Dongping Fang

List of Publications by Year
in descending order

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64 papers	4,447 citations	126907 33 h-index	144013 57 g-index
65 all docs	65 docs citations	65 times ranked	2462 citing authors

#	Article	IF	Citations
1	Optimizing safety-measure combinations to address construction risks. International Journal of Occupational Safety and Ergonomics, 2022, 28, 941-957.	1.9	2
2	Safety Culture Element System and Its Management Mechanism Analysis in Construction Projects. , 2022, , .		0
3	Perceptual decision-making â€˜in the wildâ€™: How risk propensity and injury exposure experience influence the neural signatures of occupational hazard recognition. International Journal of Psychophysiology, 2022, 177, 92-102.	1.0	8
4	Is it too early to be optimistic about LBBP?. International Journal of Cardiology, 2021, 322, 176.	1.7	0
5	Sustained sustainable development actions of China from 1986 to 2020. Scientific Reports, 2021, 11, 8008.	3.3	12
6	Modeling the Multisector Business Interruption Ratio in Earthquake-Struck Regions. Journal of Management in Engineering - ASCE, 2021, 37, .	4.8	2
7	Ethical Reflection on the Emergency Engineering Management of COVID-19 Epidemic Prevention and Control. Engineering, 2020, 6, 1070-1072.	6.7	6
8	Revelation of Wuhan Cityâ€™s Response to COVID-19 Pandemic on Urban Resilience Enhancement. Journal of Emergency Management and Disaster Communications, 2020, 01, 59-72.	0.6	1
9	Large-scale public venues as medical emergency sites in disasters: lessons from COVID-19 and the use of Fangcang shelter hospitals in Wuhan, China. BMJ Global Health, 2020, 5, e002815.	4.7	95
10	Quantification of disaster resilience in civil engineering: A review. Journal of Safety Science and Resilience, 2020, 1, 19-30.	2.3	24
11	LCB approach for construction safety. Safety Science, 2020, 128, 104761.	4.9	39
12	Ownersâ€™ Safety Management Behaviors in Construction. , 2020, , .		1
13	Towards the â€œthird waveâ€• An SCO-enabled occupational health and safety management system for construction. Safety Science, 2019, 111, 213-223.	4.9	47
14	A System Dynamics Model of Prevention through Design towards Eliminating Human Error. KSCE Journal of Civil Engineering, 2019, 23, 1923-1938.	1.9	6
15	An agent-based modeling approach for understanding the effect of worker-management interactions on construction workers' safety-related behaviors. Automation in Construction, 2019, 97, 29-43.	9.8	88
16	Safety Leadership Effectiveness Assessment of Project Managers in the Construction Industry: A Case Study of China. , 2018, , .		2
17	Impact of Safety Climate on Types of Safety Motivation and Performance: Multigroup Invariance Analysis. Journal of Management in Engineering - ASCE, 2018, 34, .	4.8	45
18	An Assessment Model of Owner Safety Management and Its Application to Real Estate Projects. KSCE Journal of Civil Engineering, 2018, 22, 1557-1571.	1.9	7

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19	Resiliency Investment Decision Making: Going Beyond Code. , 2018, , .		0
20	Investigating the Relationships between Safety Climate and Safety Performance Indicators in Retrofitting Works. Construction Economics and Building, 2018, 18, 110-129.	0.9	28
21	Supervisor-Focused Behavior-Based Safety Method for the Construction Industry: Case Study in Hong Kong. Journal of Construction Engineering and Management - ASCE, 2017, 143, .	3.8	52
22	Leadership improvement and its impact on workplace safety in construction projects: A conceptual model and action research. International Journal of Project Management, 2017, 35, 1495-1511.	5.6	66
23	Falls from Height in the Construction Industry: A Critical Review of the Scientific Literature. International Journal of Environmental Research and Public Health, 2016, 13, 638.	2.6	153
24	Building energy efficiency for public hospitals and healthcare facilities in China: Barriers and drivers. Energy, 2016, 103, 588-597.	8.8	61
25	How safety leadership works among owners, contractors and subcontractors in construction projects. International Journal of Project Management, 2016, 34, 789-805.	5.6	100
26	A Cognitive Model of Construction Workersâ€™ Unsafe Behaviors. Journal of Construction Engineering and Management - ASCE, 2016, 142, .	3.8	134
27	GHG emission reduction performance of state-of-the-art green buildings: Review of two case studies. Renewable and Sustainable Energy Reviews, 2016, 56, 484-493.	16.4	66
28	Cognitive Psychological Approach for Risk Assessment in Construction Projects. Journal of Management in Engineering - ASCE, 2016, 32, .	4.8	16
29	A system-of-systems approach to understanding urbanization â€“ state of the art and prospect. Smart and Sustainable Built Environment, 2015, 4, 154-171.	4.0	12
30	Understanding the Causation of Construction Workersâ€™ Unsafe Behaviors Based on System Dynamics Modeling. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	127
31	Influence of Person-Organizational Fit on Construction Safety Climate. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	34
32	Impact of the Supervisor on Worker Safety Behavior in Construction Projects. Journal of Management in Engineering - ASCE, 2015, 31, .	4.8	196
33	Core Dimensions of the Construction Safety Climate for a Standardized Safety-Climate Measurement. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	3.8	64
34	Selection of the approach for producing a weighting scheme for the CSR evaluation framework. KSCE Journal of Civil Engineering, 2015, 19, 1549-1559.	1.9	9
35	Roles of owners' leadership in construction safety: The case of high-speed railway construction projects in China. International Journal of Project Management, 2015, 33, 1665-1679.	5.6	66
36	An experimental method to study the effect of fatigue on construction workersâ€™ safety performance. Safety Science, 2015, 73, 80-91.	4.9	137

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37	Implications and future direction of greenhouse gas emission mitigation policies in the building sector of China. Renewable and Sustainable Energy Reviews, 2014, 31, 520-530.	16.4	45
38	The relationship between communication and construction safety climate in China. KSCE Journal of Civil Engineering, 2014, 18, 887-897.	1.9	51
39	Confidence Building of a System Dynamics Model on the Causation of Construction Workers' Unsafe Behaviors. , 2014, , .		3
40	Development of a Safety Culture Interaction (SCI) model for construction projects. Safety Science, 2013, 57, 138-149.	4.9	174
41	A continuous Behavior-Based Safety strategy for persistent safety improvement in construction industry. Automation in Construction, 2013, 34, 101-107.	9.8	87
42	A cognitive analysis of why Chinese scaffolders do not use safety harnesses in construction. Construction Management and Economics, 2013, 31, 207-222.	3.0	85
43	Special Issue on Engineering Management for Sustainable Development. Journal of Management in Engineering - ASCE, 2012, 28, 1-1.	4.8	9
44	Safety Climate Improvement: Case Study in a Chinese Construction Company. Journal of Construction Engineering and Management - ASCE, 2011, 137, 86-95.	3.8	98
45	Risk Assessment of Australian Construction and Engineering Firms in China. International Journal of Construction Management, 2009, 9, 119-131.	3.2	1
46	Closure to â€œDeveloping a Model of Construction Safety Cultureâ€•by Rafiq M. Choudhry, Dongping Fang, and Sherif Mohamed. Journal of Management in Engineering - ASCE, 2009, 25, 45-47.	4.8	4
47	Load distribution assessment of reinforced concrete buildings during construction with structural characteristic parameter approach. Tsinghua Science and Technology, 2009, 14, 746-755.	6.1	10
48	Measuring Safety Climate of a Construction Company. Journal of Construction Engineering and Management - ASCE, 2009, 135, 890-899.	3.8	192
49	Characteristics in Image Integration System Guiding Catheter Ablation of Atrial Fibrillation with a Common Ostium of Inferior Pulmonary Veins. PACE - Pacing and Clinical Electrophysiology, 2008, 31, 93-98.	1.2	13
50	Advances in structural mechanics of Chinese ancient architectures. Frontiers of Architecture and Civil Engineering in China, 2008, 2, 1-25.	0.4	16
51	Why operatives engage in unsafe work behavior: Investigating factors on construction sites. Safety Science, 2008, 46, 566-584.	4.9	509
52	A method to identify strategies for the improvement of human safety behavior by considering safety climate and personal experience. Safety Science, 2008, 46, 1406-1419.	4.9	190
53	Safety Management in Construction: Best Practices in Hong Kong. Journal of Professional Issues in Engineering Education and Practice, 2008, 134, 20-32.	0.9	113
54	Safety Risk Identification and Assessment for Beijing Olympic Venues Construction. Journal of Management in Engineering - ASCE, 2008, 24, 40-47.	4.8	96

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55	Challenging and Enforcing Safety Management in Developing Countries: A Strategy. International Journal of Construction Management, 2008, 8, 87-101.	3.2	18
56	Developing a Model of Construction Safety Culture. Journal of Management in Engineering - ASCE, 2007, 23, 207-212.	4.8	138
57	The nature of safety culture: A survey of the state-of-the-art. Safety Science, 2007, 45, 993-1012.	4.9	400
58	Safety Climate in Construction Industry: A Case Study in Hong Kong. Journal of Construction Engineering and Management - ASCE, 2006, 132, 573-584.	3.8	252
59	Achievement of Pulmonary Vein Isolation in Patients Undergoing Circumferential Pulmonary Vein Ablation: A Randomized Comparison Between Two Different Isolation Approaches. Journal of Cardiovascular Electrophysiology, 2006, 17, 1263-1270.	1.7	94
60	Closure to â€œRisks in Chinese Construction Marketâ€”Contractorsâ€™ Perspectiveâ€•by Dongping Fang, Mingen Li, Patrick Sik-wah Fong, and Liyin Shen. Journal of Construction Engineering and Management - ASCE, 2006, 132, 328-329.	3.8	0
61	Risk Assessment Model for 2008 Olympic Venues Construction. , 2005, , 107.		3
62	Risk Assessment Model of Tendering for Chinese Building Projects. Journal of Construction Engineering and Management - ASCE, 2004, 130, 862-868.	3.8	12
63	Risks in Chinese Construction Marketâ€”Contractorsâ€™ Perspective. Journal of Construction Engineering and Management - ASCE, 2004, 130, 853-861.	3.8	109
64	A comprehensive framework for assessing and selecting appropriate scaffolding based on analytic hierarchy process. Journal of Safety Research, 2003, 34, 589-596.	3.6	14