Xue Wang

List of Publications by Citations

12 papers	98 citations	5 h-index	9 g-index
12 ext. papers	173 ext. citations	7.5 avg, IF	2.92 L-index

#	Paper	IF	Citations
12	Characterization of particle movement in Superpave gyratory compactor at meso-scale using SmartRock sensors. *Construction and Building Materials*, **2018**, 175, 206-214	6.7	27
11	Towards smart compaction: Particle movement characteristics from laboratory to the field. *Construction and Building Materials*, **2019**, 218, 323-332	6.7	21
10	Flexible supercapacitors with high capacitance retention at temperatures from −20 to 100 °C based on DMSO-doped polymer hydrogel electrolytes. *Journal of Materials Chemistry A*, **2021**, 9, 12051-12059	13	19
9	Three-dimensional seamless graphene/carbon nanotube hybrids for multifunctional energy storage. *Journal of Materials Chemistry A*, **2019**, 7, 24792-24799	13	16
8	Regulating the Self-Discharge of Flexible All-Solid-State Supercapacitors by a Heterogeneous Polymer Electrolyte. *Small*, **2021**, 17, e2102054	11	5
7	Characterization of In Situ Modulus of Asphalt Pavement and Its Relation to Cracking Performance Using SASW Method. *Journal of Transportation Engineering Part B: Pavements*, **2020**, 146, 04020039	1.4	3
6	Quantitative Assessment of the Pavement Modulus and Surface Crack using the Rayleigh Wave Dispersion Curve. *Transportation Research Record*, **2020**, 2674, 259-269	1.7	3
5	Estimation of Vehicle Speed from Pavement Stress Responses Using Wireless Sensors. *Journal of Transportation Engineering Part B: Pavements*, **2021**, 147, 04021028	1.4	2
4	High-Performance Tubular Electricity Generators Operated by Magnetically Driving Movement of Droplet. *Advanced Materials Interfaces*, **2020**, 7, 2001592	4.6	1
3	Flexible Asymmetric Supercapacitors with Extremely Slow Self-Discharge Rate Enabled by a Bilayer Heterostructure Polymer Electrolyte. *Advanced Functional Materials*,2108794	15.6	1
2	Regulating the Self-Discharge of Flexible All-Solid-State Supercapacitors by a Heterogeneous Polymer Electrolyte (Small 31/2021). *Small*, **2021**, 17, 2170160	11	
1	In-Situ Modulus Determination Using Dispersion Curves Developed From the Deflection-Time History Data. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-10	6.1	