

Alejandra Baldi Sevilla

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

318
citations

933447

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h-index

1372567

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g-index

13
all docs

13
docs citations

13
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the Chemical Nature on the Stripping Potential of Binder-Aggregate Interfaces. Energy & Fuels, 2019, 33, 2625-2632.	5.1	0
2	Carbon Footprint Estimation in Road Construction: La Abundancia-Florencia Case Study. Sustainability, 2019, 11, 2276.	3.2	26
3	Methodology for estimating the modulus of elasticity of bitumen under different aging conditions by AFM. Road Materials and Pavement Design, 2019, 20, S332-S346.	4.0	14
4	Oxidative and Thermoreversible Aging Effects on Performance-Based Rheological Properties of Six Latin American Asphalt Binders. Energy & Fuels, 2019, 33, 2604-2613.	5.1	38
5	Adhesive properties of asphalts and aggregates in tropical climates. International Journal of Pavement Engineering, 2018, 19, 738-747.	4.4	19
6	Analysis of Asphalt Oxidation by Means of Accelerated Testing and Environmental Conditions. Transportation Research Record, 2018, 2672, 244-255.	1.9	12
7	Effect of aggregate-bitumen compatibility on moisture susceptibility of asphalt mixtures. Road Materials and Pavement Design, 2017, 18, 318-328.	4.0	25
8	Influence of bitumen and aggregate polarity on interfacial adhesion. Road Materials and Pavement Design, 2017, 18, 304-317.	4.0	32
9	Effect of ageing on micromechanical properties of bitumen by means of atomic force microscopy. Road Materials and Pavement Design, 2017, 18, 203-215.	4.0	36
10	Influence of nanosilica and diatomite on the physicochemical and mechanical properties of binder at unaged and oxidized conditions. Construction and Building Materials, 2016, 127, 176-182.	7.2	31
11	Effect of Aging on Adhesion Properties of Asphalt Mixtures with the Use of Bitumen Bond Strength and Surface Energy Measurement Tests. Transportation Research Record, 2015, 2505, 57-65.	1.9	84
12	Improving the accuracy of mineral aggregate surface energy estimation based on goniometry. Road Materials and Pavement Design, 0, , 1-17.	4.0	1