Mostafa Mirzaei Aliabadi

List of Publications by Year
in descending order

26 papers	560 citations	840776 11 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	426 citing authors

#	Article	IF	Citations
1	Dynamic safety assessment of natural gas stations using Bayesian network. Journal of Hazardous Materials, 2017, 321, 830-840.	12.4	181
2	Investigating interactions among vital variables affecting situation awareness based on Fuzzy DEMATEL method. International Journal of Industrial Ergonomics, 2019, 74, 102842.	2.6	62
3	Analysis of human and organizational factors that influence mining accidents based on BayesianÂnetwork. International Journal of Occupational Safety and Ergonomics, 2020, 26, 670-677.	1.9	44
4	Dynamic safety risk modeling of process systems using bayesian network. Process Safety Progress, 2017, 36, 399-407.	1.0	32
5	Effects of human and organizational deficiencies on workersâ€™ safety behavior at a mining site in Iran. Epidemiology and Health, 2018, 40, e2018019.	1.9	31
6	Risk modelling of a hydrogen gasholder using Fuzzy Bayesian Network (FBN). International Journal of Hydrogen Energy, 2020, 45, 1177-1186.	7.1	31
7	A path analysis model of individual variables predicting safety behavior and human error: The mediating effect of situation awareness. International Journal of Industrial Ergonomics, 2021, 84, 103144.	2.6	24
8	Human error analysis in furnace start-up operation using HEART under intuitionistic fuzzy environment. Journal of Loss Prevention in the Process Industries, 2021, 69, 104372.	3.3	17
9	Mechanical and barrier properties of XNBR-clay nanocomposite: a promising material for protective gloves. Iranian Polymer Journal (English Edition), 2014, 23, 289-296.	2.4	14
10	Transport properties of carboxylated nitrile butadiene rubber (XNBR)-nanoclay composites; a promising material for protective gloves in occupational exposures. Journal of Environmental Health Science & Engineering, 2014, 12, 51.	3.0	12
11	Efficiency prediction of control room operators based on human reliability analysis and dynamic decision-making style in the process industry. Process Safety Progress, 2016, 35, 192-199.	1.0	12
12	Locating urban CNG stations using quantitative risk assessment: using the Bayesian network. Safety and Reliability, 2021, 40, 48-64.	0.6	12
13	Modeling the causes-effect relationships among major accident predictors based on a fuzzy multi-criteria decision-making method. Work, 2020, 67, 313-321.	1.1	11
14	Analysis of the severity of occupational injuries in the mining industry using a Bayesian network. Epidemiology and Health, 2019, 41, e2019017.	1.9	10
15	The Relationships Among Occupational Safety Climate, Patient Safety Climate, and Safety Performance Based on Structural Equation Modeling. Journal of Preventive Medicine and Public Health, 2020, 53, 447-454.	1.9	10
16	Explanation and prediction of accidents using the path analysis approach in industrial units: The effect of safety performance and climate. Work, 2020, 66, 617-624.	1.1	9
17	Identification and evaluation of maintenance error in catalyst replacement using the HEART technique under a fuzzy environment. International Journal of Occupational Safety and Ergonomics, 2022, 28, 1291-1303.	1.9	8
18	A fuzzy Bayesian network DEMATEL model for predicting safety behavior. International Journal of Occupational Safety and Ergonomics, 2023, 29, 36-43.	1.9	8

#	Article	IF	Citations
19	Occupational Cancer Risk Perception in Iranian Workers. Archives of Environmental and Occupational Health, 2014, 69, 167-171.	1.4	7
20	Heat stress and physical capacity: a case study of semi-professional footballers. Iranian Journal of Public Health, 2014, 43, 355-61.	0.5	6
21	Human reliability analysis in de-energization of power line using HEART in the context of Z-numbers. PLoS ONE, 2021, 16, e0253827.	2.5	5
22	Modeling cause-and-effect relationships among predictive variables of human error based on the fuzzy multi-criteria decision-making method. Theoretical Issues in Ergonomics Science, 2022, 23, 259-276.	1.8	4
23	Risk assessment of liquefied petroleum gas (LPG) storage tanks in the process industries using the Bowtie technique. Muhandisī-i Bihdāsht-i á¸¥irfah/Ä«, 2016, 3, 1-11.	0.2	4
24	The mediating effect of workers' situation awareness on the relationship between work-related factors and human error: a path analysis approach. International Journal of Occupational Safety and Ergonomics, 2022, 28, 1958-1966.	1.9	3
25	Human Error Probability Determination in Blasting Process of Ore Mine using a hybrid of HEART and Best-Worst Methods. Safety and Health at Work, 2022, , .	0.6	3
26	Risk Assessment of Petroleum Products Loading Arm by BTA Technique. Jundishapur Journal of Health Sciences, 2021, 13, .	0.2	0