

# Ren-Jye Dzeng

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,052  
citations

471509

17  
h-index

414414

32  
g-index

40  
all docs

40  
docs citations

40  
times ranked

932  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Automated IoT Visualization BIM Platform for Decision Support in Facilities Management. Applied Sciences (Switzerland), 2018, 8, 1086.	2.5	52
2	CONCEPTUAL COST ESTIMATIONS USING NEURO-FUZZY AND MULTI-FACTOR EVALUATION METHODS FOR BUILDING PROJECTS. Journal of Civil Engineering and Management, 2017, 23, 1-14.	3.5	21
3	C-Negotiation Game: An educational game model for construction procurement and negotiation. Automation in Construction, 2017, 75, 10-21.	9.8	13
4	Accelerometer-based fall-porment detection algorithm for construction tiling operation. Automation in Construction, 2017, 84, 214-230.	9.8	48
5	Educational Games on Procurement and Negotiation: Perspectives of Learning Effectiveness and Game Strategies. Journal of Professional Issues in Engineering Education and Practice, 2016, 142, .	0.9	4
6	Using eye-tracker to compare search patterns between experienced and novice workers for site hazard identification. Safety Science, 2016, 82, 56-67.	4.9	128
7	3D game-based training system for hazard identification on construction site. , 2015, , .		13
8	An Activity-Based Simulation Model for Assessing Function Space Assignment for Buildings: A Service Performance Perspective. Computer-Aided Civil and Infrastructure Engineering, 2015, 30, 935-950.	9.8	9
9	FUNCTION-SPACE ASSIGNMENT AND MOVEMENT SIMULATION MODEL FOR BUILDING RENOVATION. Journal of Civil Engineering and Management, 2015, 21, 578-590.	3.5	9
10	Quantitative evaluation of the impact of night shifts and alcohol consumption on construction tiling quality. Applied Ergonomics, 2015, 50, 226-236.	3.1	5
11	A Smartphone-based Detection of Fall Portents for Construction Workers. Procedia Engineering, 2014, 85, 147-156.	1.2	13
12	APPLICATION OF PROJECT-BASED CHANGE MANAGEMENT IN CONSTRUCTION: A CASE STUDY. Journal of Civil Engineering and Management, 2014, 21, 107-118.	3.5	10
13	Building a construction procurement negotiation training game model: Learning experiences and outcomes. British Journal of Educational Technology, 2014, 45, 1115-1135.	6.3	20
14	Application of RFID tracking to the optimization of function-space assignment in buildings. Automation in Construction, 2014, 40, 68-83.	9.8	17
15	A feasibility study of using smartphone built-in accelerometers to detect fall portents. Automation in Construction, 2014, 38, 74-86.	9.8	68
16	Current market development of energy performance contracting. Journal of Property Investment and Finance, 2014, 32, 371-395.	1.4	5
17	Efficiency measurement of the construction industry in Taiwan: a stochastic frontier cost function approach. Construction Management and Economics, 2013, 31, 335-344.	3.0	6
18	The Cost Efficiency of Construction Industry in Taiwan. Open Construction and Building Technology Journal, 2012, 6, 8-16.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Design of Track Alignment Using Building Information Modeling. Journal of Transportation Engineering, 2011, 137, 823-830.	0.9	24
20	Decision Making Behaviors in Planning Green Buildings. , 2011, , .		2
21	Simply Level Recalculation Using Statistical Approach. Applied Mechanics and Materials, 2011, 58-60, 1294-1299.	0.2	0
22	Construction safety training via e-Learning: Learning effectiveness and user satisfaction. Computers and Education, 2010, 55, 858-867.	8.3	108
23	A hybrid system for planning the development level of resort. Expert Systems With Applications, 2009, 36, 6266-6275.	7.6	4
24	A study of ontology-based risk management framework of construction projects through project life cycle. Automation in Construction, 2009, 18, 994-1008.	9.8	133
25	Tile Renovation of Exterior Walls for the Taiwan Governor's Office. Architectural Science Review, 2007, 50, 256-264.	2.2	0
26	Activity and value orientated decision support for the development planning of a theme park. Expert Systems With Applications, 2007, 33, 923-935.	7.6	13
27	Optimizing the development schedule of resort projects by integrating simulation and genetic algorithm. International Journal of Project Management, 2007, 25, 506-516.	5.6	24
28	Integration of Simulation-Based Cost Model and Multi-Criteria Evaluation Model for Bid Price Decisions. Computer-Aided Civil and Infrastructure Engineering, 2007, 22, 223-235.	9.8	33
29	Learning heuristics for determining slurry wall panel lengths. Automation in Construction, 2006, 15, 303-313.	9.8	5
30	Identifying a Design Management Package to Support Concurrent Design in Building Wafer Fabrication Facilities. Journal of Construction Engineering and Management - ASCE, 2006, 132, 606-614.	3.8	8
31	Learning search keywords for construction procurement. Automation in Construction, 2005, 14, 45-58.	9.8	7
32	Mobile Construction Supply Chain Management Using PDA and Bar Codes. Computer-Aided Civil and Infrastructure Engineering, 2005, 20, 242-264.	9.8	52
33	Searching for Better Negotiation Agreement Based on Genetic Algorithm. Computer-Aided Civil and Infrastructure Engineering, 2005, 20, 280-293.	9.8	9
34	Evaluating project teaming strategies for construction of Taipei 101 using resource-based theory. International Journal of Project Management, 2005, 23, 483-491.	5.6	33
35	Critiquing contractors' scheduling by integrating rule-based and case-based reasoning. Automation in Construction, 2004, 13, 665-678.	9.8	25
36	Intelligent agents for supporting construction procurement negotiation. Expert Systems With Applications, 2004, 27, 107-119.	7.6	58

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37	Product modeling to support case-based construction planning and scheduling. Automation in Construction, 2004, 13, 341-360.	9.8	31
38	Automatic schedule integration for highway projects. Automation in Construction, 2003, 12, 447-461.	9.8	3
39	Boiler Erection Scheduling Using Product Models and Case-Based Reasoning. Journal of Construction Engineering and Management - ASCE, 1997, 123, 338-347.	3.8	32
40	Learning construction-planning knowledge from experience. , 0, , .		0