

Ting Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8831750/publications.pdf>

Version: 2024-02-01

19
papers

1,408
citations

516710

16
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1066
citing authors

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