

Cheng-wei Xing

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8019508/publications.pdf>

Version: 2024-02-01

10
papers

253
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of base bitumen chemical composition and aging behaviors via atomic force microscopy-based infrared spectroscopy. <i>Fuel</i> , 2020, 264, 116845.	6.4	61
2	Chemical Composition and Aging Characteristics of Linear SBS Modified Asphalt Binders. <i>Energy & Fuels</i> , 2020, 34, 4194-4200.	5.1	45
3	Application of atomic force microscopy in bitumen materials at the nanoscale: A review. <i>Construction and Building Materials</i> , 2022, 342, 128059.	7.2	43
4	A new preparation method and imaging parameters of asphalt binder samples for atomic force microscopy. <i>Construction and Building Materials</i> , 2019, 205, 622-632.	7.2	30
5	A new progressed mastic aging method and effect of fillers on SBS modified bitumen aging. <i>Construction and Building Materials</i> , 2020, 238, 117732.	7.2	26
6	Evaluation of microstructural features of Buton rock asphalt components and rheological properties of pure natural asphalt modified asphalt. <i>Construction and Building Materials</i> , 2021, 267, 121132.	7.2	19
7	Gel permeation chromatography-based method for assessing the properties of binders in reclaimed asphalt pavement mixtures. <i>Construction and Building Materials</i> , 2022, 316, 126005.	7.2	13
8	Analysis of the nanoscale phase characteristics of bitumen and bitumen in mastics and mixtures via AFM. <i>Journal of Microscopy</i> , 2020, 280, 19-29.	1.8	8
9	Analysis of bitumen material test methods and bitumen surface phase characteristics via atomic force microscopy-based infrared spectroscopy. <i>Construction and Building Materials</i> , 2022, 346, 128373.	7.2	8
10	The Suitability of Rotating Furnace Slag for Use as Aggregates and Powders in SMA-10 Road Surfacing. , 2021, , .		0