

# Tengfei Nian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2592946/publications.pdf>

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	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
2	Evaluation of asphalt and asphalt mixturesâ€™ water stability method under multiple freeze-thaw cycles. <i>Construction and Building Materials</i> , 2019, 228, 117089.	7.2	48
3	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
4	Analysis of factors that influence anti-rutting performance of asphalt pavement. <i>Construction and Building Materials</i> , 2020, 254, 119237.	7.2	44
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	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
8	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
9	Durability of organic coated reinforced magnesium oxychloride cement concrete. <i>Structural Concrete</i> , 2020, , .	3.1	6
10	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
11	Pavement Properties and Predictive Durability Analysis of Asphalt Mixtures. <i>Polymers</i> , 2022, 14, 803.	4.5	4
12	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
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	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
15	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