

Yang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

322
citations

1307594

7
h-index

940533

16
g-index

31
all docs

31
docs citations

31
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Intelligent Compaction Quality Evaluation Index and Uniformity. Journal of Transportation Engineering Part B: Pavements, 2022, 148, .	1.5	12
2	A state-of-the-art review of asphalt pavement surface texture and its measurement techniques. , 2022, 2, 156-180.		37
3	Pavement curling and warping analysis using wavelet techniques. International Journal of Pavement Engineering, 2021, 22, 1833-1848.	4.4	4
4	Seasonal Performance Evaluation of Pavement Base Using Recycled Materials. Sustainability, 2021, 13, 12714.	3.2	2
5	Effect of Concrete Grinding Residue on Roadside Soil Properties. , 2020, , .		1
6	In Situ Evaluation of Using Lignosulfonate for Subgrade Stabilization. , 2020, , .		4
7	Evaluation of bio-based fog seal for low-volume road preservation. International Journal of Pavement Research and Technology, 2020, 13, 303-312.	2.6	6
8	Investigation of Longitudinal Cracking in Widened Concrete Pavements. Baltic Journal of Road and Bridge Engineering, 2020, 15, 211-231.	0.8	9
9	Effects of concrete grinding residue (CGR) on selected sandy loam properties. Journal of Cleaner Production, 2019, 240, 118057.	9.3	6
10	Numerical analysis of longitudinal cracking in widened jointed plain concrete pavement systems. International Journal of Pavement Research and Technology, 2019, 12, 277-287.	2.6	5
11	Laboratory Evaluation of Silty Soils Stabilized with Lignosulfonate. , 2019, , .		8
12	Freeze-thaw performance of cement and fly ash stabilized loess. Transportation Geotechnics, 2019, 21, 100279.	4.5	56
13	Design, Construction, and Preliminary Investigations of Otta Seal in Iowa. Transportation Research Record, 2019, 2673, 821-833.	1.9	4
14	Closure to "Investigating Frost Heave Deterioration at Pavement Joint Locations" by Yang Zhang, David J. White, Pavana K. R. Vennapusa, Alex E. Johnson, and Maxim M. Prokudin. Journal of Performance of Constructed Facilities, 2019, 33, 07018007.	2.0	0
15	Concrete Grinding Residue: Management Practices and Reuse for Soil Stabilization. Transportation Research Record, 2019, 2673, 748-763.	1.9	6
16	Deterministic and stochastic life-cycle cost analysis for Otta seal surface treatment on low volume roads. International Journal of Pavement Research and Technology, 2019, 12, 101-109.	2.6	5
17	Economics of upgrading gravel roads to Otta seal surface. Applied Economics, 2019, 51, 4820-4832.	2.2	3
18	Closure to "Seasonal Frost Penetration in Pavements with Multiple Layers" by Yang Zhang, Robert Horton, David J. White, and Pavana K. R. Vennapusa. Journal of Cold Regions Engineering - ASCE, 2019, 33, 07019002.	1.1	0

#	ARTICLE	IF	CITATIONS
19	The Influence of Concrete Grinding Residue on Soil Physical Properties and Plant Growth. Journal of Environmental Quality, 2019, 48, 1842-1848.	2.0	6
20	Assessment of Support Conditions of Concrete Pavement Using FWD Deflection Basin Data. Journal of Testing and Evaluation, 2019, 47, 2451-2463.	0.7	2
21	Assessment Of Designed And Measured Mechanistic Parameters Of Concrete Pavement Foundation. Baltic Journal of Road and Bridge Engineering, 2019, 14, 37-57.	0.8	2
22	Seasonal Frost Penetration in Pavements with Multiple Layers. Journal of Cold Regions Engineering - ASCE, 2018, 32, 05018002.	1.1	3
23	Investigating Frost Heave Deterioration at Pavement Joint Locations. Journal of Performance of Constructed Facilities, 2018, 32, .	2.0	4
24	Seasonal variations and in situ assessment of concrete pavement foundation mechanistic properties. International Journal of Pavement Research and Technology, 2018, 11, 363-373.	2.6	11
25	Otta Seal Construction for Asphalt Pavement Resurfacing. , 2018, , .		2
26	Assessment of soils stabilized with lignin-based byproducts. Transportation Geotechnics, 2018, 17, 122-132.	4.5	31
27	Comparison of Pavement Slab Stabilization Using Cementitious Grout and Injected Polyurethane Foam. Journal of Performance of Constructed Facilities, 2016, 30, .	2.0	27
28	Laboratory freeze-thaw assessment of cement, fly ash, and fiber stabilized pavement foundation materials. Cold Regions Science and Technology, 2016, 122, 50-57.	3.5	64
29	Performance Comparison of Recycled Pavement Foundation Layers. Transportation Research Record, 2015, 2509, 29-39.	1.9	1
30	Accuracy assessment of light detection and ranging system measurements for jointed concrete pavement surface geometry. Road Materials and Pavement Design, 0, , 1-17.	4.0	0