

# Peide Cui

## List of Publications by Year in descending order

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24  
papers

952  
citations

516215

16  
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610482

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docs citations

24  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Inhibiting effect of Layered Double Hydroxides on the emissions of volatile organic compounds from bituminous materials. <i>Journal of Cleaner Production</i> , 2015, 108, 987-991.	4.6	96
3	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
4	Correlation of asphalt performance indicators and aging Degrees: A review. <i>Construction and Building Materials</i> , 2020, 250, 118824.	3.2	84
5	Characteristics of steel slag filler and its influence on rheological properties of asphalt mortar. <i>Construction and Building Materials</i> , 2019, 201, 439-446.	3.2	74
6	Morphological characteristics of aggregates and their influence on the performance of asphalt mixture. <i>Construction and Building Materials</i> , 2018, 186, 303-312.	3.2	64
7	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
8	Evaluation of Fine Aggregate Morphology by Image Method and Its Effect on Skid-Resistance of Micro-Surfacing. <i>Materials</i> , 2018, 11, 920.	1.3	55
9	Comparative Assessment of Asphalt Volatile Organic Compounds Emission from field to laboratory. <i>Journal of Cleaner Production</i> , 2021, 278, 123479.	4.6	50
10	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
11	Residual Fatigue Properties of Asphalt Pavement after Long-Term Field Service. <i>Materials</i> , 2018, 11, 892.	1.3	33
12	Quantitative evaluation of active based adhesion in Aggregate-Asphalt by digital image analysis. <i>Journal of Adhesion Science and Technology</i> , 2019, 33, 1544-1557.	1.4	31
13	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
14	3D reconstruction of moisture damage resulted volumetric changes in porous asphalt mixture. <i>Construction and Building Materials</i> , 2019, 228, 116658.	3.2	28
15	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
16	Silicone Resin Polymer Used in Preventive Maintenance of Asphalt Mixture Based on Fog Seal. <i>Polymers</i> , 2019, 11, 1814.	2.0	19
17	Effect of aging on the constitutive models of asphalt and their mixtures. <i>Construction and Building Materials</i> , 2021, 272, 121611.	3.2	15
18	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

#	ARTICLE	IF	CITATIONS
19	Profile Features of Emulsified Asphalt Mixture Containing Steel Slag Based on Laser Scanning. <i>Materials</i> , 2020, 13, 2679.	1.3	12
20	Measuring aggregate morphologies based on three-dimensional curvature analysis. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2022, 37, 1674-1686.	6.3	11
21	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
22	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
23	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
24	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