Bo Xiao

List of Publications by Year
in descending order

11 papers	244 citations	1307366 7 h-index	1474057 9 g-index
12 all docs	12 docs citations	12 times ranked	91 citing authors

#	Article	IF	Citations
1	Vision-based method for tracking workers by integrating deep learning instance segmentation in off-site construction. Automation in Construction, 2022, 136, 104148.	4.8	26
2	Prediction of human restorative experience for human-centered residential architecture design: A non-immersive VRâ€"DOE-based machine learning method. Automation in Construction, 2022, 136, 104189.	4.8	6
3	Deep Learning Image Captioning in Construction Management: A Feasibility Study. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	2.0	6
4	Development of an Image Data Set of Construction Machines for Deep Learning Object Detection. Journal of Computing in Civil Engineering, 2021, 35, .	2.5	64
5	Vision-Based Method Integrating Deep Learning Detection for Tracking Multiple Construction Machines. Journal of Computing in Civil Engineering, 2021, 35, .	2.5	49
6	A vision-based method for automatic tracking of construction machines at nighttime based on deep learning illumination enhancement. Automation in Construction, 2021, 127, 103721.	4.8	29
7	Vision-based method of automatically detecting construction video highlights by integrating machine tracking and CNN feature extraction. Automation in Construction, 2021, 129, 103817.	4.8	12
8	A semi-supervised learning detection method for vision-based monitoring of construction sites by integrating teacher-student networks and data augmentation. Advanced Engineering Informatics, 2021, 50, 101372.	4.0	17
9	Perceptions for Crane Operations. , 2019, , .		2
10	Two-Dimensional Visual Tracking in Construction Scenarios: A Comparative Study. Journal of Computing in Civil Engineering, 2018, 32, .	2.5	33
11	2D Part-Based Visual Tracking of Hydraulic Excavators. World Journal of Engineering and Technology, 2016, 04, 101-111.	0.3	0