Xiaoning Zhang

List of Publications by Year
in descending order

16 papers	210 citations	1163117 8 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	203 citing authors

#	Article	IF	Citations
1	Use of NDT systems to investigate pavement reconstruction needs and improve maintenance treatment decision-making. International Journal of Pavement Engineering, 2023, 24, .	4.4	8
2	Research on Three-Dimensional Morphological Characteristics Evaluation Method and Processing Quality of Coarse Aggregate. Buildings, 2022, 12, 293.	3.1	9
3	Optimal Design of Mix Proportion of Hot-Mix Epoxy Asphalt Mixture for Steel Bridge Decks and Its Anti-Slip Performance. Buildings, 2022, 12, 437.	3.1	9
4	Assessing Surface Texture Features of Asphalt Pavement Based on Three-Dimensional Laser Scanning Technology. Buildings, 2021, 11, 623.	3.1	21
5	Effects of Aging on the Multiscale Properties of SBS-Modified Asphalt. Arabian Journal for Science and Engineering, 2019, 44, 4349-4358.	3.0	20
6	Microstructural Modeling of Rheological Mechanical Response for Asphalt Mixture Using an Image-Based Finite Element Approach. Materials, 2019, 12, 2041.	2.9	12
7	Study on the microstructure and properties of hot-mix epoxy asphalt. International Journal of Pavement Research and Technology, 2019, 12, 147-153.	2.6	11
8	Investigation on Microstructural Damage Properties of Asphalt Mixture Using Linear and Damage-Coupled Viscoelastic Model. Applied Sciences (Switzerland), 2019, 9, 303.	2.5	3
9	A Numerical Implementation of the Three-Dimensional Viscoelastic Model for Asphalt Mastic. International Journal of Civil Engineering, 2018, 16, 543-551.	2.0	5
10	Effect of Aging on Chemical and Rheological Properties of Bitumen. Polymers, 2018, 10, 1345.	4.5	68
11	Evaluating RLWT Rutting Test of Asphalt Mixtures Based on Industrial Computerized Tomography. Advances in Materials Science and Engineering, 2018, 2018, 1-8.	1.8	2
12	Assessing Moisture Sensitivity of Rubberized Warm Mix Asphalt Mixtures Using the Surface Free Energy Method and Dynamic Water Pressure Tester. Journal of Testing and Evaluation, 2018, 46, 580-592.	0.7	9
13	An Image-Based Finite Element Approach for Simulating Viscoelastic Response of Asphalt Mixture. Advances in Materials Science and Engineering, 2016, 2016, 1-11.	1.8	14
14	Viscoelastic Model of Asphalt Mixtures under Repeated Load. Journal of Materials in Civil Engineering, 2015, 27, .	2.9	9
15	Development of asphalt pavement fatigue cracking prediction model based on loading mode transfer function. Road Materials and Pavement Design, 2012, 13, 501-517.	4.0	8
16	Modification of four-point bending test control system and development of laboratory asphalt mix fatigue prediction model. , 2011, , .		2