Xue Wang

List of Publications by Year
in descending order

12 papers	283 citations	1307366 7 h-index	1372474 10 g-index
12 all docs	12 docs citations	12 times ranked	199 citing authors

#	Article	IF	Citations
1	Flexible supercapacitors with high capacitance retention at temperatures from âˆ'20 to 100 Â°C based on DMSO-doped polymer hydrogel electrolytes. Journal of Materials Chemistry A, 2021, 9, 12051-12059.	5.2	78
2	Characterization of particle movement in Superpave gyratory compactor at meso-scale using SmartRock sensors. Construction and Building Materials, 2018, 175, 206-214.	3.2	64
3	Towards smart compaction: Particle movement characteristics from laboratory to the field. Construction and Building Materials, 2019, 218, 323-332.	3.2	53
4	Three-dimensional seamless graphene/carbon nanotube hybrids for multifunctional energy storage. Journal of Materials Chemistry A, 2019, 7, 24792-24799.	5.2	28
5	Regulating the Selfâ€Discharge of Flexible Allâ€Solidâ€State Supercapacitors by a Heterogeneous Polymer Electrolyte. Small, 2021, 17, e2102054.	5.2	21
6	Quantitative Assessment of the Pavement Modulus and Surface Crack using the Rayleigh Wave Dispersion Curve. Transportation Research Record, 2020, 2674, 259-269.	1.0	11
7	Flexible Asymmetric Supercapacitors with Extremely Slow Selfâ€Discharge Rate Enabled by a Bilayer Heterostructure Polymer Electrolyte. Advanced Functional Materials, 2022, 32, .	7.8	11
8	Estimation of Vehicle Speed from Pavement Stress Responses Using Wireless Sensors. Journal of Transportation Engineering Part B: Pavements, 2021, 147, .	0.8	7
9	Highâ€Performance Tubular Electricity Generators Operated by Magnetically Driving Movement of Droplet. Advanced Materials Interfaces, 2020, 7, 2001592.	1.9	5
10	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.	0.8	5
11	Regulating the Selfâ€Discharge of Flexible Allâ€Solidâ€State Supercapacitors by a Heterogeneous Polymer Electrolyte (Small 31/2021). Small, 2021, 17, 2170160.	5.2	0
12	In-Situ Modulus Determination Using Dispersion Curves Developed From the Deflection-Time History Data. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-10.	4.7	0