Mehdi Jahangiri

List of Publications by Year
in descending order

78 papers	943 citations	567281 15 h-index	580821 25 g-index
79 all docs	79 docs citations	79 times ranked	978 citing authors

#	Article	IF	Citations
1	Adaptation of the standardized plant analysis–risk human reliability analysis technique for the surgical setting: expert judgment approach. International Journal of Occupational Safety and Ergonomics, 2023, 29, 17-24.	1.9	3
2	Training through fit test and its role in knowledge, attitude and performance of workers regarding respiratory protective equipment: a case study in a petrochemical company. International Journal of Occupational Safety and Ergonomics, 2022, 28, 501-506.	1.9	1
3	A scientometric study of unsafe behavior through Web of Science during 1991–2020. International Journal of Occupational Safety and Ergonomics, 2022, 28, 2033-2045.	1.9	6
4	Modeling the factors affecting unsafe behaviors using the fuzzy best–worst method and fuzzy cognitive map. Applied Soft Computing Journal, 2022, 114, 108119.	7.2	10
5	Quantification of the impact of factors affecting the technical performance of operating room personnel: Expert judgment approach. Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management, 2022, 41, 9-16.	0.7	1
6	Improvement of performance and function in respiratory protection equipment using nanomaterials. Journal of Nanoparticle Research, 2022, 24, 76.	1.9	5
7	The global incidence and associated factors of surgical gloves perforation: A systematic review and meta-analysis. Work, 2022, , 1-11.	1.1	3
8	Identifying the influential contributing factors to micro-enterprises' workplace accidents using a hybrid D-DEMATEL-IFISM method. Expert Systems With Applications, 2022, 200, 117059.	7.6	13
9	Applying analytic hierarchy process and failure likelihood index method (AHP-FLIM) to assess human reliability in critical and sensitive jobs of a petrochemical industry. Heliyon, 2022, 8, e09509.	3.2	12
10	Assessment of masks used by healthcare workers: Development and validation of a Mask Qualitative Assessment Tool (MQAT). Safety and Health at Work, 2022, , .	0.6	0
11	Is 'invisible gorilla' self-reportedly measurable? Development and validation of a new questionnaire for measuring cognitive unsafe behaviors of front-line industrial workers. International Journal of Occupational Safety and Ergonomics, 2021, 27, 852-866.	1.9	7
12	The Medical Gloves Assessment Tool (MGAT): Developing and validating a quantitative tool for assessing the safety and ergonomic features related to medical gloves. Journal of Nursing Management, 2021, 29, 591-601.	3.4	4
13	How do medical gloves affect manual performance? Evaluation of ergonomic indicators. International Journal of Industrial Ergonomics, 2021, 81, 103062.	2.6	12
14	The Prevalence of Unsafe Behaviors in Iranian Workers: A Systematic Review and Meta-Analysis. Iranian Journal of Public Health, 2021, 50, 257-270.	0.5	4
15	Qualitative fitting characteristics of elastomeric half face-piece respirators using Isoamyl acetate agent. Industrial Health, 2021, 59, 272-282.	1.0	1
16	Does Size Affect the Rate of Perforation? A Cross-sectional Study of Medical Gloves. Annals of Work Exposures and Health, 2021, 65, 854-861.	1.4	6
17	Quantitative fit testing of filtering face-piece respirators during the COVID-19 pandemic reveals anthropometric deficits in most respirators available in Iran. Journal of Environmental Health Science & Engineering, 2021, 19, 805-817.	3.0	8
18	Risk assessment of probable human errors in scaffold erection and dismantling procedure: A fuzzy approach. International Journal of Occupational Safety and Ergonomics, 2021, , 1-16.	1.9	0

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19	Knowledge, Performance, and Attitude Towards Mask Use to Prevent and Control COVID-19 Outbreak Among a Group of Iranian People: A Cross-sectional Study. Shiraz E Medical Journal, 2021, In Press, .	0.3	5
20	Presenteeism and work ability: development of the Persian version of the Stanford Presenteeism Scale (P-SPS-6) and measurement of its psychometric properties. BMC Psychology, 2021, 9, 120.	2.1	5
21	The Factors Affecting Unsafe Behaviors of Iranian Workers: AÂQualitative Study Based on Grounded Theory. Safety and Health at Work, 2021, 12, 339-345.	0.6	13
22	Safety culture maturity and resilience engineering in an oil drilling industry: A comparison study among government-owned and private companies. Work, 2021, 70, 443-453.	1.1	2
23	Understanding uptake of prevention and mitigation of COVID-19 at work actions in Iran. Work, 2021, 70, 777-784.	1.1	4
24	Occupational Stressors among Farmers in Iran Using Fuzzy Multiple Criteria Decision-Making Methods. Journal of Agromedicine, 2020, 25, 28-37.	1.5	11
25	A novel Fuzzy Bayesian Network approach for safety analysis of process systems; An application of HFACS and SHIPP methodology. Journal of Cleaner Production, 2020, 244, 118761.	9.3	62
26	Assessment of aloe vera for qualitative fit testing of particulate respirators: a logistic regression approach. Industrial Health, 2020, 58, 46-53.	1.0	6
27	Prediction of metabolic syndrome based on sleep and work-related risk factors using an artificial neural network. BMC Endocrine Disorders, 2020, 20, 169.	2.2	10
28	Interactions among Cognitive Factors Affecting Unsafe Behavior: Integrative Fuzzy DEMATEL ISM Approach. Mathematical Problems in Engineering, 2020, 2020, 1-18.	1.1	7
29	Fire Risk Assessment in Healthcare Settings: Application of FMEA Combined with Multiâ€Criteria Decision Making Methods. Mathematical Problems in Engineering, 2020, 2020, 1-12.	1.1	15
30	Removal of benzo [a]pyrene vapours from the air stream using the two-phase partitioning bioscrubber: an intervention study. International Journal of Environmental Analytical Chemistry, 2020, , 1-15.	3.3	0
31	Letâ€™s get back to work: Preventive biological cycle management of COVID-19 in the workplace. Work, 2020, 66, 713-716.	1.1	8
32	Structural equation modeling of safety performance based on personality traits, job and organizational-related factors. International Journal of Occupational Safety and Ergonomics, 2020, , 1-15.	1.9	9
33	Qualitative fitting characteristics of filtering face-piece respirators on Iranian people. Journal of Environmental Health Science & Engineering, 2020, 18, 587-597.	3.0	7
34	Occupational stressors among firefighters: application of multi-criteria decision making (MCDM)Techniques. Heliyon, 2020, 6, e03820.	3.2	22
35	Bioremediation and microbial degradation of benzo[a]pyrene in aquatic environments: a systematic review. International Journal of Environmental Analytical Chemistry, 2020, , 1-16.	3.3	4
36	Strategies for controlling violence against health care workers: Application of fuzzy analytical hierarchy process and fuzzy additive ratio assessment. Journal of Nursing Management, 2020, 28, 777-786.	3.4	15

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37	Excessive Daytime Sleepiness and Safety Performance: Comparing Proactive and Reactive Approaches. International Journal of Occupational and Environmental Medicine, 2020, 11, 95-107.	4.2	14
38	Development and Validation of HOSHRA Index for Occupational Safety and Health Risk Assessment in Hospitals. Shiraz E Medical Journal, 2020, 21, .	0.3	2
39	Coronavirus-Related Opportunities for Promoting Occupational Health and Safety. Shiraz E Medical Journal, 2020, 21, .	0.3	1
40	Preparation of a sepiolite/Cu-BDC nanocomposite and its application as an adsorbent in respirator cartridges for H_2S removal. New Journal of Chemistry, 2019, 43, 11575-11584.	2.8	20
41	Individual cognitive factors affecting unsafe acts among Iranian industrial workers: An integrative meta-synthesis interpretive structural modeling (ISM) approach. Safety Science, 2019, 120, 89-98.	4.9	20
42	A Novel Fuzzy Bayesian Network-HFACS (FBN-HFACS) model for analyzing Human and Organization Factors (HOFs) in process accidents. Chemical Engineering Research and Design, 2019, 132, 59-72.	5.6	51
43	Feasibility of replacing homemade solutions by commercial products for qualitative fit testing of particulate respirators: a mixed effect logistic regression study. MethodsX, 2019, 6, 1313-1322.	1.6	8
44	Prevalence of Chronic Diseases and Occupational Injuries and their Influence on the Health-Related Quality of Life Among Farmers Working in Small-Farm Enterprises. Journal of Agromedicine, 2019, 24, 248-256.	1.5	12
45	A neuro-fuzzy risk prediction methodology for falling from scaffold. Safety Science, 2019, 117, 88-99.	4.9	42
46	Indoor air quality-induced respiratory symptoms of a hospital staff in Iran. Environmental Monitoring and Assessment, 2019, 191, 50.	2.7	11
47	Effects of Low-level Occupational Exposure to Ammonia on Hematological Parameters and Kidney Function. International Journal of Occupational and Environmental Medicine, 2019, 10, 80-88.	4.2	13
48	Occupational Health Problems and Safety Conditions among Small and Medium-Sized Enterprises: A Cross-sectional Study in Shiraz, Iran. Annals of Global Health, 2019, 85, .	2.0	7
49	Self-Reported, Work-Related Injuries and Illnesses Among Restaurant Workers in Shiraz City, South of Iran. Annals of Global Health, 2019, 85, .	2.0	6
50	Semi-Quantitative Risk Assessment of Occupational Exposure to Hazardous Chemicals in Health Center Laboratories (Case Study). Shiraz E Medical Journal, 2019, 20, .	0.3	3
51	Facial anthropometric measurements in Iranian male workers using Digimizer version 4.1.1.0 image analysis software: a pilot study. International Journal of Occupational Safety and Ergonomics, 2018, 24, 570-576.	1.9	8
52	Knowledge, perceptions and practices of healthcare workers regarding the use of respiratory protection equipment at Iran hospitals. Journal of Infection Prevention, 2018, 19, 29-36.	0.9	13
53	Evaluation of Respiratory Protection Program in Petrochemical Industries: Application of Analytic Hierarchy Process. Safety and Health at Work, 2018, 9, 95-100.	0.6	11
54	Respiratory Protection Program Compliance in Iranian Hospitals: Application of Fuzzy Analytical Hierarchy Process. Workplace Health and Safety, 2018, 66, 173-182.	1.4	6

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55	The effect of biological rhythms and personality traits on the incidence of unsafe behaviors among bus drivers in Shiraz, Iran. Journal of Injury and Violence Research, 2018, 10, 3-10.	0.4	1
56	Safety performance evaluation in a steel industry: A short-term time series approach. Safety Science, 2018, 110, 285-290.	4.9	17
57	Ventilatory disorders associated with occupational inhalation exposure to nitrogen trihydride (ammonia). Industrial Health, 2018, 56, 427-435.	1.0	16
58	Prevalence of self-reported work-related illness and injuries among building construction workers, Shiraz, Iran. EXCLI Journal, 2018, 17, 724-733.	0.7	14
59	Occupational stress among nurses and pre-hospital emergency staff: application of fuzzy analytic hierarchy process (FAHP) method. EXCLI Journal, 2018, 17, 808-824.	0.7	20
60	Qualitative Fit Testing of Medium - Size N95/FFP2 Respirators on Iranian Health Care Workers. Health Scope, 2018, 7, .	0.6	4
61	Safety and Health Risk Assessment in Mosques, Shiraz, Iran. Shiraz E Medical Journal, 2018, 19, .	0.3	2
62	Development of Comprehensive Occupational Health Risk Assessment (COHRA) Method: Case Study in a Petrochemical Industry. Muhandisī-i Bihdāsht-i á¸¥irfah/Ä«, 2018, 5, 53-62.	0.2	3
63	Respiratory Disorders Among Workers in Slaughterhouses. Safety and Health at Work, 2017, 8, 84-88.	0.6	11
64	Effective factors on not using the N95 respirators among health care workers: Application of Fuzzy Delphi and Fuzzy Analytic Hierarchy Process (FAHP). Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management, 2017, 37, 36-46.	0.7	8
65	Validity Assessment of the Persian Version of the Nordic Safety Climate Questionnaire (NOSACQ-50): A Case Study in a Steel Company. Safety and Health at Work, 2016, 7, 326-330.	0.6	24
66	A Descriptive Study of Occupational Health Services in Self-employed Enterprises (Nanoscale) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.6	10
67	Occupational Safety and Health Measures in Micro‐scale Enterprises (MSEs) in Shiraz, Iran. Journal of Occupational Health, 2016, 58, 201-208.	2.1	5
68	Needle Stick Injuries and their Related Safety Measures among Nurses in a University Hospital, Shiraz, Iran. Safety and Health at Work, 2016, 7, 72-77.	0.6	78
69	Human Error Analysis in a Permit to Work System: A Case Study in a Chemical Plant. Safety and Health at Work, 2016, 7, 6-11.	0.6	51
70	Respiratory Disorders Associated with Occupational Inhalational Exposure to Bioaerosolsamong Wastewater Treatment Workers of Petrochemical Complexes. International Journal of Occupational and Environmental Medicine, 2015, 6, 41-49.	4.2	18
71	Air monitoring of aromatic hydrocarbons during automobile spray painting for developing change schedule of respirator cartridges. Journal of Environmental Health Science & Engineering, 2014, 12, 41.	3.0	1
72	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

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73	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
74	Preparation of a new adsorbent from activated carbon and carbon nanofiber (AC/CNF) for manufacturing organic-vacbpour respirator cartridge. Iranian Journal of Environmental Health Science & Engineering, 2013, 10, 15.	1.8	23
75	Revising Organic Vapour Respirator Cartridge Change Schedule: a Case Study of a Paint Plant in Iran. Arhiv Za Higijenu Rada I Toksikologiju, 2013, 64, 133-138.	0.7	4
76	Health Effects Associated With Shift Work in 12-Hour Shift Schedule Among Iranian Petrochemical Employees. International Journal of Occupational Safety and Ergonomics, 2012, 18, 419-427.	1.9	30
77	Emission of Carbon Nanofiber (CNF) from CNF-Containing Composite Adsorbents. Journal of Occupational and Environmental Hygiene, 2012, 9, D130-D135.	1.0	5
78	Experimental investigation of the chemical reduction of nitrate ion in aqueous solution by Mg/Cu bimetallic particles. Reaction Kinetics, Mechanisms and Catalysis, 2011, 102, 313-329.	1.7	23