

# Xianfei Yin

## 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.

11  
papers

242  
citations

4  
h-index

14  
g-index

14  
ext. papers

390  
ext. citations

6.5  
avg, IF

3.93  
L-index

#	Paper	IF	Citations
11	Automation for sewer pipe assessment: CCTV video interpretation algorithm and sewer pipe video assessment (SPVA) system development. <i>Automation in Construction</i> , <b>2021</b> , 125, 103622	9.6	2
10	Vision-based method of automatically detecting construction video highlights by integrating machine tracking and CNN feature extraction. <i>Automation in Construction</i> , <b>2021</b> , 129, 103817	9.6	3
9	Data-driven bi-level sewer pipe deterioration model: Design and analysis. <i>Automation in Construction</i> , <b>2020</b> , 116, 103181	9.6	10
8	Data-Driven Framework for Modeling Productivity of Closed-Circuit Television Recording Process for Sewer Pipes. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2020</b> , 146, 04020093	4.2	1
7	A BIM-based framework for operation and maintenance of utility tunnels. <i>Tunnelling and Underground Space Technology</i> , <b>2020</b> , 97, 103252	5.7	36
6	A deep learning-based framework for an automated defect detection system for sewer pipes. <i>Automation in Construction</i> , <b>2020</b> , 109, 102967	9.6	60
5	Bilevel Decision-Support Model for Bus-Route Optimization and Accessibility Improvement for Seniors. <i>Journal of Computing in Civil Engineering</i> , <b>2020</b> , 34, 04019057	5	1
4	Data-Driven Sewer Pipe Data Random Generation and Validation. <i>Journal of Construction Engineering and Management - ASCE</i> , <b>2020</b> , 146, 04020131	4.2	1
3	Clustering experts in linguistic environment: A hybrid method. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2019</b> , 37, 6983-7001	1.6	1
2	Building information modelling for off-site construction: Review and future directions. <i>Automation in Construction</i> , <b>2019</b> , 101, 72-91	9.6	121
1	Standard Closed-Circuit Television (CCTV) Collection Time Extraction of Sewer Pipes with Machine Learning Algorithm <b>2019</b> ,		3