

Wei Li

List of Publications by Citations

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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.

15
papers

160
citations

6
h-index

12
g-index

18
ext. papers

297
ext. citations

4.4
avg, IF

3.34
L-index

#	Paper	IF	Citations
15	CrackU-net: A novel deep convolutional neural network for pixelwise pavement crack detection. <i>Structural Control and Health Monitoring</i> , 2020 , 27, e2551	4.5	58
14	Detection of sealed and unsealed cracks with complex backgrounds using deep convolutional neural network. <i>Automation in Construction</i> , 2019 , 107, 102946	9.6	34
13	Study on thermal properties of steel slag asphalt concrete for snow-melting pavement. <i>Journal of Cleaner Production</i> , 2020 , 277, 123574	10.3	14
12	Pavement aggregate shape classification based on extreme gradient boosting. <i>Construction and Building Materials</i> , 2020 , 256, 119356	6.7	11
11	Illumination Compensation Model with k -Means Algorithm for Detection of Pavement Surface Cracks with Shadow. <i>Journal of Computing in Civil Engineering</i> , 2020 , 34, 04019049	5	9
10	Virtual generation of pavement crack images based on improved deep convolutional generative adversarial network. <i>Engineering Applications of Artificial Intelligence</i> , 2021 , 104, 104376	7.2	8
9	Three-dimensional pavement crack detection based on primary surface profile innovation optimized dual-phase computing. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 89, 103376	7.2	6
8	International roughness index prediction based on multigranularity fuzzy time series and particle swarm optimization. <i>Expert Systems With Applications: X</i> , 2019 , 2, 100006	3.6	5
7	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-11	5.2	5
6	Image-Based Coarse-Aggregate Angularity Analysis and Evaluation. <i>Journal of Materials in Civil Engineering</i> , 2020 , 32, 04020140	3	3
5	. <i>IEEE Access</i> , 2020 , 8, 143241-143255	3.5	3
4	Pixel-level pavement crack detection using enhanced high-resolution semantic network. <i>International Journal of Pavement Engineering</i> , 1-15	2.6	2
3	A denoising method for pavement 3d data based on breakpoint interpolation and reference plane filtering. <i>Multimedia Tools and Applications</i> , 2021 , 80, 20803-20819	2.5	
2	Highway Event Detection Algorithm Based on Improved Fast Peak Clustering. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-13	1.1	
1	An Improved Cervical Cell Segmentation Method Based on Deep Convolutional Network. <i>Mathematical Problems in Engineering</i> , 2022 , 2022, 1-13	1.1	