

# Yueqin Hou

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

357  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of Surface Micro-Mechanical Properties of Various Asphalt Binders Using AFM. <i>Materials</i> , 2022, 15, 4358.	2.9	5
2	Characterization of surface mechanical properties of various aggregates from micro scale using AFM. <i>Construction and Building Materials</i> , 2021, 286, 122847.	7.2	8
3	Surface microscopic properties of various aggregates using laser scanning confocal microscope. <i>Construction and Building Materials</i> , 2021, 290, 123222.	7.2	15
4	Laboratory Evaluation of Asphalt Mixture Performance Using Composite Admixtures of Lignin and Glass Fibers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 364.	2.5	18
5	Application of numerical simulation method to improve shear strength and rutting resistance of asphalt mixture. <i>International Journal of Pavement Engineering</i> , 2020, 21, 112-121.	4.4	29
6	Multi scale investigation on the failure mechanism of adhesion between asphalt and aggregate caused by aging. <i>Construction and Building Materials</i> , 2020, 265, 120361.	7.2	26
7	Study on the multiscale adhesive properties between asphalt and aggregate. <i>Construction and Building Materials</i> , 2020, 249, 118693.	7.2	37
8	Study of surface microscopic properties of asphalt based on atomic force microscopy. <i>Construction and Building Materials</i> , 2020, 242, 118025.	7.2	37
9	Detecting concealed damage in asphalt pavement based on a composite lead zirconate titanate/polyvinylidene fluoride aggregate. <i>Structural Control and Health Monitoring</i> , 2019, 26, e2452.	4.0	7
10	Fabrication and performance of a self-powered damage-detection aggregate for asphalt pavement. <i>Materials and Design</i> , 2019, 179, 107890.	7.0	17
11	Attenuation of acoustic wave excited by piezoelectric aggregate in asphalt pavement and its application to monitor concealed cracks. <i>Construction and Building Materials</i> , 2019, 216, 58-67.	7.2	23
12	Comparison on properties of cement-stabilised gravel prepared by different laboratory compaction methods. <i>Road Materials and Pavement Design</i> , 2019, 20, 991-1003.	4.0	25
13	Mechanical properties and strength criteria of cement-stabilised recycled concrete aggregate. <i>International Journal of Pavement Engineering</i> , 2019, 20, 339-348.	4.4	34
14	Adhesion between Asphalt and Recycled Concrete Aggregate and Its Impact on the Properties of Asphalt Mixture. <i>Materials</i> , 2018, 11, 2528.	2.9	28
15	Laboratory investigations of activated recycled concrete aggregate for asphalt treated base. <i>Construction and Building Materials</i> , 2014, 65, 535-542.	7.2	48