Lichao Xu

List of Publications by Year
in descending order

9 papers	130 citations	1683354 5 h-index	1719596 7 g-index
9 all docs	9 docs citations	9 times ranked	122 citing authors

#	Article	IF	Citations
1	An Occupancy Grid Mapping enhanced visual SLAM for real-time locating applications in indoor GPS-denied environments. Automation in Construction, 2019, 104, 230-245.	4.8	59
2	Automatic extraction of 1D barcodes from video scans for drone-assisted inventory management in warehousing applications. International Journal of Logistics Research and Applications, 2018, 21, 243-258.	5.6	26
3	A scene-adaptive descriptor for visual SLAM-based locating applications in built environments. Automation in Construction, 2020, 112, 103067.	4.8	19
4	Framework for Modeling Interdependent Effects in Natural Disasters: Application to Wind Engineering. Journal of Structural Engineering, 2019, 145, .	1.7	12
5	Undrained cylindrical cavity expansion in modified cam-clay soil: A semi-analytical solution considering biaxial in-situ stresses. Computers and Geotechnics, 2021, 130, 103888.	2.3	7
6	Distributed Simulation Platforms and Data Passing Tools for Natural Hazards Engineering: Reviews, Limitations, and Recommendations. International Journal of Disaster Risk Science, 2021, 12, 617-634.	1.3	3
7	Enhancing Visual SLAM with Occupancy Grid Mapping for Real-Time Locating Applications in Indoor GPS-Denied Environments. , 2019, , .		2
8	Simple Run-Time Infrastructure (SRTI): An accessible distributed computing platform for interdisciplinary simulation. Journal of Computational Science, 2021, 55, 101455.	1.5	2
9	Automatic Barcode Extraction for Efficient Large-Scale Inventory Management. , 2017, , .		0