Yueqin Hou

List of Publications by Year
in descending order

		759233	996975
15	357	12	15
papers	citations	h-index	g-index

15	15	15	279
all docs	docs citations	times ranked	citing authors

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