

Meng-Han Tsai

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

883
citations

623574

14
h-index

477173

29
g-index

33
all docs

33
docs citations

33
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of rotorcraft Unmanned Aerial Vehicle (UAV) developments and applications in civil engineering. <i>Smart Structures and Systems</i> , 2014, 13, 1065-1094.	1.9	268
2	On-Site Building Information Retrieval by Using Projection-Based Augmented Reality. <i>Journal of Computing in Civil Engineering</i> , 2012, 26, 342-355.	2.5	82
3	Developing critical success factors for the assessment of BIM technology adoption: part I. Methodology and survey. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2014, 37, 845-858.	0.6	66
4	A user-centered information and communication technology (ICT) tool to improve safety inspections. <i>Automation in Construction</i> , 2014, 48, 53-63.	4.8	39
5	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.	1.8	39
6	Using Augmented Reality in a Multiscreen Environment for Construction Discussion. <i>Journal of Computing in Civil Engineering</i> , 2015, 29, .	2.5	38
7	Developing critical success factors for the assessment of BIM technology adoption: Part II. Analysis and results. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2014, 37, 859-868.	0.6	35
8	Game-based education for disaster prevention. <i>AI and Society</i> , 2015, 30, 463-475.	3.1	30
9	V3DM+: BIM interactive collaboration system for facility management. <i>Visualization in Engineering</i> , 2016, 4, .	8.8	30
10	Filtering disaster responses using crowdsourcing. <i>Automation in Construction</i> , 2018, 91, 182-192.	4.8	26
11	A framework of information visualization for multi-system construction. <i>Automation in Construction</i> , 2011, 20, 247-262.	4.8	24
12	Lessons learnt from customization of a BIM tool for a design-build company. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2014, 37, 189-199.	0.6	22
13	Ask Diana: A Keyword-Based Chatbot System for Water-Related Disaster Management. <i>Water (Switzerland)</i> , 2019, 11, 234.	1.2	22
14	The effectiveness of a flood protection computer game for disaster education. <i>Visualization in Engineering</i> , 2015, 3, .	8.8	16
15	Question-answering dialogue system for emergency operations. <i>International Journal of Disaster Risk Reduction</i> , 2019, 41, 101313.	1.8	16
16	Image-based semantic construction reconstruction. <i>Automation in Construction</i> , 2018, 90, 67-78.	4.8	15
17	Development of a Project-Based Online Course for BIM Learning. <i>Sustainability</i> , 2019, 11, 5772.	1.6	15
18	A three-stage framework for introducing a 4D tool in large consulting firms. <i>Advanced Engineering Informatics</i> , 2010, 24, 476-489.	4.0	14

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19	Workflow re-engineering of design-build projects using a BIM tool. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2014, 37, 88-102.	0.6	13
20	Conversation-Based School Building Inspection Support System. Applied Sciences (Switzerland), 2020, 10, 3739.	1.3	10
21	Conversation-Based Information Delivery Method for Facility Management. Sensors, 2021, 21, 4771.	2.1	10
22	Data-Augmented Hybrid Named Entity Recognition for Disaster Management by Transfer Learning. Applied Sciences (Switzerland), 2020, 10, 4234.	1.3	9
23	Four-Stage Framework for Implementing a Chatbot System in Disaster Emergency Operation Data Management: A Flood Disaster Management Case Study. KSCE Journal of Civil Engineering, 2021, 25, 503-515.	0.9	8
24	A visual tool for accessibility study of pipeline maintenance during design. Visualization in Engineering, 2014, 2, .	8.8	7
25	A Chatbot System to Support Mine Safety Procedures during Natural Disasters. Sustainability, 2021, 13, 654.	1.6	6
26	SEMA: A Site Equipment Management Assistant for Construction Management. KSCE Journal of Civil Engineering, 0, , 1.	0.9	6
27	A Peer Review System for BIM Learning. Sustainability, 2019, 11, 5747.	1.6	5
28	ACS: Construction Data Auto-Correction System—Taiwan Public Construction Data Example. Sustainability, 2021, 13, 362.	1.6	3
29	Teleyes: A telepresence system based on stereoscopic vision and head motion tracking. Automation in Construction, 2018, 89, 199-213.	4.8	2
30	Historical Typhoon Search Engine Based on Track Similarity. International Journal of Environmental Research and Public Health, 2019, 16, 4879.	1.2	2
31	Rainfall Thresholds and Flood Warnings: A Case Study in New Taipei City. , 2014, , .		0
32	EDM: An ensemble decision method for introducing meteorological forecast uncertainty into the disaster response decision process. International Journal of Disaster Risk Reduction, 2022, 72, 102848.	1.8	0