

Syed Bilal Ahmed Zaidi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

232
citations

1040056

9
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of image analysis tools in Matlab to better estimate the degree of binder coverage in rolling bottles test. Road Materials and Pavement Design, 2022, 23, 601-616.	4.0	5
2	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
3	Performance evaluation of Nano wood ashes in asphalt binder and mixture. International Journal of Pavement Engineering, 2022, 23, 3318-3332.	4.4	4
4	Moisture susceptibility assessment of hydrated lime modified asphalt mixture and surface energy. International Journal of Pavement Engineering, 2022, 23, 599-611.	4.4	4
5	Effect of hydrated lime and other mineral fillers on stiffening and oxidative ageing in bitumen mastic. Construction and Building Materials, 2022, 315, 125789.	7.2	10
6	Influence of phosphorous methyl compound on asphalt binder. International Journal of Pavement Engineering, 2021, 22, 1867-1881.	4.4	5
7	Application of a novel linear-viscous approach to predict permanent deformation in simulative inverted pavements. Construction and Building Materials, 2021, 267, 120681.	7.2	5
8	Moisture susceptibility of hydrated lime modified mastics using adhesion test methods and surface free energy techniques. International Journal of Pavement Engineering, 2021, 22, 829-841.	4.4	13
9	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
10	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
11	Influence of Natural Zeolite and Paraffin Wax on Adhesion Strength Between Bitumen and Aggregate. Civil Engineering Journal (Iran), 2020, 6, 733-742.	3.9	10
12	Study the Effect of Substitution Filler on performance of Asphalt Mixture. Civil Engineering Journal (Iran), 2020, 6, 1704-1714.	3.9	8
13	Performance Evaluation of Bone Glue-Modified Asphalt. Advances in Materials Science and Engineering, 2019, 2019, 1-13.	1.8	15
14	Experimental Investigation into the Structural and Functional Performance of Graphene Nano-Platelet (GNP)-Doped Asphalt. Applied Sciences (Switzerland), 2019, 9, 686.	2.5	30
15	Carbon Nanotubes (CNTs) in Asphalt Binder: Homogeneous Dispersion and Performance Enhancement. Applied Sciences (Switzerland), 2018, 8, 2651.	2.5	35
16	Performance Evaluation of Carbon Black Nano-Particle Reinforced Asphalt Mixture. Applied Sciences (Switzerland), 2018, 8, 1114.	2.5	23