

Nithin Sudarsanan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

228
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation on the interface bond strength of geosynthetic-reinforced asphalt concrete using Leutner shear test. Construction and Building Materials, 2018, 186, 423-437.	7.2	44
2	Improving expansive clay subgrades using recycled glass: Resilient modulus characteristics and pavement performance. Construction and Building Materials, 2021, 302, 124384.	7.2	41
3	State-of-the Art Summary of Geosynthetic Interlayer Systems for Retarding the Reflective Cracking. Indian Geotechnical Journal, 2015, 45, 472-487.	1.4	25
4	Stress-strain response analysis of demolition wastes as aggregate base course of pavements. Transportation Geotechnics, 2021, 30, 100599.	4.5	22
5	Use of Natural Geotextiles to Retard Reflection Cracking in Highway Pavements. Journal of Materials in Civil Engineering, 2018, 30, .	2.9	20
6	Assessment of load distribution mechanism in geocell reinforced foundation beds using Digital Imaging Correlation Techniques. Transportation Geotechnics, 2021, 31, 100664.	4.5	18
7	Investigations on fracture characteristics of geosynthetic reinforced asphalt concrete beams using single edge notch beam tests. Geotextiles and Geomembranes, 2019, 47, 642-652.	4.6	14
8	Investigation into fatigue life of interface bond between asphalt concrete layers. International Journal of Pavement Engineering, 2022, 23, 3371-3385.	4.4	14
9	Digital Image Correlation Technique for Measurement of Surface Strains in Reinforced Asphalt Concrete Beams under Fatigue Loading. Journal of Materials in Civil Engineering, 2019, 31, .	2.9	10
10	Fatigue Performance of Geosynthetic-Reinforced Asphalt Concrete Beams. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	10
11	Application of time-temperature superposition principle to pull-off tensile strength of asphalt tack coats. Construction and Building Materials, 2020, 262, 120798.	7.2	7
12	Critical review on the bond strength of geosynthetic interlayer systems in asphalt overlays. Japanese Geotechnical Society Special Publication, 2016, 2, 2296-2301.	0.2	3