

Hui Wei

List of Publications by Year in descending order

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15
papers

583
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Ultraviolet Radiation on the Aging Properties of SBS-Modified Asphalt Binders. <i>Polymers</i> , 2019, 11, 1111.	4.5	99
2	Rheological and adhesion properties of nano-organic palygorskite and linear SBS on the composite modified asphalt. <i>Powder Technology</i> , 2021, 377, 212-221.	4.2	77
3	Preparation and thermal performance of binary fatty acid with diatomite as form-stable composite phase change material for cooling asphalt pavements. <i>Construction and Building Materials</i> , 2019, 226, 616-624.	7.2	76
4	Preparation and thermal properties of encapsulated ceramsite-supported phase change materials used in asphalt pavements. <i>Construction and Building Materials</i> , 2018, 190, 235-245.	7.2	68
5	Aging Mechanism and Properties of SBS Modified Bitumen under Complex Environmental Conditions. <i>Materials</i> , 2019, 12, 1189.	2.9	51
6	Effects of TiO ₂ pillared montmorillonite nanocomposites on the properties of asphalt with exhaust catalytic capacity. <i>Journal of Cleaner Production</i> , 2018, 205, 339-349.	9.3	46
7	Structure characteristics of organic bentonite and the effects on rheological and aging properties of asphalt. <i>Powder Technology</i> , 2018, 329, 107-114.	4.2	45
8	Temporal-spatial evolution characteristics of acoustic emission in asphalt concrete cracking process under low temperature. <i>Construction and Building Materials</i> , 2020, 248, 118632.	7.2	33
9	Numerical investigation on fracture evolution of asphalt mixture compared with acoustic emission. <i>International Journal of Pavement Engineering</i> , 2022, 23, 3481-3491.	4.4	32
10	A Study on Modified Bitumen with Metal Doped Nano-TiO ₂ Pillared Montmorillonite. <i>Materials</i> , 2019, 12, 1910.	2.9	22
11	Influence of Different Aging Environments on Rheological Behavior and Structural Properties of Rubber Asphalt. <i>Materials</i> , 2020, 13, 3376.	2.9	13
12	A Waveform Image Method for Discriminating Micro-Seismic Events and Blasts in Underground Mines. <i>Sensors</i> , 2020, 20, 4322.	3.8	8
13	Mixing ratio design of emulsified asphalt cold recycled mixture based on gyratory compaction molding. <i>Journal of Central South University</i> , 2019, 26, 759-767.	3.0	6
14	Influence of temperature on deformation failure and acoustic emission characterisation of asphalt concrete under uniaxial compression. <i>International Journal of Pavement Engineering</i> , 2023, 24, .	4.4	4
15	Contribution Modeling on Condition Evaluation of Asphalt Pavement Using Uncertainty Measurement and Entropy Theory. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-10.	1.8	3