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List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

198
citations

1163117

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docs citations

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158
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of ageing state clusters of reclaimed asphalt binders using principal component analysis (PCA) and hierarchical cluster analysis (HCA) based on chemo-rheological parameters. <i>Construction and Building Materials</i> , 2020, 244, 118276.	7.2	33
2	On the Applicability of ATR-FTIR Microscopy to Evaluate the Blending between Neat Bitumen and Bituminous Coating of Reclaimed Asphalt. <i>Coatings</i> , 2019, 9, 240.	2.6	22
3	Influence of soft binder and rejuvenator on the mechanical and chemical properties of bituminous binders. <i>Journal of Cleaner Production</i> , 2021, 287, 125596.	9.3	18
4	Investigation of Crack Propagation and Healing of Asphalt Concrete Using Digital Image Correlation. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2459.	2.5	16
5	Physicochemical and Rheological Properties of a Transparent Asphalt Binder Modified with Nano-TiO ₂ . <i>Nanomaterials</i> , 2020, 10, 2152.	4.1	16
6	Analysis of 4-mm DSR tests: calibration, sample preparation, and evaluation of repeatability and reproducibility. <i>Road Materials and Pavement Design</i> , 2021, 22, 557-571.	4.0	13
7	Fourier-transform infrared analysis and interpretation for bituminous binders. <i>Road Materials and Pavement Design</i> , 2023, 24, 462-483.	4.0	11
8	Towards an enhanced fatigue evaluation of bituminous mortars. <i>Construction and Building Materials</i> , 2021, 275, 121578.	7.2	10
9	Recommendations and strategies for using reclaimed asphalt pavement in the Flemish Region based on a first life cycle assessment research. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 236, 012088.	0.6	8
10	Fatigue Resistance of Bituminous Mixtures and Mortars Containing High Reclaimed Asphalt Content. <i>Materials</i> , 2020, 13, 5680.	2.9	8
11	Evaluating the role of recycling rate and rejuvenator on the chemo-rheological properties of reclaimed polymer-modified binders. <i>Road Materials and Pavement Design</i> , 2021, 22, S83-S98.	4.0	8
12	Lime Treatment of Coal Bottom Ash for Use in Road Pavements: Application to El Jadida Zone in Morocco. <i>Materials</i> , 2019, 12, 2674.	2.9	6
13	Characterizing the Complex Modulus of Asphalt Concrete Using a Scanning Laser Doppler Vibrometer. <i>Materials</i> , 2019, 12, 3542.	2.9	6
14	Evaluating the mechanical performance of Flemish bituminous mixtures containing RA by statistical analysis. <i>Road Materials and Pavement Design</i> , 2019, 20, S725-S739.	4.0	5
15	Demonstrating Innovative Technologies for the Flemish Asphalt Sector in the CyPaTs Project. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 471, 022031.	0.6	5
16	Identification of the viscoelastic properties of an asphalt mixture using a scanning laser Doppler vibrometer. <i>Materials and Structures/Materiaux Et Constructions</i> , 2020, 53, 1.	3.1	5
17	Digital image correlation to investigate crack propagation and healing of asphalt concrete. , 2018, , .		3
18	The impact of reclaimed asphalt rate on the healing potential of bituminous mortars and mixtures. <i>International Journal of Pavement Engineering</i> , 2022, 23, 4664-4674.	4.4	3

#	ARTICLE	IF	CITATIONS
19	Introducing an Improved Testing Method to Evaluate the Fatigue Resistance of Bituminous Mortars. RILEM Bookseries, 2022, , 1135-1141.	0.4	0