Adalberto Leandro Faxina

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11534565/publications.pdf

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15	271	1040056	1125743
papers	citations	9 h-index	13 g-index

16	16	16	207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Susceptibility of low-density polyethylene and polyphosphoric acid-modified asphalt binders to rutting and fatigue cracking. Construction and Building Materials, 2014, 73, 509-514.	7.2	69
2	Characterization of the rutting potential of modified asphalt binders and its correlation with the mixtureâ€™s rut resistance. Construction and Building Materials, 2017, 144, 207-213.	7.2	38
3	Asphalt concrete mixtures modified with polymeric waste by the wet and dry processes: A literature review. Construction and Building Materials, 2021, 312, 125408.	7.2	37
4	Rheological behaviour of bitumens modified with PE and PPA at different MSCR creepâ€“recovery times. International Journal of Pavement Engineering, 2015, 16, 771-783.	4.4	32
5	Rheological analysis of asphalt binders modified with ElvaloyÂ® terpolymer and polyphosphoric acid on the multiple stress creep and recovery test. Materials and Structures/Materiaux Et Constructions, 2015, 48, 1405-1416.	3.1	29
6	Accelerated short-term ageing effects on the rheological properties of modified bitumens with similar high PG grades. Road Materials and Pavement Design, 2015, 16, 469-480.	4.0	15
7	Fatigue characteristics of modified asphalt binders using fracture mechanics. Engineering Fracture Mechanics, 2016, 154, 1-11.	4.3	14
8	High-temperature rheological properties of asphalt binders modified with recycled low-density polyethylene and crumb rubber. Construction and Building Materials, 2021, 298, 123852.	7.2	12
9	AVALIAÃ‡ÃƒO DO EFEITO DE LIGANTES ASFÃŁTICOS MODIFICADOS NA RESISTÃŠNCIA Ã€ DEFORMAÃ‡ÃƒO PERMANENTE DE MISTURAS ASFÃŁTICAS DENSAS. Transportes, 2014, 21, 14.	0.2	9
10	Rutting behavior and rheological modeling of EVA-modified binders in the mixture and binder scales. Materials and Structures/Materiaux Et Constructions, 2019, 52, 1.	3.1	5
11	Modelling and permanent deformation analysis of low-density polyethylene (PE)-modified bitumens and asphalts. Road Materials and Pavement Design, 2021, 22, 1860-1880.	4.0	4
12	Alternative interpretation of the adequate traffic levels of modified bitumens on SuperpaveÂ®: a case study with crumb rubber and polyphosphoric acid (PPA). Road Materials and Pavement Design, 2019, 20, S632-S646.	4.0	3
13	Rheological Behavior of Asphaltâ€“Rubber Binders Modified With Shale-Oil Residue and Polyphosphoric Acid. Journal of Testing and Evaluation, 2013, 41, 719-728.	0.7	3
14	A tool based on the linear elastic fracture mechanics to analyze the outputs of the linear amplitude sweep (LAS) test. Construction and Building Materials, 2020, 264, 120255.	7.2	1
15	Low-Temperature and Fatigue Properties of Asphalt Binders Modified with Crumb Rubber from Discarded Tires and Recycled Low-Density Polyethylene. Journal of Materials in Civil Engineering, 2022, 34, .	2.9	0