

Meng-Han Tsai

List of Publications by Citations

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Version: 2024-04-26

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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.

32
papers

573
citations

13
h-index

23
g-index

33
ext. papers

716
ext. citations

4.7
avg, IF

4.2
L-index

#	Paper	IF	Citations
32	A review of rotorcraft Unmanned Aerial Vehicle (UAV) developments and applications in civil engineering. <i>Smart Structures and Systems</i> , 2014 , 13, 1065-1094		160
31	On-Site Building Information Retrieval by Using Projection-Based Augmented Reality. <i>Journal of Computing in Civil Engineering</i> , 2012 , 26, 342-355	5	60
30	Developing critical success factors for the assessment of BIM technology adoption: part I. Methodology and survey 2014 , 37, 845-858		45
29	A user-centered information and communication technology (ICT) tool to improve safety inspections. <i>Automation in Construction</i> , 2014 , 48, 53-63	9.6	29
28	Developing critical success factors for the assessment of BIM technology adoption: Part II. Analysis and results 2014 , 37, 859-868		26
27	Using Augmented Reality in a Multiscreen Environment for Construction Discussion. <i>Journal of Computing in Civil Engineering</i> , 2015 , 29, 04014088	5	23
26	Game-based education for disaster prevention. <i>AI and Society</i> , 2015 , 30, 463-475	2.1	20
25	A framework of information visualization for multi-system construction. <i>Automation in Construction</i> , 2011 , 20, 247-262	9.6	20
24	V3DM+: BIM interactive collaboration system for facility management. <i>Visualization in Engineering</i> , 2016 , 4,	3	20
23	Lessons learnt from customization of a BIM tool for a design-build company 2014 , 37, 189-199		19
22	Filtering disaster responses using crowdsourcing. <i>Automation in Construction</i> , 2018 , 91, 182-192	9.6	18
21	Exploring the effects of a serious game-based learning package for disaster prevention education: The case of Battle of Flooding Protection. <i>International Journal of Disaster Risk Reduction</i> , 2020 , 43, 101393	4.5	18
20	Ask Diana: A Keyword-Based Chatbot System for Water-Related Disaster Management. <i>Water (Switzerland)</i> , 2019 , 11, 234	3	16
19	A three-stage framework for introducing a 4D tool in large consulting firms. <i>Advanced Engineering Informatics</i> , 2010 , 24, 476-489	7.4	12
18	The effectiveness of a flood protection computer game for disaster education. <i>Visualization in Engineering</i> , 2015 , 3,	3	11
17	Question-answering dialogue system for emergency operations. <i>International Journal of Disaster Risk Reduction</i> , 2019 , 41, 101313	4.5	10
16	Image-based semantic construction reconstruction. <i>Automation in Construction</i> , 2018 , 90, 67-78	9.6	9

15	Workflow re-engineering of design-build projects using a BIM tool 2014 , 37, 88-102		9
14	Development of a Project-Based Online Course for BIM Learning. <i>Sustainability</i> , 2019 , 11, 5772	3.6	8
13	Data-Augmented Hybrid Named Entity Recognition for Disaster Management by Transfer Learning. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4234	2.6	7
12	Conversation-Based School Building Inspection Support System. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3739	2.6	6
11	A visual tool for accessibility study of pipeline maintenance during design. <i>Visualization in Engineering</i> , 2014 , 2,	3	5
10	Four-Stage Framework for Implementing a Chatbot System in Disaster Emergency Operation Data Management: A Flood Disaster Management Case Study. <i>KSCE Journal of Civil Engineering</i> , 2021 , 25, 503-515	1.9	5
9	The iHelmet: An AR-Enhanced Wearable Display for BIM Information	149-168	4
8	A Peer Review System for BIM Learning. <i>Sustainability</i> , 2019 , 11, 5747	3.6	3
7	Conversation-Based Information Delivery Method for Facility Management. <i>Sensors</i> , 2021 , 21,	3.8	3
6	Teleyes: A telepresence system based on stereoscopic vision and head motion tracking. <i>Automation in Construction</i> , 2018 , 89, 199-213	9.6	2
5	Historical Typhoon Search Engine Based on Track Similarity. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	2
4	A Chatbot System to Support Mine Safety Procedures during Natural Disasters. <i>Sustainability</i> , 2021 , 13, 654	3.6	2
3	ACS: Construction Data Auto-Correction System Taiwan Public Construction Data Example. <i>Sustainability</i> , 2021 , 13, 362	3.6	1
2	SEMA: A Site Equipment Management Assistant for Construction Management. <i>KSCE Journal of Civil Engineering</i> , 1	1.9	0
1	EDM: An ensemble decision method for introducing meteorological forecast uncertainty into the disaster response decision process. <i>International Journal of Disaster Risk Reduction</i> , 2022 , 72, 102848	4.5	