

Tengfei Nian

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

290
citations

1163117

8
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved three-dimensional discrete modeling method and anti-cracking properties of asphalt mixture. <i>Construction and Building Materials</i> , 2022, 321, 126405.	7.2	11
2	Pavement Properties and Predictive Durability Analysis of Asphalt Mixtures. <i>Polymers</i> , 2022, 14, 803.	4.5	4
3	Analysis of primary influencing factors and indices distribution law of rutting performance of asphalt mixtures. <i>Case Studies in Construction Materials</i> , 2022, 16, e01053.	1.7	4
4	Indices relation and statistical probability analysis of physical and mechanical performance of asphalt mixtures. <i>Case Studies in Construction Materials</i> , 2022, 16, e01091.	1.7	0
5	Improved discrete element numerical simulation and experiment on low-temperature anti-cracking performance of asphalt mixture based on PFC2D. <i>Construction and Building Materials</i> , 2021, 283, 122792.	7.2	26
6	An overview of studies on the hazards, component analysis and suppression of fumes in asphalt and asphalt mixtures. <i>Construction and Building Materials</i> , 2021, 289, 123185.	7.2	24
7	Asphalt Fume Generation-Enrichment Device Development and Fume Production Estimation Model. <i>Advances in Civil Engineering Materials</i> , 2021, 10, 453-467.	0.6	1
8	Durability of organic coated reinforced magnesium oxychloride cement concrete. <i>Structural Concrete</i> , 2020, , .	3.1	6
9	Analysis of factors that influence anti-rutting performance of asphalt pavement. <i>Construction and Building Materials</i> , 2020, 254, 119237.	7.2	44
10	Influence of Multiple Factors on the Shear Fatigue Resistance of Asphalt Pavement Interlayer Adhesive Materials. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	11
11	Anti-erosion performance of asphalt pavement with a sub-base of cement-treated mixtures. <i>Construction and Building Materials</i> , 2019, 223, 278-287.	7.2	5
12	Evaluation of asphalt and asphalt mixtures' water stability method under multiple freeze-thaw cycles. <i>Construction and Building Materials</i> , 2019, 228, 117089.	7.2	48
13	Performance Evaluation and Modification Mechanism Analysis of the Synthesized Rubber Asphalt. <i>Advances in Civil Engineering Materials</i> , 2019, 8, 497-510.	0.6	2
14	Connections between chemical composition and rheology of aged base asphalt binders during repeated freeze-thaw cycles. <i>Construction and Building Materials</i> , 2018, 159, 338-350.	7.2	59
15	The effect of freeze-thaw cycles on durability properties of SBS-modified bitumen. <i>Construction and Building Materials</i> , 2018, 187, 77-88.	7.2	44