

Peyman Barghabany

List of Publications by Year in descending order

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1684188
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#	ARTICLE	IF	CITATIONS
1	Novel Model to Predict Critical Strain Energy Release Rate in Semi-Circular Bend Test as Fracture Parameter for Asphalt Mixtures Using an Artificial Neural Network Approach. Transportation Research Record, 2022, 2676, 388-400.	1.9	4
2	Effect of Laboratory Aging Levels on Asphalt Binder Chemical/Rheological Properties and Fracture Resistance of Asphalt Mixtures. Journal of Materials in Civil Engineering, 2022, 34, .	2.9	5
3	Chemical and Rheological Characterization of Asphalt Binders: A Comparison of Asphalt Binder Aging and Asphalt Mixture Aging. Transportation Research Record, 2022, 2676, 147-157.	1.9	3
4	Relationships among Chemistry, Rheology, and Fracture/Fatigue Performance of Recovered Asphalt Binders and Asphalt Mixtures Containing Reclaimed Asphalt Pavement. Transportation Research Record, 2020, 2674, 927-938.	1.9	8
5	Development of a 4.75 mm asphalt mixture design for Implementation in Louisiana DOTD Specifications. International Journal of Pavement Research and Technology, 2020, 13, 637-644.	2.6	2
6	Relationship between laboratory and full-scale fatigue performance of asphalt mixtures containing recycled materials. Materials and Structures/Materiaux Et Constructions, 2019, 52, 1.	3.1	7
7	Chemical and rheological evaluation of asphalts incorporating RAP/RAS binders and warm-mix technologies in relation to crack resistance. Construction and Building Materials, 2019, 198, 256-268.	7.2	33
8	Use of indirect tension test and viscoelastic continuum damage theory for fatigue characterization of asphalt mixtures. Construction and Building Materials, 2018, 187, 38-49.	7.2	13
9	Comparison of Asphalt Mixtures Crack Resistance at Intermediate Temperatures using Advanced Test Methods and Theories. Transportation Research Record, 2018, 2672, 416-425.	1.9	5