

# Yong Yi

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

154  
citations

1163117

8  
h-index

1199594

12  
g-index

22  
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22  
docs citations

22  
times ranked

50  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Super Road Heat-Reflective Coating and Its Field Application. <i>Coatings</i> , 2019, 9, 802.	2.6	24
2	Mechanical properties of vertical vibration compacted lime-fly ash-stabilized macadam material. <i>Construction and Building Materials</i> , 2020, 251, 119089.	7.2	19
3	Mechanical properties and influencing factors of vertical-vibration compacted unbound graded aggregate materials. <i>Transportation Geotechnics</i> , 2021, 28, 100538.	4.5	15
4	Mechanical-strength-growth law and predictive model for ultra-large size cement-stabilized macadam based on the vertical vibration compaction method. <i>Construction and Building Materials</i> , 2022, 324, 126691.	7.2	13
5	Development and Application of Skid Resistance Fog Seal for Pavements. <i>Coatings</i> , 2020, 10, 867.	2.6	9
6	Comparison of Mechanical Properties of Cement-Stabilized Loess Produced Using Different Compaction Methods. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-20.	1.8	9
7	Laboratory investigation on the heat dissipation regularity and road performance of different pavement structure combinations by double-layer paving. <i>Construction and Building Materials</i> , 2021, 284, 122785.	7.2	9
8	Investigation on cement-improved phyllite based on the vertical vibration compaction method. <i>PLoS ONE</i> , 2021, 16, e0247599.	2.5	8
9	Durability of a heat-reflective coating on an asphalt pavement. <i>Road Materials and Pavement Design</i> , 2022, 23, 2651-2668.	4.0	7
10	Laboratory Evaluation of a Vertical Vibration Testing Method for an SMA-13 Mixture. <i>Materials</i> , 2020, 13, 4409.	2.9	6
11	Cement-Modified Loess Base for Intercity Railways: Mechanical Strength and Influencing Factors Based on the Vertical Vibration Compaction Method. <i>Materials</i> , 2020, 13, 3643.	2.9	6
12	Development and Performance Evaluation of a High-Permeability and High-Bonding Fog-Sealing Adhesive Material. <i>Materials</i> , 2021, 14, 3599.	2.9	6
13	Investigation on triaxial numerical test method and dilatancy behavior of asphalt mixture. <i>Construction and Building Materials</i> , 2022, 316, 125815.	7.2	5
14	Effects of Cement Content, Curing Period, Gradation, and Compaction Degree on Mechanical Behavior of Cement-Stabilized Crushed Gravel Produced via Vertical Vibration Test Method. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-13.	0.7	3
15	Numerical investigation of the plastic deformation behaviour of graded crushed stone. <i>PLoS ONE</i> , 2021, 16, e0258113.	2.5	3
16	Laboratory fatigue performance of the cement-stabilised loess fabricated using different compaction methods. <i>Road Materials and Pavement Design</i> , 2023, 24, 501-519.	4.0	3
17	High-Temperature Rutting Resistance of Inverted Asphalt Pavement Structure. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-10.	0.7	2
18	Water Infiltration and Water Stability of Compacted Loess Roadbeds Based on Vibration Compaction. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 4987.	3.0	2

#	ARTICLE	IF	CITATIONS
19	Research on Mechanical Properties and Influencing Factors of Cement-Graded Crushed Stone Using Vertical Vibration Compaction. <i>Materials</i> , 2022, 15, 2132.	2.9	2
20	Development of the Fog Seal Layer Characterized by Durability in Terms of Skid Resistance. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-18.	1.8	1
21	Strong interlocking skeleton gradation design and performance evaluation of cement-stabilised crushed gravel via vertical vibration test method. <i>International Journal of Pavement Engineering</i> , 2023, 24, .	4.4	1
22	Attenuation pattern of skid resistance of heat reflective coatings under the effect of simulated pavement abrasion. <i>International Journal of Pavement Engineering</i> , 2023, 24, .	4.4	1