

Behzad Esmaeili

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

807
citations

17
h-index

27
g-index

70
ext. papers

1,116
ext. citations

3.6
avg, IF

5.06
L-index

#	Paper	IF	Citations
53	Diffusion of Safety Innovations in the Construction Industry. <i>Journal of Construction Engineering and Management - ASCE</i> , 2012 , 138, 955-963	4.2	65
52	Measuring the Impacts of Safety Knowledge on Construction Workers' Attentional Allocation and Hazard Detection Using Remote Eye-Tracking Technology. <i>Journal of Management in Engineering - ASCE</i> , 2017 , 33, 04017024	5.3	57
51	Examining the Relationship between Construction Workers' Visual Attention and Situation Awareness under Fall and Tripping Hazard Conditions: Using Mobile Eye Tracking. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018 , 144, 04018060	4.2	57
50	Applications and requirements of unmanned aerial systems (UASs) for construction safety. <i>Safety Science</i> , 2019 , 118, 230-240	5.8	52
49	PARS: Using Augmented 360-Degree Panoramas of Reality for Construction Safety Training. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	50
48	Diffusion of Building Information Modeling Functions in the Construction Industry. <i>Journal of Management in Engineering - ASCE</i> , 2018 , 34, 04017060	5.3	47
47	Impact of Construction Workers' Hazard Identification Skills on Their Visual Attention. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017 , 143, 04017070	4.2	45
46	Attribute-Based Safety Risk Assessment. II: Predicting Safety Outcomes Using Generalized Linear Models. <i>Journal of Construction Engineering and Management - ASCE</i> , 2015 , 141, 04015022	4.2	41
45	Safety risk interactions among highway construction work tasks. <i>Construction Management and Economics</i> , 2011 , 29, 417-429	3	40
44	Attribute-Based Safety Risk Assessment. I: Analysis at the Fundamental Level. <i>Journal of Construction Engineering and Management - ASCE</i> , 2015 , 141, 04015021	4.2	34
43	Role of Personality in Construction Safety: Investigating the Relationships between Personality, Attentional Failure, and Hazard Identification under Fall-Hazard Conditions. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019 , 145, 04019052	4.2	27
42	Desktop-based safety training using 360-degree panorama and static virtual reality techniques: A comparative experimental study. <i>Automation in Construction</i> , 2020 , 109, 102969	9.6	26
41	Integration of safety risk data with highway construction schedules. <i>Construction Management and Economics</i> , 2013 , 31, 528-541	3	25
40	Measuring Construction Workers' Real-Time Situation Awareness Using Mobile Eye-Tracking 2016 ,		21
39	Unmanned Aerial Systems (UAS) for Construction Safety Applications 2016 ,		20
38	Claims and Project Performance between Traditional and Alternative Project Delivery Methods. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2018 , 10, 04518017	1.7	20
37	Impact of Owners' Early Decisions on Project Performance and Dispute Occurrence in Public Highway Projects. <i>Journal of Legal Affairs and Dispute Resolution in Engineering and Construction</i> , 2018 , 10, 04518004	1.7	18

36	Using Unmanned Aerial Systems for Automated Fall Hazard Monitoring 2018 ,		15
35	Attribute-Based Risk Model for Measuring Safety Risk of Struck-By Accidents 2012 ,		13
34	Exploration of Team Integration in Spanish Multifamily Residential Building Construction. <i>Journal of Management in Engineering - ASCE</i> , 2016 , 32, 05016012	5.3	13
33	State-of-the-Art Review of Virtual Reality Environment Applications in Construction Safety 2015 ,		12
32	Measuring the Impact of Working Memory Load on the Safety Performance of Construction Workers 2017 ,		10
31	The Relationship between Construction Workers' Risk Perception and Eye Movement in Hazard Identification 2016 ,		10
30	Using Panoramic Augmented Reality to Develop a Virtual Safety Training Environment 2018 ,		9
29	Development and Usability Testing of a Panoramic Augmented Reality Environment for Fall Hazard Safety Training 2019 , 271-279		8
28	Developing a winter severity index: A critical review. <i>Cold Regions Science and Technology</i> , 2019 , 160, 139-149	3.8	7
27	Current Practices of Winter Maintenance Operations and Perceptions of Winter Weather Conditions. <i>Journal of Cold Regions Engineering - ASCE</i> , 2019 , 33, 04019008	1.1	6
26	Hazard Identification Training Using 360-Degree Panorama vs. Virtual Reality Techniques: A Pilot Study 2019 ,		6
25	Developing a Multi-variate Logistic Regression Model to Analyze Accident Scenarios: Case of Electrical Contractors. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	6
24	Developing a Department of Transportation Winter Severity Index. <i>Journal of Applied Meteorology and Climatology</i> , 2019 , 58, 1779-1798	2.7	5
23	Examining the Relationship between Personality Characteristics and Worker's Attention under Fall and Tripping Hazard Conditions 2018 ,		4
22	Examining the Relationship between Mindfulness, Personality, and National Culture for Construction Safety. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	4
21	Impacts of Levels of Trust on Dispute Occurrences in Highway Projects 2016 ,		4
20	Cost of Occupational Incidents for Electrical Contractors: Comparison Using Robust-Factorial Analysis of Variance. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020 , 146, 04020073	4.2	3
19	USING EYE MOVEMENTS TO IDENTIFY HAZARDS MISSED BY AT-RISK WORKERS. <i>Proceedings of International Structural Engineering and Construction</i> , 2017 , 4,	1.4	3

18	The Impact of the Legalization of Recreational Marijuana on Construction Safety 2016 ,		3
17	Impact of Change Blindness on Worker Hazard Identification at Jobsites. <i>Journal of Management in Engineering - ASCE</i> , 2021 , 37, 04021021	5.3	3
16	Evaluating the Performance of Machine Learning Algorithms on Construction Accidents: An Application of ROC Curves 2018 ,		2
15	Evaluating OSHA's fatality and catastrophe investigation summaries: Arc flash focus. <i>Safety Science</i> , 2021 , 140, 105287	5.8	2
14	The Association between Risk Perception and the Risk-Taking Behaviors of Construction Workers 2018 ,		1
13	Exploring the Role of the Team Environment in Building Project Performance 2014 ,		1
12	Electrical Contractors' Safety Risk Management: An Attribute-Based Analysis 2015 ,		1
11	Impact of Climate Change on Transportation Infrastructure: Comparing Perception Differences between the US Public and the Department of Transportation (DOT) Professionals. <i>Sustainability</i> , 2021 , 13, 11927	3.6	1
10	Application of Unsupervised Machine Learning to Increase Safety and Mobility on Roadways after Snowstorms 2019 ,		1
9	Exploring the Relationship between Mindfulness and Personality to Improve Construction Safety and Work Performance 2020 ,		1
8	The Role of Work Experience on Hazard Identification: Assessing the Mediating Effect of Inattention under Fall-Hazard Conditions 2020 ,		1
7	Influence of best value procurement on design-build projects: a grounded theory study. <i>International Journal of Construction Education and Research</i> , 1-23	0.8	1
6	How service learning can be offered as capstone 2016 ,		1
5	Progressive Design-build Delivery Method: Assessment of Project Performance. <i>International Journal of Construction Education and Research</i> , 1-20	0.8	1
4	Countermeasures to Reduce Truck-Mounted Attenuator (TMA) Crashes: A State-of-the-Art Review. <i>Future Transportation</i> , 2022 , 2, 425-452		1
3	Inclusion of an Introduction to Infrastructure Course in a Civil and Environmental Engineering Curriculum. <i>Journal of Professional Issues in Engineering Education and Practice</i> , 2017 , 143, 04016020	0.7	0
2	Stipends in Highway Design-Build Projects. <i>Journal of Management in Engineering - ASCE</i> , 2020 , 36, 04020046		1
1	Erratum for Current Practices of Winter Maintenance Operations and Perceptions of Winter Weather Conditions by Bac Dao, Sogand Hasanzadeh, Curtis Louis Walker, Dylan Steinkruger, Behzad Esmaeili, and Mark R. Anderson. <i>Journal of Cold Regions Engineering - ASCE</i> , 2020 , 34, 08219001	1.1	

