

Peng Lin

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

610
citations

759233

12
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward the long-term aging influence and novel reaction kinetics models of bitumen. <i>International Journal of Pavement Engineering</i> , 2023, 24, .	4.4	13
2	Modeling the modulus of bitumen/SBS composite at different temperatures based on kinetic models. <i>Composites Science and Technology</i> , 2022, 218, 109146.	7.8	17
3	Low-Temperature and Fatigue Characteristics of Degraded Crumb Rubberâ€“Modified Bitumen Before and After Aging. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	12
4	Effect of Bio-oil on Rheology and Chemistry of Organosolv Ligninâ€“Modified Bitumen. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	12
5	Aging Characteristics of Rubber Modified Bitumen Mixed with Sulfur after Terminal Blend Process. <i>Sustainability</i> , 2022, 14, 2612.	3.2	3
6	Chemical characterizations and molecular dynamics simulations on different rejuvenators for aged bitumen recycling. <i>Fuel</i> , 2022, 324, 124550.	6.4	34
7	Effect of High Content of Waste Tire Rubber and Sulfur on the Aging Behavior of Bitumen. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5417.	2.5	1
8	Evaluation of the Aging Properties of Terminal Blend Hybrid Asphalt Based on Chemical and Rheological Methods. <i>Sustainability</i> , 2022, 14, 7865.	3.2	1
9	Evaluation of photocatalytic micro-surfacing mixture: road performance, vehicle exhaust gas degradation capacity and environmental impacts. <i>Construction and Building Materials</i> , 2022, 345, 128367.	7.2	7
10	Investigating the field short-term aging of high content polymer-modified asphalt. <i>International Journal of Pavement Engineering</i> , 2021, 22, 1263-1272.	4.4	8
11	Influence of ageing on high content polymer modified asphalt mixture stripping, cracking and rutting performances. <i>Road Materials and Pavement Design</i> , 2021, 22, 1824-1841.	4.0	18
12	On the rejuvenator dosage optimization for aged SBS modified bitumen. <i>Construction and Building Materials</i> , 2021, 271, 121913.	7.2	37
13	Evaluation of open-grade friction course (OGFC) mixtures with high content SBS polymer modified asphalt. <i>Construction and Building Materials</i> , 2021, 270, 121374.	7.2	24
14	Investigating binder aging during hot in-place recycling (HIR) of asphalt pavement. <i>Construction and Building Materials</i> , 2021, 276, 122188.	7.2	11
15	Investigation on the durability of OGFC-5 ultra-thin friction course with different mixes. <i>Construction and Building Materials</i> , 2021, 288, 123049.	7.2	10
16	Chemical, Physical, and Rheological Evaluation of Aging Behaviors of Terminal Blend Rubberized Asphalt Binder. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	2.9	17
17	Microstructure Evolution of Saturated Clay Under Cyclic Shearing. <i>Journal of Testing and Evaluation</i> , 2021, 49, 1362-1369.	0.7	2
18	Development and Piezoelectric Properties of a Stack Units-Based Piezoelectric Device for Roadway Application. <i>Sensors</i> , 2021, 21, 7708.	3.8	7

#	ARTICLE	IF	CITATIONS
19	Influence of different high viscosity modifiers on the aging behaviors of SBSMA. Construction and Building Materials, 2020, 253, 119214.	7.2	10
20	Investigating the asphalt binder/mastic bonding healing behavior using bitumen bonding strength test and X-ray Computed Tomography scan. Construction and Building Materials, 2020, 257, 119504.	7.2	11
21	Evaluating four typical fibers used for OGFC mixture modification regarding drainage, raveling, rutting and fatigue resistance. Construction and Building Materials, 2020, 253, 119131.	7.2	39
22	Chemical and rheological evaluation of aging properties of high content SBS polymer modified asphalt. Fuel, 2019, 252, 417-426.	6.4	146
23	Rheological, chemical and aging characteristics of high content polymer modified asphalt. Construction and Building Materials, 2019, 207, 616-629.	7.2	72
24	Chemical and rheological evaluation of aging characteristics of terminal blend rubberized asphalt binder. Construction and Building Materials, 2019, 205, 87-96.	7.2	40
25	Evolution of components distribution and its effect on low temperature properties of terminal blend rubberized asphalt binder. Construction and Building Materials, 2017, 136, 598-608.	7.2	58