

Patrick X W Zou

List of Publications by Year in descending order

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71
papers

3,881
citations

117619
34
h-index

123420
61
g-index

72
all docs

72
docs citations

72
times ranked

2975
citing authors

#	ARTICLE	IF	CITATIONS
1	System dynamics analytical modeling approach for construction project management research: A critical review and future directions. <i>Frontiers of Engineering Management</i> , 2021, 8, 17-31.	6.1	18
2	Fuzzy Logic-Based Method for Risk Assessment of Belt and Road Infrastructure Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019, 145, .	3.8	29
3	Energy saving performance assessment and lessons learned from the operation of an active phase change materials system in a multi-storey building in Melbourne. <i>Applied Energy</i> , 2019, 238, 1582-1595.	10.1	53
4	A science mapping approach based review of construction safety research. <i>Safety Science</i> , 2019, 113, 285-297.	4.9	173
5	Government championed strategies to overcome the barriers to public building energy efficiency retrofit projects. <i>Sustainable Cities and Society</i> , 2019, 44, 56-69.	10.4	87
6	Why do individuals engage in collective actions against major construction projects? – An empirical analysis based on Chinese data. <i>International Journal of Project Management</i> , 2018, 36, 612-626.	5.6	35
7	Towards integrating construction risk management and stakeholder management: A systematic literature review and future research agendas. <i>International Journal of Project Management</i> , 2018, 36, 701-715.	5.6	118
8	A mixed methods design for building occupants' energy behavior research. <i>Energy and Buildings</i> , 2018, 166, 239-249.	6.7	42
9	From Paper-Based to Cloud-Based Safety Information System in Infrastructure Construction Projects. , 2018, , 819-833.		0
10	Role of financial mechanisms for accelerating the rate of water and energy efficiency retrofits in Australian public buildings: Hybrid Bayesian Network and System Dynamics modelling approach. <i>Applied Energy</i> , 2018, 210, 409-419.	10.1	58
11	Guidelines, barriers and strategies for energy and water retrofits of public buildings. <i>Journal of Cleaner Production</i> , 2018, 174, 1064-1078.	9.3	55
12	A Feasibility Study on HPMC-Improved Sulphoaluminate Cement for 3D Printing. <i>Materials</i> , 2018, 11, 2415.	2.9	27
13	Impact of Attitudinal Ambivalence on Safety Behaviour in Construction. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-12.	0.7	15
14	Review of 10 years research on building energy performance gap: Life-cycle and stakeholder perspectives. <i>Energy and Buildings</i> , 2018, 178, 165-181.	6.7	143
15	Mitigation of heat stress risks through building energy efficiency upgrade: a case study of Melbourne, Australia. <i>Australian Journal of Civil Engineering</i> , 2018, 16, 64-78.	1.6	11
16	A hybrid BN-HFACS model for predicting safety performance in construction projects. <i>Safety Science</i> , 2018, 101, 332-343.	4.9	114
17	Evaluating the passive and free cooling application methods of phase change materials in residential buildings: A comparative study. <i>Energy and Buildings</i> , 2017, 148, 238-256.	6.7	35
18	A Comparative Study on the Effectiveness of Passive and Free Cooling Application Methods of Phase Change Materials for Energy Efficient Retrofitting in Residential Buildings. <i>Procedia Engineering</i> , 2017, 180, 993-1002.	1.2	22

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19	Cloud-based safety information and communication system in infrastructure construction. <i>Safety Science</i> , 2017, 98, 50-69.	4.9	63
20	How safety leadership works among owners, contractors and subcontractors in construction projects. <i>International Journal of Project Management</i> , 2016, 34, 789-805.	5.6	100
21	A Lifecycle Cost-Benefit Analysis of Low-Carbon Powerhouses in Buildings in China. , 2016, , .		0
22	State-of-the-art review revealing a roadmap for public building water and energy efficiency retrofit projects. <i>International Journal of Sustainable Built Environment</i> , 2016, 5, 526-548.	3.2	35
23	An agent based environmental impact assessment of building demolition waste management: Conventional versus green management. <i>Journal of Cleaner Production</i> , 2016, 133, 1136-1153.	9.3	102
24	Critical factors and paths influencing construction workers's safety risk tolerances. <i>Accident Analysis and Prevention</i> , 2016, 93, 267-279.	5.7	124
25	Modelling the correlation between building energy ratings and heat-related mortality and morbidity. <i>Sustainable Cities and Society</i> , 2016, 22, 29-39.	10.4	33
26	Building integrated photovoltaics (BIPV): costs, benefits, risks, barriers and improvement strategy. <i>International Journal of Construction Management</i> , 2016, 16, 39-53.	3.2	66
27	Modelling stakeholder-associated risk networks in green building projects. <i>International Journal of Project Management</i> , 2016, 34, 66-81.	5.6	164
28	A Simulation Study of Passively Heated Residential Buildings. <i>Procedia Engineering</i> , 2015, 121, 749-756.	1.2	3
29	Musculoskeletal health and safety of aged workers in manual handling works. , 2015, , .		3
30	Effects of Contract Strategy on Interpersonal Relations and Project Outcomes of Public-Sector Construction Contracts in Australia. <i>Journal of Management in Engineering - ASCE</i> , 2015, 31, .	4.8	16
31	Achieving Building Sustainability through the Application of Information Systems and Stakeholder Alignment. , 2014, , .		1
32	A mixed methods research design for bridging the gap between research and practice in construction safety. <i>Safety Science</i> , 2014, 70, 316-326.	4.9	92
33	Drivers and barriers to adopting relational contracting practices in public projects: Comparative study of Beijing and Sydney. <i>International Journal of Project Management</i> , 2014, 32, 275-285.	5.6	71
34	Does Expectation Match Reality? Examination of Risk Management Education in China. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2014, 140, 04014002.	0.9	2
35	Developing Students's Intercultural Competence. , 2014, , 1047-1056.		1
36	Disaggregation of Household Energy Consumption Patterns in Australia. , 2014, , 151-158.		1

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37	Skills for managing safety risk, implementing safety task, and developing positive safety climate in construction project. <i>Automation in Construction</i> , 2013, 34, 92-100.	9.8	72
38	Output-based specifications for PPP projects: lessons for facilities management from Australia. <i>Journal of Facilities Management</i> , 2013, 11, 5-30.	1.8	39
39	Conceptualizing Safety Management in Construction Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2013, 139, 1144-1153.	3.8	27
40	Managing Project Risk at the Enterprise Level: Exploratory Case Studies in China. <i>Journal of Construction Engineering and Management - ASCE</i> , 2013, 139, 1268-1274.	3.8	34
41	Relationships Among Contracting Parties and Their Effects On Outcomes of Public Construction Projects in China. , 2013, , .		0
42	The roles of emotional intelligence, interpersonal skill, and transformational leadership on improving construction safety performance. <i>Construction Economics and Building</i> , 2013, 13, 97-113.	0.9	28
43	Political Skill for Developing Construction Safety Climate. <i>Journal of Construction Engineering and Management - ASCE</i> , 2012, 138, 605-612.	3.8	93
44	Managing risks in green building supply chain. <i>Architectural Engineering and Design Management</i> , 2012, 8, 143-158.	1.7	64
45	How project manager's skills may influence the development of safety climate in construction projects. <i>International Journal of Project Organisation and Management</i> , 2012, 4, 286.	0.1	29
46	Fuzzy AHP-Based Risk Assessment Methodology for PPP Projects. <i>Journal of Construction Engineering and Management - ASCE</i> , 2011, 137, 1205-1209.	3.8	136
47	CHPT construct: essential skills for construction project managers. <i>International Journal of Project Organisation and Management</i> , 2011, 3, 139.	0.1	19
48	Fostering a Strong Construction Safety Culture. <i>Leadership and Management in Engineering</i> , 2011, 11, 11-22.	0.3	58
49	Risk factor analysis of the Chinese building energy efficiency market using system dynamics methodology. <i>International Journal of Project Organisation and Management</i> , 2011, 3, 352.	0.1	2
50	Understanding and Improving Your Risk Management Capability: Assessment Model for Construction Organizations. <i>Journal of Construction Engineering and Management - ASCE</i> , 2010, 136, 854-863.	3.8	87
51	Lessons Learned from Managing the Design of the "Water Cube"™ National Swimming Centre for the Beijing 2008 Olympic Games. <i>Architectural Engineering and Design Management</i> , 2010, 6, 175-188.	1.7	2
52	Risk identification and assessment in subway projects: case study of Nanjing Subway Line 2. <i>Construction Management and Economics</i> , 2010, 28, 1219-1238.	3.0	63
53	Comparative Study on the Perception of Construction Safety Risks in China and Australia. <i>Journal of Construction Engineering and Management - ASCE</i> , 2009, 135, 620-627.	3.8	71
54	Managing Risks in Construction Projects: Life Cycle and Stakeholder Perspectives. <i>International Journal of Construction Management</i> , 2009, 9, 61-77.	3.2	58

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55	Case Studies on Risk and Opportunity at Design Stage of Building Projects in Australia: Focus on Safety. Architectural Engineering and Design Management, 2008, 4, 221-238.	1.7	21
56	A life-cycle risk management framework for PPP infrastructure projects. Journal of Financial Management of Property and Construction, 2008, 13, 123-142.	1.4	118
57	Risk Identification and Assessment in PPP Infrastructure Projects using Fuzzy Analytical Hierarchy Process and Life-Cycle Methodology. Construction Economics and Building, 2008, 8, 34-48.	0.9	14
58	Disintegration Characteristics of Red Sandstone and Its Filling Methods for Highway Roadbed and Embankment. Journal of Materials in Civil Engineering, 2007, 19, 404-410.	2.9	37
59	Fuzzy Analytical Hierarchy Process Risk Assessment Approach for Joint Venture Construction Projects in China. Journal of Construction Engineering and Management - ASCE, 2007, 133, 771-779.	3.8	109
60	Time-dependent behaviour of concrete beams pretensioned by carbon fibre-reinforced polymers (CFRP) tendons. Construction and Building Materials, 2007, 21, 777-788.	7.2	14
61	Understanding the key risks in construction projects in China. International Journal of Project Management, 2007, 25, 601-614.	5.6	592
62	Group Assignments and Teamwork Skills Development in Postgraduate Construction Management Studies. Architectural Engineering and Design Management, 2006, 2, 203-215.	1.7	7
63	Different Perspectives Towards Using Web-Based Project Management Systems in Construction: Large Enterprises Versus Small- and Medium-Sized Enterprises. Architectural Engineering and Design Management, 2005, 1, 127-143.	1.7	7
64	Using E-learning to Deliver Construction Technology for Undergraduate Students. A Case Study in Hong Kong. Architectural Engineering and Design Management, 2005, 1, 295-308.	1.7	7
65	Knowledge Management Practice in Two Australian Architecture-Engineering-Construction (AEC) Companies. Construction Economics and Building, 2004, 4, 19-32.	0.9	3
66	Long-Term Deflection and Cracking Behavior of Concrete Beams Prestressed with Carbon Fiber-Reinforced Polymer Tendons. Journal of Composites for Construction, 2003, 7, 187-193.	3.2	15
67	Long-Term Properties and Transfer Length of Fiber-Reinforced Polymers. Journal of Composites for Construction, 2003, 7, 10-19.	3.2	54
68	Flexural Behavior and Deformability of Fiber Reinforced Polymer Prestressed Concrete Beams. Journal of Composites for Construction, 2003, 7, 275-284.	3.2	56
69	Theoretical Study on Short-Term and Long-Term Deflections of Fiber Reinforced Polymer Prestressed Concrete Beams. Journal of Composites for Construction, 2003, 7, 285-291.	3.2	24
70	Developing an optimal bidding strategy in two-envelope fee bidding. Construction Management and Economics, 2002, 20, 611-620.	3.0	8
71	Determining the Optimal Fee-Technical Proposal Combination in Two Envelope Fee Bidding. Construction Economics and Building, 2002, 2, 1-9.	0.9	0