

Xiaokong Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3432107/publications.pdf>

Version: 2024-02-01

9
papers

604
citations

1163117

8
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological, microscopic, and chemical characterization of the rejuvenating effect on asphalt binders. <i>Fuel</i> , 2014, 135, 162-171.	6.4	250
2	Surface microstructure of bitumen characterized by atomic force microscopy. <i>Advances in Colloid and Interface Science</i> , 2015, 218, 17-33.	14.7	117
3	A systematic AFM-based method to measure adhesion differences between micron-sized domains in asphalt binders. <i>Fuel</i> , 2013, 113, 443-447.	6.4	96
4	Differential effects of ultraviolet radiation and oxidative aging on bio-modified binders. <i>Fuel</i> , 2019, 251, 45-56.	6.4	63
5	Bitumen's microstructures are correlated with its bulk thermal and rheological properties. <i>Fuel</i> , 2019, 254, 115509.	6.4	26
6	Time- and Composition-Dependent Evolution of Distinctive Microstructures in Bitumen. <i>Energy & Fuels</i> , 2018, 32, 67-80.	5.1	25
7	Chemical, thermophysical, rheological, and microscopic characterisation of rubber modified asphalt binder exposed to UV radiation. <i>Road Materials and Pavement Design</i> , 2020, 21, S123-S139.	4.0	16
8	Morphological, Thermal, and Mechanical Properties of Asphalt Binders Modified by Graphene and Carbon Nanotube. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	2.9	11
9	Fiber-based optical trapping for cell mechanics study and microrheology. , 2016, , .		0