

mulian Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

631
citations

687363

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610901

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docs citations

27
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Comprehensive Life Cycle Environmental Assessment of Preventive Maintenance Techniques for Asphalt Pavement. <i>Sustainability</i> , 2021, 13, 4887.	3.2	16
5	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
6	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
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	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
9	Simulation of surface runoff control effect by permeable pavement. <i>Water Science and Technology</i> , 2021, 83, 948-960.	2.5	12
10	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
11	Durability of a Newly Developed Powder Geopolymer Grouting Material. , 2021, , .		0
12	Performance of Polyurethane Mixtures with Skeleton-Interlocking Structure. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	30
13	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
14	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
15	Analytical solutions for buckling of size-dependent Timoshenko beams. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2019, 40, 953-976.	3.6	12
16	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
17	Salt-dissolved regularity of the self-ice-melting pavement under rainfall. <i>Construction and Building Materials</i> , 2019, 204, 371-383.	7.2	22
18	Evaluation of a Cold-Mixed High-Performance Polyurethane Mixture. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-12.	1.8	14

#	ARTICLE	IF	CITATIONS
19	Performance of polyurethane modified asphalt and its mixtures. Construction and Building Materials, 2018, 191, 386-397.	7.2	102
20	Dynamic response analysis of road-bridge transition section without slab. International Journal of Pavement Research and Technology, 2017, 10, 526-535.	2.6	6
21	Effect of nano silica and pretreated rubber on the properties of terminal blend crumb rubber modified asphalt. Construction and Building Materials, 2017, 157, 277-291.	7.2	65
22	Fatigue Life Prediction of High Modulus Asphalt Concrete Based on the Local Stress-Strain Method. Applied Sciences (Switzerland), 2017, 7, 305.	2.5	13
23	Laboratory Performance Evaluation of High Modulus Asphalt Concrete Modified with Different Additives. Advances in Materials Science and Engineering, 2017, 2017, 1-14.	1.8	11
24	Mechanical Analysis of Vehicle Bumping at Bridge Approach without Slab. DEStech Transactions on Engineering and Technology Research, 2017, , .	0.0	1
25	Laboratory evaluation of long-term anti-icing performance and moisture susceptibility of chloride-based asphalt mixture. International Journal of Pavement Research and Technology, 2016, 9, 140-148.	2.6	19
26	Current status and development of terminal blend tyre rubber modified asphalt. Construction and Building Materials, 2016, 128, 399-409.	7.2	103
27	Evaluation of long-term performance of anti-icing asphalt pavement. Construction and Building Materials, 2015, 84, 277-283.	7.2	53