Wen-Der Yu

List of Publications by Year
in descending order

34 papers	844 citations	516710 16 h-index	477307 29 g-index
34 all docs	34 docs citations	34 times ranked	646 citing authors

#	Article	IF	Citations
1	Empirical Comparison of Learning Effectiveness of Immersive Virtual Realityâ€"Based Safety Training for Novice and Experienced Construction Workers. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	3.8	11
2	A Quantity-Based Method to Predict More Accurate Project Completion Time. KSCE Journal of Civil Engineering, 2020, 24, 2861-2875.	1.9	5
3	Pretendering Decision Model for Contractor Selection of Public Procurement Projects. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	3.8	7
4	The Use of a Multiple Risk Level Model to Tackle the Duration of Risk for Construction Activity. KSCE Journal of Civil Engineering, 2019, 23, 2397-2408.	1.9	5
5	Correlation between intellectual capital and business performance of construction industry â€" an empirical study in Taiwan. International Journal of Construction Management, 2018, 18, 232-246.	3.2	15
6	Determination of Project Procurement Method with a Graphical Analytic Model. Sustainability, 2018, 10, 3583.	3.2	5
7	Measuring the Sustainability of Construction Projects throughout Their Lifecycle: A Taiwan Lesson. Sustainability, 2018, 10, 1523.	3.2	70
8	Green innovation of green roof technology â€•a case study. Materialwissenschaft Und Werkstofftechnik, 2017, 48, 420-429.	0.9	17
9	Developing a general model for construction problem solving for an engineering consulting firm. KSCE Journal of Civil Engineering, 2016, 20, 2143-2153.	1.9	3
10	GAâ€based multi-level association rule mining approach for defect analysis in the construction industry. Automation in Construction, 2015, 51, 78-91.	9.8	66
11	Benefit Analysis of Knowledge Management System for Engineering Consulting Firms. Journal of Management in Engineering - ASCE, 2014, 30, 05014005.	4.8	9
12	Pricing Strategy for Best Value Tender. Journal of Construction Engineering and Management - ASCE, 2013, 139, 675-684.	3.8	12
13	Enhanced function modeling for early assessment of conceptual innovative construction technologies. Automation in Construction, 2013, 36, 180-190.	9.8	2
14	APPLYING THE AHP TO SUPPORT THE BEST-VALUE CONTRACTOR SELECTION â€" LESSONS LEARNED FROM TWO CASE STUDIES IN TAIWAN. Journal of Civil Engineering and Management, 2013, 19, 24-36.	3.5	54
15	Content-based text mining technique for retrieval of CAD documents. Automation in Construction, 2013, 31, 65-74.	9.8	59
16	Is the Knowledge Management System Truly Cost Effective? Case Study of KM-Enabled Engineering Problem Solving. Journal of Construction Engineering and Management - ASCE, 2013, 139, 216-224.	3.8	4
17	Neuroâ€Fuzzy Cost Estimation Model Enhanced by Fast Messy Genetic Algorithms for Semiconductor Hookup Construction. Computer-Aided Civil and Infrastructure Engineering, 2012, 27, 764-781.	9.8	57
18	A self-evolutionary model for automated innovation of construction technologies. Automation in Construction, 2012, 27, 78-88.	9.8	18

#	Article	IF	Citations
19	Best Value or Lowest Bid? A Quantitative Perspective. Journal of Construction Engineering and Management - ASCE, 2012, 138, 128-134.	3.8	36
20	An integrated proactive knowledge management model for enhancing engineering services. Automation in Construction, 2012, 24, 81-88.	9.8	19
21	Model for analysis of heterogeneity in product acquisition procurement. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2011, 34, 877-887.	1.1	2
22	A pilot study of A+C method for reducing GHG emissions in construction industry. , 2011, , .		0
23	Proactive problem-solver for construction. Automation in Construction, 2010, 19, 808-816.	9.8	12
24	Integrating Neurofuzzy System with Conceptual Cost Estimation to Discover Cost-Related Knowledge from Residential Construction Projects. Journal of Computing in Civil Engineering, 2010, 24, 35-44.	4.7	27
25	Closure to â€œHybrid Soft Computing Approach for Mining of Complex Construction Databasesâ€•by Wen-Der Yu. Journal of Computing in Civil Engineering, 2009, 23, 137-138.	4.7	0
26	Improving AHP for construction with an adaptive AHP approach (A3). Automation in Construction, 2008, 17, 180-187.	9.8	119
27	Hybrid Soft Computing Approach for Mining of Complex Construction Databases. Journal of Computing in Civil Engineering, 2007, 21, 343-352.	4.7	16
28	PIREM: a new model for conceptual cost estimation. Construction Management and Economics, 2006, 24, 259-270.	3.0	25
29	A WICE approach to real-time construction cost estimation. Automation in Construction, 2006, 15, 12-19.	9.8	25
30	A VaFALCON neuro-fuzzy system for mining of incomplete construction databases. Automation in Construction, 2006, 15, 20-32.	9.8	17
31	Hybridization of CBR and numeric soft computing techniques for mining of scarce construction databases. Automation in Construction, 2006, 15, 33-46.	9.8	40
32	A neuro-fuzzy computational approach to constructability knowledge acquisition for construction technology evaluation. Automation in Construction, 1999, 8, 539-552.	9.8	36
33	Quantitative constructability analysis with a neuro-fuzzy knowledge-based multi-criterion decision support system. Automation in Construction, 1999, 8, 553-565.	9.8	48
34	WICE: a Web-based intelligent cost estimator for real-time decision support. , 0, , .		3