Jun Liu

List of Publications by Citations

18 papers	246 citations	10 h-index	15 g-index
18 ext. papers	310 ext. citations	3.6 avg, IF	3.77 L-index

#	Paper	IF	Citations
18	Laboratory performance of warm mix asphalt binder containing polyphosphoric acid. *Construction and Building Materials*, **2016**, 106, 218-227	6.7	39
17	Spectral element method for dynamic response of transversely isotropic asphalt pavement under impact load. *Road Materials and Pavement Design*, **2018**, 19, 223-238	2.6	37
16	Prediction models of mixtures dynamic modulus using gene expression programming. *International Journal of Pavement Engineering*, **2017**, 18, 971-980	2.6	26
15	Using Artificial Neural Networks to Predict the Dynamic Modulus of Asphalt Mixtures Containing Recycled Asphalt Shingles. *Journal of Materials in Civil Engineering*, **2018**, 30, 04018051	3	20
14	Prediction of autogenous shrinkage of concretes by support vector machine. *International Journal of Pavement Research and Technology*, **2016**, 9, 169-177	2	20
13	Evaluation of the characteristics of Trinidad Lake Asphalt and Styrene Butadiene Rubber compound modified binder. *Construction and Building Materials*, **2019**, 202, 614-621	6.7	19
12	High temperature rheological properties of APAO and EVA compound modified asphalt. *Construction and Building Materials*, **2020**, 233, 117246	6.7	18
11	Rheological properties of warm mix asphalt binders and warm mix asphalt binders containing polyphosphoric acid. *International Journal of Pavement Research and Technology*, **2018**, 11, 481-487	2	17
10	Rheological Characteristics of Polyphosphoric Acid Modified Asphalt Mastic. *Journal of Materials in Civil Engineering*, **2018**, 30, 06018021	3	11
9	Rheological and aging properties of warm mix asphalt binders containing expanded vermiculite. *Petroleum Science and Technology*, **2016**, 34, 1042-1047	1.4	10
8	Partially replacing Styrene-Butadiene-Styrene (SBS) with other asphalt binder modifier: Feasibility study. *Construction and Building Materials*, **2020**, 249, 118752	6.7	8
7	Evaluation of cracking susceptibility of Alaskan polymer modified asphalt binders using chemical and rheological indices. *Construction and Building Materials*, **2021**, 271, 121897	6.7	5
6	Rheological properties of Deurex modified WMA binder containing SBS. *Petroleum Science and Technology*, **2018**, 36, 813-819	1.4	4
5	Chemical Aging Indexes and Rheological Parameters for Cracking Susceptibility Evaluation of Alaskan Polymer Modified Asphalt Binders. *Journal of Materials in Civil Engineering*, **2021**, 33, 04021009	3	4
4	Evaluation of Multiple Stress-Creep Recovery Test on Alaskan Asphalt Binders. *Journal of Materials in Civil Engineering*, **2020**, 32, 04020302	3	3
3	Prediction models for low-temperature creep compliance of asphalt mixtures containing reclaimed asphalt pavement (RAP). *Construction and Building Materials*, **2021**, 306, 124915	6.7	3
2	Optimizing of predictive performance for construction projects utilizing support vector machine technique. *Cogent Engineering*, **2019**, 6, 1685860	1.5	1

1	Characterization of Highly Polymerized Alaskan Asphalt Binders and Mixtures. *Journal of Transportation Engineering Part B: Pavements*, **2021**, 147, 04021047	1.4	1