

# Wen-Der Yu

## List of Publications by Year in descending order

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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	Improving AHP for construction with an adaptive AHP approach (A3). Automation in Construction, 2008, 17, 180-187.	9.8	119
2	Measuring the Sustainability of Construction Projects throughout Their Lifecycle: A Taiwan Lesson. Sustainability, 2018, 10, 1523.	3.2	70
3	GA-based multi-level association rule mining approach for defect analysis in the construction industry. Automation in Construction, 2015, 51, 78-91.	9.8	66
4	Content-based text mining technique for retrieval of CAD documents. Automation in Construction, 2013, 31, 65-74.	9.8	59
5	Neuro-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
6	APPLYING THE AHP TO SUPPORT THE BEST-VALUE CONTRACTOR SELECTION " LESSONS LEARNED FROM TWO CASE STUDIES IN TAIWAN. Journal of Civil Engineering and Management, 2013, 19, 24-36.	3.5	54
7	Quantitative constructability analysis with a neuro-fuzzy knowledge-based multi-criterion decision support system. Automation in Construction, 1999, 8, 553-565.	9.8	48
8	Hybridization of CBR and numeric soft computing techniques for mining of scarce construction databases. Automation in Construction, 2006, 15, 33-46.	9.8	40
9	A neuro-fuzzy computational approach to constructability knowledge acquisition for construction technology evaluation. Automation in Construction, 1999, 8, 539-552.	9.8	36
10	Best Value or Lowest Bid? A Quantitative Perspective. Journal of Construction Engineering and Management - ASCE, 2012, 138, 128-134.	3.8	36
11	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
12	PIREM: a new model for conceptual cost estimation. Construction Management and Economics, 2006, 24, 259-270.	3.0	25
13	A WICE approach to real-time construction cost estimation. Automation in Construction, 2006, 15, 12-19.	9.8	25
14	An integrated proactive knowledge management model for enhancing engineering services. Automation in Construction, 2012, 24, 81-88.	9.8	19
15	A self-evolutionary model for automated innovation of construction technologies. Automation in Construction, 2012, 27, 78-88.	9.8	18
16	A VaFALCON neuro-fuzzy system for mining of incomplete construction databases. Automation in Construction, 2006, 15, 20-32.	9.8	17
17	Green innovation of green roof technology "a case study. Materialwissenschaft Und Werkstofftechnik, 2017, 48, 420-429.	0.9	17
18	Hybrid Soft Computing Approach for Mining of Complex Construction Databases. Journal of Computing in Civil Engineering, 2007, 21, 343-352.	4.7	16

#	ARTICLE	IF	CITATIONS
19	Correlation between intellectual capital and business performance of construction industry – an empirical study in Taiwan. International Journal of Construction Management, 2018, 18, 232-246.	3.2	15
20	Proactive problem-solver for construction. Automation in Construction, 2010, 19, 808-816.	9.8	12
21	Pricing Strategy for Best Value Tender. Journal of Construction Engineering and Management - ASCE, 2013, 139, 675-684.	3.8	12
22	Empirical Comparison of Learning Effectiveness of Immersive Virtual Reality–Based Safety Training for Novice and Experienced Construction Workers. Journal of Construction Engineering and Management - ASCE, 2022, 148, .	3.8	11
23	Benefit Analysis of Knowledge Management System for Engineering Consulting Firms. Journal of Management in Engineering - ASCE, 2014, 30, 05014005.	4.8	9
24	Pretendering Decision Model for Contractor Selection of Public Procurement Projects. Journal of Construction Engineering and Management - ASCE, 2020, 146, .	3.8	7
25	Determination of Project Procurement Method with a Graphical Analytic Model. Sustainability, 2018, 10, 3583.	3.2	5
26	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
27	A Quantity-Based Method to Predict More Accurate Project Completion Time. KSCE Journal of Civil Engineering, 2020, 24, 2861-2875.	1.9	5
28	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
29	WICE: a Web-based intelligent cost estimator for real-time decision support. , 0, , .		3
30	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
31	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 Hsueh K'uan, 2011, 34, 877-887.	1.1	2
32	Enhanced function modeling for early assessment of conceptual innovative construction technologies. Automation in Construction, 2013, 36, 180-190.	9.8	2
33	Closure to –Hybrid Soft Computing Approach for Mining of Complex Construction Databases–by Wen-Der Yu. Journal of Computing in Civil Engineering, 2009, 23, 137-138.	4.7	0
34	A pilot study of A+C method for reducing GHG emissions in construction industry. , 2011, , .		0