

Xiaoning Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/423907/publications.pdf>

Version: 2024-02-01

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