

Dongping Fang

List of Publications by Year in descending order

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Version: 2024-02-01

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	Why operatives engage in unsafe work behavior: Investigating factors on construction sites. <i>Safety Science</i> , 2008, 46, 566-584.	4.9	509
2	The nature of safety culture: A survey of the state-of-the-art. <i>Safety Science</i> , 2007, 45, 993-1012.	4.9	400
3	Safety Climate in Construction Industry: A Case Study in Hong Kong. <i>Journal of Construction Engineering and Management - ASCE</i> , 2006, 132, 573-584.	3.8	252
4	Impact of the Supervisor on Worker Safety Behavior in Construction Projects. <i>Journal of Management in Engineering - ASCE</i> , 2015, 31, .	4.8	196
5	Measuring Safety Climate of a Construction Company. <i>Journal of Construction Engineering and Management - ASCE</i> , 2009, 135, 890-899.	3.8	192
6	A method to identify strategies for the improvement of human safety behavior by considering safety climate and personal experience. <i>Safety Science</i> , 2008, 46, 1406-1419.	4.9	190
7	Development of a Safety Culture Interaction (SCI) model for construction projects. <i>Safety Science</i> , 2013, 57, 138-149.	4.9	174
8	Falls from Height in the Construction Industry: A Critical Review of the Scientific Literature. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 638.	2.6	153
9	Developing a Model of Construction Safety Culture. <i>Journal of Management in Engineering - ASCE</i> , 2007, 23, 207-212.	4.8	138
10	An experimental method to study the effect of fatigue on construction workers'™ safety performance. <i>Safety Science</i> , 2015, 73, 80-91.	4.9	137
11	A Cognitive Model of Construction Workers'™ Unsafe Behaviors. <i>Journal of Construction Engineering and Management - ASCE</i> , 2016, 142, .	3.8	134
12	Understanding the Causation of Construction Workers'™ Unsafe Behaviors Based on System Dynamics Modeling. <i>Journal of Management in Engineering - ASCE</i> , 2015, 31, .	4.8	127
13	Safety Management in Construction: Best Practices in Hong Kong. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2008, 134, 20-32.	0.9	113
14	Risks in Chinese Construction Market'™ Contractors'™ Perspective. <i>Journal of Construction Engineering and Management - ASCE</i> , 2004, 130, 853-861.	3.8	109
15	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
16	Safety Climate Improvement: Case Study in a Chinese Construction Company. <i>Journal of Construction Engineering and Management - ASCE</i> , 2011, 137, 86-95.	3.8	98
17	Safety Risk Identification and Assessment for Beijing Olympic Venues Construction. <i>Journal of Management in Engineering - ASCE</i> , 2008, 24, 40-47.	4.8	96
18	Large-scale public venues as medical emergency sites in disasters: lessons from COVID-19 and the use of Fangcang shelter hospitals in Wuhan, China. <i>BMJ Global Health</i> , 2020, 5, e002815.	4.7	95

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19	Achievement of Pulmonary Vein Isolation in Patients Undergoing Circumferential Pulmonary Vein Ablation: A Randomized Comparison Between Two Different Isolation Approaches. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 1263-1270.	1.7	94
20	An agent-based modeling approach for understanding the effect of worker-management interactions on construction workers' safety-related behaviors. <i>Automation in Construction</i> , 2019, 97, 29-43.	9.8	88
21	A continuous Behavior-Based Safety strategy for persistent safety improvement in construction industry. <i>Automation in Construction</i> , 2013, 34, 101-107.	9.8	87
22	A cognitive analysis of why Chinese scaffolders do not use safety harnesses in construction. <i>Construction Management and Economics</i> , 2013, 31, 207-222.	3.0	85
23	Roles of owners' leadership in construction safety: The case of high-speed railway construction projects in China. <i>International Journal of Project Management</i> , 2015, 33, 1665-1679.	5.6	66
24	GHG emission reduction performance of state-of-the-art green buildings: Review of two case studies. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 56, 484-493.	16.4	66
25	Leadership improvement and its impact on workplace safety in construction projects: A conceptual model and action research. <i>International Journal of Project Management</i> , 2017, 35, 1495-1511.	5.6	66
26	Core Dimensions of the Construction Safety Climate for a Standardized Safety-Climate Measurement. <i>Journal of Construction Engineering and Management - ASCE</i> , 2015, 141, .	3.8	64
27	Building energy efficiency for public hospitals and healthcare facilities in China: Barriers and drivers. <i>Energy</i> , 2016, 103, 588-597.	8.8	61
28	Supervisor-Focused Behavior-Based Safety Method for the Construction Industry: Case Study in Hong Kong. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017, 143, .	3.8	52
29	The relationship between communication and construction safety climate in China. <i>KSCE Journal of Civil Engineering</i> , 2014, 18, 887-897.	1.9	51
30	Towards the "third wave": An SCO-enabled occupational health and safety management system for construction. <i>Safety Science</i> , 2019, 111, 213-223.	4.9	47
31	Implications and future direction of greenhouse gas emission mitigation policies in the building sector of China. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 31, 520-530.	16.4	45
32	Impact of Safety Climate on Types of Safety Motivation and Performance: Multigroup Invariance Analysis. <i>Journal of Management in Engineering - ASCE</i> , 2018, 34, .	4.8	45
33	LCB approach for construction safety. <i>Safety Science</i> , 2020, 128, 104761.	4.9	39
34	Influence of Person-Organizational Fit on Construction Safety Climate. <i>Journal of Management in Engineering - ASCE</i> , 2015, 31, .	4.8	34
35	Investigating the Relationships between Safety Climate and Safety Performance Indicators in Retrofitting Works. <i>Construction Economics and Building</i> , 2018, 18, 110-129.	0.9	28
36	Quantification of disaster resilience in civil engineering: A review. <i>Journal of Safety Science and Resilience</i> , 2020, 1, 19-30.	2.3	24

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37	Challenging and Enforcing Safety Management in Developing Countries: A Strategy. International Journal of Construction Management, 2008, 8, 87-101.	3.2	18
38	Advances in structural mechanics of Chinese ancient architectures. Frontiers of Architecture and Civil Engineering in China, 2008, 2, 1-25.	0.4	16
39	Cognitive Psychological Approach for Risk Assessment in Construction Projects. Journal of Management in Engineering - ASCE, 2016, 32, .	4.8	16
40	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
41	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
42	Risk Assessment Model of Tendering for Chinese Building Projects. Journal of Construction Engineering and Management - ASCE, 2004, 130, 862-868.	3.8	12
43	A system-of-systems approach to understanding urbanization " state of the art and prospect. Smart and Sustainable Built Environment, 2015, 4, 154-171.	4.0	12
44	Sustained sustainable development actions of China from 1986 to 2020. Scientific Reports, 2021, 11, 8008.	3.3	12
45	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
46	Special Issue on Engineering Management for Sustainable Development. Journal of Management in Engineering - ASCE, 2012, 28, 1-1.	4.8	9
47	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
48	Perceptual decision-making "in the wild": 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
49	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
50	A System Dynamics Model of Prevention through Design towards Eliminating Human Error. KSCE Journal of Civil Engineering, 2019, 23, 1923-1938.	1.9	6
51	Ethical Reflection on the Emergency Engineering Management of COVID-19 Epidemic Prevention and Control. Engineering, 2020, 6, 1070-1072.	6.7	6
52	Closure to "Developing a Model of Construction Safety Culture" by Rafiq M. Choudhry, Dongping Fang, and Sherif Mohamed. Journal of Management in Engineering - ASCE, 2009, 25, 45-47.	4.8	4
53	Risk Assessment Model for 2008 Olympic Venues Construction. , 2005, , 107.		3
54	Confidence Building of a System Dynamics Model on the Causation of Construction Workers' Unsafe Behaviors. , 2014, , .		3

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55	Safety Leadership Effectiveness Assessment of Project Managers in the Construction Industry: A Case Study of China. , 2018, , .		2
56	Optimizing safety-measure combinations to address construction risks. International Journal of Occupational Safety and Ergonomics, 2022, 28, 941-957.	1.9	2
57	Modeling the Multisector Business Interruption Ratio in Earthquake-Struck Regions. Journal of Management in Engineering - ASCE, 2021, 37, .	4.8	2
58	Risk Assessment of Australian Construction and Engineering Firms in China. International Journal of Construction Management, 2009, 9, 119-131.	3.2	1
59	Revelation of Wuhan City's Response to COVID-19 Pandemic on Urban Resilience Enhancement. Journal of Emergency Management and Disaster Communications, 2020, 01, 59-72.	0.6	1
60	Owners's Safety Management Behaviors in Construction. , 2020, , .		1
61	Closure to "Risks in Chinese Construction Market" Contractors' Perspective-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
62	Resiliency Investment Decision Making: Going Beyond Code. , 2018, , .		0
63	Is it too early to be optimistic about LBBP?. International Journal of Cardiology, 2021, 322, 176.	1.7	0
64	Safety Culture Element System and Its Management Mechanism Analysis in Construction Projects. , 2022, , .		0