

mulian Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

631
citations

687363

13
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610901

24
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all docs

27
docs citations

27
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Current status and development of terminal blend tyre rubber modified asphalt. <i>Construction and Building Materials</i> , 2016, 128, 399-409.	7.2	103
2	Performance of polyurethane modified asphalt and its mixtures. <i>Construction and Building Materials</i> , 2018, 191, 386-397.	7.2	102
3	Effect of nano silica and pretreated rubber on the properties of terminal blend crumb rubber modified asphalt. <i>Construction and Building Materials</i> , 2017, 157, 277-291.	7.2	65
4	Evaluation of long-term performance of anti-icing asphalt pavement. <i>Construction and Building Materials</i> , 2015, 84, 277-283.	7.2	53
5	Multi-objective optimization for pavement maintenance and rehabilitation decision-making: A critical review and future directions. <i>Automation in Construction</i> , 2021, 130, 103840.	9.8	50
6	Performance of Polyurethane Mixtures with Skeleton-Interlocking Structure. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	30
7	Performance evaluation of waterborne epoxy resin-SBR composite modified emulsified asphalt fog seal. <i>Construction and Building Materials</i> , 2021, 301, 124106.	7.2	27
8	Salt-dissolved regularity of the self-ice-melting pavement under rainfall. <i>Construction and Building Materials</i> , 2019, 204, 371-383.	7.2	22
9	Laboratory evaluation of long-term anti-icing performance and moisture susceptibility of chloride-based asphalt mixture. <i>International Journal of Pavement Research and Technology</i> , 2016, 9, 140-148.	2.6	19
10	Performance evaluation of waterborne epoxy resin-SBR compound modified emulsified asphalt micro-surfacing. <i>Construction and Building Materials</i> , 2021, 295, 123588.	7.2	19
11	Fatigue character comparison between high modulus asphalt concrete and matrix asphalt concrete. <i>Construction and Building Materials</i> , 2019, 206, 655-664.	7.2	16
12	Comprehensive Life Cycle Environmental Assessment of Preventive Maintenance Techniques for Asphalt Pavement. <i>Sustainability</i> , 2021, 13, 4887.	3.2	16
13	Study on the viscoelastic behaviour of the modified asphalt containing multi-walled carbon nanotubes (MWCNTs) and crumb rubber (CR). <i>Construction and Building Materials</i> , 2021, 311, 125244.	7.2	16
14	Preparation and performance of oxidized crumb rubber (OCR)/nano-SiO ₂ composite-modified asphalt. <i>Construction and Building Materials</i> , 2021, 279, 122488.	7.2	15
15	Evaluation of a Cold-Mixed High-Performance Polyurethane Mixture. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-12.	1.8	14
16	Fatigue Life Prediction of High Modulus Asphalt Concrete Based on the Local Stress-Strain Method. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 305.	2.5	13
17	Analytical solutions for buckling of size-dependent Timoshenko beams. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2019, 40, 953-976.	3.6	12
18	Simulation of surface runoff control effect by permeable pavement. <i>Water Science and Technology</i> , 2021, 83, 948-960.	2.5	12

#	ARTICLE	IF	CITATIONS
19	Laboratory Performance Evaluation of High Modulus Asphalt Concrete Modified with Different Additives. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-14.	1.8	11
20	Dynamic response analysis of road-bridge transition section without slab. <i>International Journal of Pavement Research and Technology</i> , 2017, 10, 526-535.	2.6	6
21	Research on the Reduction Performance of Surface Runoff Pollution Through Permeable Pavement with Different Structures. <i>Water, Air, and Soil Pollution</i> , 2022, 233, 1.	2.4	4
22	Conventional, Thermal, and Rheological Properties of Asphalt Binder Modified by Carbon Nanotubes and Crumb Rubber. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	3
23	Multiobjective Optimization Model to Coordinate between Segment and Network Level for Managing Pavement and Sustainability. <i>Journal of Transportation Engineering Part B: Pavements</i> , 2022, 148, .	1.5	2
24	Mechanical Analysis of Vehicle Bumping at Bridge Approach without Slab. <i>DEStech Transactions on Engineering and Technology Research</i> , 2017, , .	0.0	1
25	Comparison and Analysis of the Performances and Mechanisms of Recycled Asphalt Incorporating High-Permeability Rejuvenating Agent. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-16.	0.7	0
26	Studying Bump at Bridge Approach of Short Subgrade with Oblique Prestressed Concrete Overlaying Asphalt Layer. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-14.	1.8	0
27	Durability of a Newly Developed Powder Geopolymer Grouting Material. , 2021, , .		0