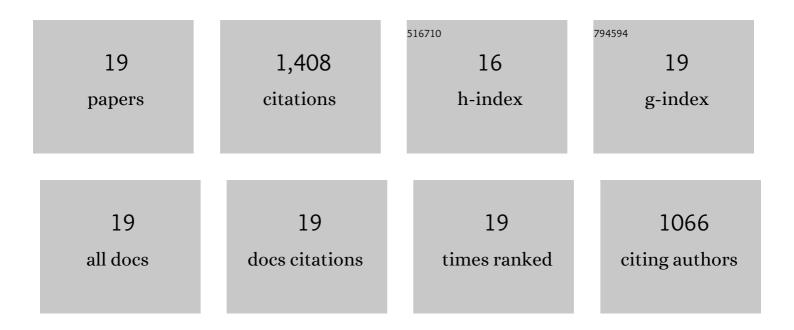
## **Ting Huang**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8831750/publications.pdf Version: 2024-02-01



ΤιΝΟ ΗΠΑΝΟ

#	Article	IF	CITATIONS
1	Proactive behavior-based safety management for construction safety improvement. Safety Science, 2015, 75, 107-117.	4.9	269
2	Practices and effectiveness of building information modelling in construction projects in China. Automation in Construction, 2015, 49, 113-122.	9.8	182
3	A virtual prototyping system for simulating construction processes. Automation in Construction, 2007, 16, 576-585.	9.8	123
4	Identifying and contextualising the motivations for BIM implementation in construction projects: An empirical study in China. International Journal of Project Management, 2017, 35, 658-669.	5.6	114
5	Towards efficient and objective work sampling: Recognizing workers' activities in site surveillance videos with two-stream convolutional networks. Automation in Construction, 2018, 94, 360-370.	9.8	90
6	Toward low-carbon construction processes: the visualisation of predicted emission via virtual prototyping technology. Automation in Construction, 2013, 33, 72-78.	9.8	88
7	Integrating design and construction through virtual prototyping. Automation in Construction, 2008, 17, 915-922.	9.8	84
8	Strengths, Weaknesses, Opportunities, and Threats Analysis of Chinese Construction Companies in the Global Market. Journal of Management in Engineering - ASCE, 2009, 25, 166-176.	4.8	74
9	Rethinking prefabricated construction management using the VPâ€based IKEA model in Hong Kong. Construction Management and Economics, 2011, 29, 233-245.	3.0	74
10	Optimizing construction planning schedules by virtual prototyping enabled resource analysis. Automation in Construction, 2009, 18, 912-918.	9.8	66
11	Chirp-spread-spectrum-based real time location system for construction safety management: A case study. Automation in Construction, 2015, 55, 58-65.	9.8	44
12	Virtual prototyping for planning bridge construction. Automation in Construction, 2012, 27, 1-10.	9.8	42
13	Manifesting construction activity scenes via image captioning. Automation in Construction, 2020, 119, 103334.	9.8	40
14	Rethinking project management and exploring virtual design and construction as a potential solution. Construction Management and Economics, 2009, 27, 363-371.	3.0	39
15	A field experiment of workers' responses to proximity warnings of static safety hazards on construction sites. Safety Science, 2016, 84, 216-224.	4.9	34
16	A 4D automatic simulation tool for construction resource planning: a case study. Engineering, Construction and Architectural Management, 2015, 22, 536-550.	3.1	17
17	Construction virtual prototyping: a survey of use. Construction Innovation, 2009, 9, 420-433.	2.7	15
18	Supporting preâ€ŧender construction planning with virtual prototyping. Engineering, Construction and Architectural Management, 2009, 16, 150-161.	3.1	9

#	Article	IF	CITATIONS
19	Virtual Prototyping for Construction Site Co2 Emissions and Hazard Detection. International Journal of Advanced Robotic Systems, 2014, 11, 130.	2.1	4