

Alejandra Baldi Sevilla

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

318
citations

933447

10
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

277
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | Influence of bitumen and aggregate polarity on interfacial adhesion. Road Materials and Pavement Design, 2017, 18, 304-317. | 4.0 | 32 |
| 5 | 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 |
| 6 | Carbon Footprint Estimation in Road Construction: La Abundanciaâ€œFlorenia Case Study. Sustainability, 2019, 11, 2276. | 3.2 | 26 |
| 7 | Effect of aggregateâ€œbitumen compatibility on moisture susceptibility of asphalt mixtures. Road Materials and Pavement Design, 2017, 18, 318-328. | 4.0 | 25 |
| 8 | Adhesive properties of asphalts and aggregates in tropical climates. International Journal of Pavement Engineering, 2018, 19, 738-747. | 4.4 | 19 |
| 9 | 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 |
| 10 | Analysis of Asphalt Oxidation by Means of Accelerated Testing and Environmental Conditions. Transportation Research Record, 2018, 2672, 244-255. | 1.9 | 12 |
| 11 | Improving the accuracy of mineral aggregate surface energy estimation based on goniometry. Road Materials and Pavement Design, 0, , 1-17. | 4.0 | 1 |
| 12 | Effect of the Chemical Nature on the Stripping Potential of Binderâ€œAggregate Interfaces. Energy & Fuels, 2019, 33, 2625-2632. | 5.1 | 0 |