: A Parameter to Predict Rut Performance of Asphalt Binders and Mixtures. Arabian Journal for Science and Engineering, 2014, 39, 5971-5978.	1.1	27
9	Influence of Single- and Two-Stage Aggregate Manufacturing Mechanisms on Asphalt Mixture Performance. Journal of Materials in Civil Engineering, 2016, 28, .	2.9	23
10	A pure case study on moisture sensitivity assessment using tests on both loose and compacted asphalt mixture. Construction and Building Materials, 2020, 239, 117817.	7.2	21
11	Rutting Evaluation of Asphalt Mixtures Using Static, Dynamic, and Repeated Creep Load Tests. Arabian Journal for Science and Engineering, 2018, 43, 5143-5155.	3.0	19
12	Evaluation and modelling of permanent deformation behaviour of asphalt mixtures using dynamic creep test in uniaxial mode. International Journal of Pavement Engineering, 2019, 20, 1026-1043.	4.4	18
13	An experimental study to select aggregate gradation for stone mastic asphalt. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2015, 38, 1-8.	1.1	17
14	Influence of Cereclor on the performance of aged asphalt binder. International Journal of Pavement Engineering, 2020, 21, 1309-1320.	4.4	17
15	Revisiting the relationship of dynamic and resilient modulus test for asphaltic concrete mixtures. Construction and Building Materials, 2018, 170, 698-707.	7.2	16
16	â€œA step toward smart city and green transportation: Eco-friendly waste PET management to enhance adhesion properties of asphalt mixtureâ€• Construction and Building Materials, 2021, 304, 124702.	7.2	12
17	A Laboratory-Based Research Study to Investigate the Aggregate Packing Characteristics and Its Influence on Asphaltic MixtureÊ¼s Performance. Arabian Journal for Science and Engineering, 2015, 40, 3119-3134.	1.1	10
18	Assessment of sugar cane bagasse bio-oil as an environmental friendly alternative for pavement engineering applications. International Journal of Pavement Engineering, 2022, 23, 2761-2772.	4.4	10

#	Article	IF	Citations
19	Estimating the Asphalt Binder Film Thickness Using Scanning Electron Microscope and Energy Dispersive X-Ray Spectroscopy. Advances in Materials Science and Engineering, 2021, 2021, 1-16.	1.8	10
20	Effect of Cereclor as Rejuvenator to Enhance the Aging Resistance of Reclaimed Asphalt Pavement Binder. Materials, 2020, 13, 1582.	2.9	9
21	Study the Effect of Substitution Filler on performance of Asphalt Mixture. Civil Engineering Journal (Iran), 2020, 6, 1704-1714.	3.9	8
22	An Experimental-Based Approach to Predict Asphalt Mixtures Permanent Deformation Behavior. Arabian Journal for Science and Engineering, 2014, 39, 8681-8690.	1.1	7
23	Comparing and correlating various laboratory rutting performance tests. International Journal of Pavement Engineering, 2019, 20, 1239-1249.	4.4	7
24	Predicting the laboratory rutting response of asphalt mixtures using different neural network algorithms. International Journal of Pavement Engineering, 2022, 23, 1948-1956.	4.4	7
25	Investigating the creep response of asphalt mixtures under waveform loading. Road Materials and Pavement Design, 2018, 19, 819-836.	4.0	6
26	Assessing the aging tendency of asphalt binder using a thermal cycler. International Journal of Pavement Engineering, 2022, 23, 2503-2514.	4.4	6
27	Shape Characterizing of Aggregates Produced through Different Crushing Techniques. Coatings, 2021, 11, 1199.	2.6	6
28	Influence of phosphorous methyl compound on asphalt binder. International Journal of Pavement Engineering, 2021, 22, 1867-1881.	4.4	5
29	Accidents black spots on highways and their low cost remedial measures. WIT Transactions on the Built Environment, 2008, , .	0.0	5
30	Assessing rutting potential of stone mastic asphalt using wheel tracker and dynamic modulus testing. Baltic Journal of Road and Bridge Engineering, 2014, 9, 325-332.	0.8	3
31	Permeability of Asphalt Mixtures with Bailey and Conventional Aggregate Gradations. Arabian Journal for Science and Engineering, 2021, 46, 10869.	3.0	2
32	Evaluating the Effect of Plastomer Modified Asphalt Mixture on High/Low Temperature Performance. Mehran University Research Journal of Engineering and Technology, 2021, 40, 680-691.	0.6	2
33	Effect of binder modification and thermal conditioning on asphalt binder rheology. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2021, 44, 119-127.	1.1	2
34	Developing Non- Linear Relationship Among Factors Affecting the Rutting Susceptibility of Asphalt Mixtures Using Two Parameter Weibull Distribution. IOP Conference Series: Materials Science and Engineering, 2020, 899, 012017.	0.6	1
35	A rheological comparison of hard grade binders with polymer modified bitumen under aged and unaged conditions. , 2009, , .		1
36	Experimental development of clay liners for waste containment in arid and semi arid regions. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2018, 41, 687-696.	1.1	0