

# Adalberto Leandro Faxina

## List of Publications by Year in descending order

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15  
papers

271  
citations

1040056

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1125743

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