

Peide Cui

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

952
citations

516215

16
h-index

610482

24
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all docs

24
docs citations

24
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring aggregate morphologies based on three-dimensional curvature analysis. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 1674-1686.	6.3	11
2	Performance characterization and enhancement mechanism of recycled asphalt mixtures involving high RAP content and steel slag. <i>Journal of Cleaner Production</i> , 2022, 336, 130484.	4.6	92
3	Morphological characteristics of mineral filler and their influence on active adhesion between aggregates and bitumen. <i>Construction and Building Materials</i> , 2022, 323, 126520.	3.2	14
4	Optimization of Asphalt-Mortar-Aging-Resistance-Modifier Dosage Based on Second-Generation Non-Inferior Sorting Genetic Algorithm. <i>Materials</i> , 2022, 15, 3635.	1.3	1
5	Artificial neural network modeling for predicting surface texture and its attenuation of micro-surfacing containing steel slag aggregates. <i>Construction and Building Materials</i> , 2022, 346, 128504.	3.2	4
6	Environmental performance and functional analysis of chip seals with recycled basic oxygen furnace slag as aggregate. <i>Journal of Hazardous Materials</i> , 2021, 405, 124441.	6.5	99
7	Comparative Assessment of Asphalt Volatile Organic Compounds Emission from field to laboratory. <i>Journal of Cleaner Production</i> , 2021, 278, 123479.	4.6	50
8	Effect of aging on the constitutive models of asphalt and their mixtures. <i>Construction and Building Materials</i> , 2021, 272, 121611.	3.2	15
9	Hazardous characteristics and variation in internal structure by hydrodynamic damage of BOF slag-based thin asphalt overlay. <i>Journal of Hazardous Materials</i> , 2021, 412, 125344.	6.5	31
10	Environmental and feasible analysis of recycling steel slag as aggregate treated by silicone resin. <i>Construction and Building Materials</i> , 2021, 299, 123914.	3.2	20
11	Enhancement mechanism of skid resistance in preventive maintenance of asphalt pavement by steel slag based on micro-surfacing. <i>Construction and Building Materials</i> , 2020, 239, 117870.	3.2	59
12	Effect of aggregate morphologies and compaction methods on the skeleton structures in asphalt mixtures. <i>Construction and Building Materials</i> , 2020, 263, 120220.	3.2	48
13	Thermal Exchange and Skid Resistance of Chip Seal with Various Aggregate Types and Morphologies. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8192.	1.3	5
14	Effect of Coarse Aggregate Morphologies on the Hydrodynamic Pressure-Resulted Moisture Susceptibility of Asphalt Mixtures. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	7
15	Profile Features of Emulsified Asphalt Mixture Containing Steel Slag Based on Laser Scanning. <i>Materials</i> , 2020, 13, 2679.	1.3	12
16	Correlation of asphalt performance indicators and aging Degrees: A review. <i>Construction and Building Materials</i> , 2020, 250, 118824.	3.2	84
17	Silicone Resin Polymer Used in Preventive Maintenance of Asphalt Mixture Based on Fog Seal. <i>Polymers</i> , 2019, 11, 1814.	2.0	19
18	3D reconstruction of moisture damage resulted volumetric changes in porous asphalt mixture. <i>Construction and Building Materials</i> , 2019, 228, 116658.	3.2	28

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19	Quantitative evaluation of active based adhesion in Aggregate-Asphalt by digital image analysis. Journal of Adhesion Science and Technology, 2019, 33, 1544-1557.	1.4	31
20	Characteristics of steel slag filler and its influence on rheological properties of asphalt mortar. Construction and Building Materials, 2019, 201, 439-446.	3.2	74
21	Evaluation of Fine Aggregate Morphology by Image Method and Its Effect on Skid-Resistance of Micro-Surfacing. Materials, 2018, 11, 920.	1.3	55
22	Morphological characteristics of aggregates and their influence on the performance of asphalt mixture. Construction and Building Materials, 2018, 186, 303-312.	3.2	64
23	Residual Fatigue Properties of Asphalt Pavement after Long-Term Field Service. Materials, 2018, 11, 892.	1.3	33
24	Inhibiting effect of Layered Double Hydroxides on the emissions of volatile organic compounds from bituminous materials. Journal of Cleaner Production, 2015, 108, 987-991.	4.6	96