

# 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	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
2	Freeze-thaw performance of cement and fly ash stabilized loess. Transportation Geotechnics, 2019, 21, 100279.	4.5	56
3	A state-of-the-art review of asphalt pavement surface texture and its measurement techniques. , 2022, 2, 156-180.		37
4	Assessment of soils stabilized with lignin-based byproducts. Transportation Geotechnics, 2018, 17, 122-132.	4.5	31
5	Comparison of Pavement Slab Stabilization Using Cementitious Grout and Injected Polyurethane Foam. Journal of Performance of Constructed Facilities, 2016, 30, .	2.0	27
6	Assessment of Intelligent Compaction Quality Evaluation Index and Uniformity. Journal of Transportation Engineering Part B: Pavements, 2022, 148, .	1.5	12
7	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
8	Investigation of Longitudinal Cracking in Widened Concrete Pavements. Baltic Journal of Road and Bridge Engineering, 2020, 15, 211-231.	0.8	9
9	Laboratory Evaluation of Silty Soils Stabilized with Lignosulfonate. , 2019, , .		8
10	Effects of concrete grinding residue (CGR) on selected sandy loam properties. Journal of Cleaner Production, 2019, 240, 118057.	9.3	6
11	Concrete Grinding Residue: Management Practices and Reuse for Soil Stabilization. Transportation Research Record, 2019, 2673, 748-763.	1.9	6
12	The Influence of Concrete Grinding Residue on Soil Physical Properties and Plant Growth. Journal of Environmental Quality, 2019, 48, 1842-1848.	2.0	6
13	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
14	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
15	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
16	Investigating Frost Heave Deterioration at Pavement Joint Locations. Journal of Performance of Constructed Facilities, 2018, 32, .	2.0	4
17	Design, Construction, and Preliminary Investigations of Otta Seal in Iowa. Transportation Research Record, 2019, 2673, 821-833.	1.9	4
18	In Situ Evaluation of Using Lignosulfonate for Subgrade Stabilization. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
19	Pavement curling and warping analysis using wavelet techniques. International Journal of Pavement Engineering, 2021, 22, 1833-1848.	4.4	4
20	Seasonal Frost Penetration in Pavements with Multiple Layers. Journal of Cold Regions Engineering - ASCE, 2018, 32, 05018002.	1.1	3
21	Economics of upgrading gravel roads to Otta seal surface. Applied Economics, 2019, 51, 4820-4832.	2.2	3
22	Otta Seal Construction for Asphalt Pavement Resurfacing. , 2018, , .		2
23	Assessment of Support Conditions of Concrete Pavement Using FWD Deflection Basin Data. Journal of Testing and Evaluation, 2019, 47, 2451-2463.	0.7	2
24	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
25	Seasonal Performance Evaluation of Pavement Base Using Recycled Materials. Sustainability, 2021, 13, 12714.	3.2	2
26	Performance Comparison of Recycled Pavement Foundation Layers. Transportation Research Record, 2015, 2509, 29-39.	1.9	1
27	Effect of Concrete Grinding Residue on Roadside Soil Properties. , 2020, , .		1
28	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
29	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
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