

Xue Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	In-Situ Modulus Determination Using Dispersion Curves Developed From the Deflection-Time History Data. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-10	6.1	
11	Flexible supercapacitors with high capacitance retention at temperatures from 0 to 100 °C based on DMSO-doped polymer hydrogel electrolytes. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 12051-12059	13	19
10	Regulating the Self-Discharge of Flexible All-Solid-State Supercapacitors by a Heterogeneous Polymer Electrolyte. <i>Small</i> , 2021 , 17, e2102054	11	5
9	Regulating the Self-Discharge of Flexible All-Solid-State Supercapacitors by a Heterogeneous Polymer Electrolyte (Small 31/2021). <i>Small</i> , 2021 , 17, 2170160	11	
8	Estimation of Vehicle Speed from Pavement Stress Responses Using Wireless Sensors. <i>Journal of Transportation Engineering Part B: Pavements</i> , 2021 , 147, 04021028	1.4	2
7	Characterization of In Situ Modulus of Asphalt Pavement and Its Relation to Cracking Performance Using SASW Method. <i>Journal of Transportation Engineering Part B: Pavements</i> , 2020 , 146, 04020039	1.4	3
6	Quantitative Assessment of the Pavement Modulus and Surface Crack using the Rayleigh Wave Dispersion Curve. <i>Transportation Research Record</i> , 2020 , 2674, 259-269	1.7	3
5	High-Performance Tubular Electricity Generators Operated by Magnetically Driving Movement of Droplet. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2001592	4.6	1
4	Towards smart compaction: Particle movement characteristics from laboratory to the field. <i>Construction and Building Materials</i> , 2019 , 218, 323-332	6.7	21
3	Three-dimensional seamless graphene/carbon nanotube hybrids for multifunctional energy storage. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24792-24799	13	16
2	Characterization of particle movement in Superpave gyratory compactor at meso-scale using SmartRock sensors. <i>Construction and Building Materials</i> , 2018 , 175, 206-214	6.7	27
1	Flexible Asymmetric Supercapacitors with Extremely Slow Self-Discharge Rate Enabled by a Bilayer Heterostructure Polymer Electrolyte. <i>Advanced Functional Materials</i> , 2108794	15.6	1