

Raul Velasquez, Pe

List of Publications by Year in descending order

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10
papers

506
citations

1040056

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h-index

1372567

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10
docs citations

10
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring the Effect of Moisture on Asphalt-Aggregate Bond with the Bitumen Bond Strength Test. Transportation Research Record, 2011, 2209, 70-81.	1.9	181
2	Using bond strength and surface energy to estimate moisture resistance of asphalt-aggregate systems. Construction and Building Materials, 2017, 130, 156-170.	7.2	80
3	Predicting low temperature physical hardening in asphalt binders. Construction and Building Materials, 2012, 34, 162-169.	7.2	78
4	Measuring physico-chemical interaction in mastics using glass transition. Road Materials and Pavement Design, 2012, 13, 304-320.	4.0	48
5	Modeling Thermal Stress in Asphalt Mixtures Undergoing Glass Transition and Physical Hardening. Transportation Research Record, 2012, 2296, 106-114.	1.9	35
6	Bending beam rheometer testing of asphalt mixtures. International Journal of Pavement Engineering, 2011, 12, 461-474.	4.4	28
7	Critical factors affecting thermal cracking of asphalt pavements: towards a comprehensive specification. Road Materials and Pavement Design, 2013, 14, 187-200.	4.0	23
8	Microstructure Characterization of Asphalt Mixtures with 2- and 3-Point Correlation Functions. Road Materials and Pavement Design, 2010, 11, 251-272.	4.0	12
9	Effect of Water Conditioning for Extended Periods on the Properties of Asphalt Binders. Transportation Research Record, 2013, 2372, 34-45.	1.9	12
10	Simulation and Characterization of Asphalt Pavement Temperatures. Road Materials and Pavement Design, 2009, 10, 233-247.	4.0	9