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List of Publications by Year in descending order

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papers

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citations

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13
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20
all docs

20
docs citations

20
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Fourier-transform infrared analysis and interpretation for bituminous binders. Road Materials and Pavement Design, 2023, 24, 462-483.	4.0	11
2	The impact of reclaimed asphalt rate on the healing potential of bituminous mortars and mixtures. International Journal of Pavement Engineering, 2022, 23, 4664-4674.	4.4	3
3	Introducing an Improved Testing Method to Evaluate the Fatigue Resistance of Bituminous Mortars. RILEM Bookseries, 2022, , 1135-1141.	0.4	0
4	Towards an enhanced fatigue evaluation of bituminous mortars. Construction and Building Materials, 2021, 275, 121578.	7.2	10
5	Analysis of 4-mm DSR tests: calibration, sample preparation, and evaluation of repeatability and reproducibility. Road Materials and Pavement Design, 2021, 22, 557-571.	4.0	13
6	Influence of soft binder and rejuvenator on the mechanical and chemical properties of bituminous binders. Journal of Cleaner Production, 2021, 287, 125596.	9.3	18
7	Evaluating the role of recycling rate and rejuvenator on the chemo-rheological properties of reclaimed polymer-modified binders. Road Materials and Pavement Design, 2021, 22, S83-S98.	4.0	8
8	Identification of the viscoelastic properties of an asphalt mixture using a scanning laser Doppler vibrometer. Materials and Structures/Materiaux Et Constructions, 2020, 53, 1.	3.1	5
9	Physicochemical and Rheological Properties of a Transparent Asphalt Binder Modified with Nano-TiO ₂ . Nanomaterials, 2020, 10, 2152.	4.1	16
10	Fatigue Resistance of Bituminous Mixtures and Mortars Containing High Reclaimed Asphalt Content. Materials, 2020, 13, 5680.	2.9	8
11	Identification of ageing state clusters of reclaimed asphalt binders using principal component analysis (PCA) and hierarchical cluster analysis (HCA) based on chemo-rheological parameters. Construction and Building Materials, 2020, 244, 118276.	7.2	33
12	Lime Treatment of Coal Bottom Ash for Use in Road Pavements: Application to El Jadida Zone in Morocco. Materials, 2019, 12, 2674.	2.9	6
13	Investigation of Crack Propagation and Healing of Asphalt Concrete Using Digital Image Correlation. Applied Sciences (Switzerland), 2019, 9, 2459.	2.5	16
14	Evaluating the mechanical performance of Flemish bituminous mixtures containing RA by statistical analysis. Road Materials and Pavement Design, 2019, 20, S725-S739.	4.0	5
15	On the Applicability of ATR-FTIR Microscopy to Evaluate the Blending between Neat Bitumen and Bituminous Coating of Reclaimed Asphalt. Coatings, 2019, 9, 240.	2.6	22
16	Demonstrating Innovative Technologies for the Flemish Asphalt Sector in the CyPaTs Project. IOP Conference Series: Materials Science and Engineering, 2019, 471, 022031.	0.6	5
17	Characterizing the Complex Modulus of Asphalt Concrete Using a Scanning Laser Doppler Vibrometer. Materials, 2019, 12, 3542.	2.9	6
18	Digital image correlation to investigate crack propagation and healing of asphalt concrete. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Recommendations and strategies for using reclaimed asphalt pavement in the Flemish Region based on a first life cycle assessment research. IOP Conference Series: Materials Science and Engineering, 2017, 236, 012088.	0.6	8