

Mehdi Jahangiri

List of Publications by Year in descending order

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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	Needle Stick Injuries and their Related Safety Measures among Nurses in a University Hospital, Shiraz, Iran. <i>Safety and Health at Work</i> , 2016, 7, 72-77.	0.6	78
2	A novel Fuzzy Bayesian Network approach for safety analysis of process systems; An application of HFACS and SHIPP methodology. <i>Journal of Cleaner Production</i> , 2020, 244, 118761.	9.3	62
3	Human Error Analysis in a Permit to Work System: A Case Study in a Chemical Plant. <i>Safety and Health at Work</i> , 2016, 7, 6-11.	0.6	51
4	A Novel Fuzzy Bayesian Network-HFACS (FBN-HFACS) model for analyzing Human and Organization Factors (HOFs) in process accidents. <i>Chemical Engineering Research and Design</i> , 2019, 132, 59-72.	5.6	51
5	A neuro-fuzzy risk prediction methodology for falling from scaffold. <i>Safety Science</i> , 2019, 117, 88-99.	4.9	42
6	Health Effects Associated With Shift Work in 12-Hour Shift Schedule Among Iranian Petrochemical Employees. <i>International Journal of Occupational Safety and Ergonomics</i> , 2012, 18, 419-427.	1.9	30
7	Validity Assessment of the Persian Version of the Nordic Safety Climate Questionnaire (NOSACQ-50): A Case Study in a Steel Company. <i>Safety and Health at Work</i> , 2016, 7, 326-330.	0.6	24
8	Experimental investigation of the chemical reduction of nitrate ion in aqueous solution by Mg/Cu bimetallic particles. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 102, 313-329.	1.7	23
9	Preparation of a new adsorbent from activated carbon and carbon nanofiber (AC/CNF) for manufacturing organic-vacbpour respirator cartridge. <i>Iranian Journal of Environmental Health Science & Engineering</i> , 2013, 10, 15.	1.8	23
10	Occupational stressors among firefighters: application of multi-criteria decision making (MCDM) Techniques. <i>Heliyon</i> , 2020, 6, e03820.	3.2	22
11	Preparation of a sepiolite/Cu-BDC nanocomposite and its application as an adsorbent in respirator cartridges for H ₂ S removal. <i>New Journal of Chemistry</i> , 2019, 43, 11575-11584.	2.8	20
12	Individual cognitive factors affecting unsafe acts among Iranian industrial workers: An integrative meta-synthesis interpretive structural modeling (ISM) approach. <i>Safety Science</i> , 2019, 120, 89-98.	4.9	20
13	Occupational stress among nurses and pre-hospital emergency staff: application of fuzzy analytic hierarchy process (FAHP) method. <i>EXCLI Journal</i> , 2018, 17, 808-824.	0.7	20
14	Respiratory Disorders Associated with Occupational Inhalational Exposure to Bioaerosols among Wastewater Treatment Workers of Petrochemical Complexes. <i>International Journal of Occupational and Environmental Medicine</i> , 2015, 6, 41-49.	4.2	18
15	Safety performance evaluation in a steel industry: A short-term time series approach. <i>Safety Science</i> , 2018, 110, 285-290.	4.9	17
16	Ventilatory disorders associated with occupational inhalation exposure to nitrogen trihydride (ammonia). <i>Industrial Health</i> , 2018, 56, 427-435.	1.0	16
17	Fire Risk Assessment in Healthcare Settings: Application of FMEA Combined with Multi-Criteria Decision Making Methods. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-12.	1.1	15
18	Strategies for controlling violence against health care workers: Application of fuzzy analytical hierarchy process and fuzzy additive ratio assessment. <i>Journal of Nursing Management</i> , 2020, 28, 777-786.	3.4	15

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19	Mechanical and barrier properties of XNBR-clay nanocomposite: a promising material for protective gloves. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 289-296.	2.4	14
20	Prevalence of self-reported work-related illness and injuries among building construction workers, Shiraz, Iran. <i>EXCLI Journal</i> , 2018, 17, 724-733.	0.7	14
21	Excessive Daytime Sleepiness and Safety Performance: Comparing Proactive and Reactive Approaches. <i>International Journal of Occupational and Environmental Medicine</i> , 2020, 11, 95-107.	4.2	14
22	Knowledge, perceptions and practices of healthcare workers regarding the use of respiratory protection equipment at Iran hospitals. <i>Journal of Infection Prevention</i> , 2018, 19, 29-36.	0.9	13
23	The Factors Affecting Unsafe Behaviors of Iranian Workers: A Qualitative Study Based on Grounded Theory. <i>Safety and Health at Work</i> , 2021, 12, 339-345.	0.6	13
24	Effects of Low-level Occupational Exposure to Ammonia on Hematological Parameters and Kidney Function. <i>International Journal of Occupational and Environmental Medicine</i> , 2019, 10, 80-88.	4.2	13
25	Identifying the influential contributing factors to micro-enterprises' workplace accidents using a hybrid D-DEMATEL-IFISM method. <i>Expert Systems With Applications</i> , 2022, 200, 117059.	7.6	13
26	Transport properties of carboxylated nitrile butadiene rubber (XNBR)-nanoclay composites; a promising material for protective gloves in occupational exposures. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 51.	3.0	12
27	Prevalence of Chronic Diseases and Occupational Injuries and their Influence on the Health-Related Quality of Life Among Farmers Working in Small-Farm Enterprises. <i>Journal of Agromedicine</i> , 2019, 24, 248-256.	1.5	12
28	How do medical gloves affect manual performance? Evaluation of ergonomic indicators. <i>International Journal of Industrial Ergonomics</i> , 2021, 81, 103062.	2.6	12
29	Applying analytic hierarchy process and failure likelihood index method (AHP-FLIM) to assess human reliability in critical and sensitive jobs of a petrochemical industry. <i>Heliyon</i> , 2022, 8, e09509.	3.2	12
30	Respiratory Disorders Among Workers in Slaughterhouses. <i>Safety and Health at Work</i> , 2017, 8, 84-88.	0.6	11
31	Evaluation of Respiratory Protection Program in Petrochemical Industries: Application of Analytic Hierarchy Process. <i>Safety and Health at Work</i> , 2018, 9, 95-100.	0.6	11
32	Indoor air quality-induced respiratory symptoms of a hospital staff in Iran. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 50.	2.7	11
33	Occupational Stressors among Farmers in Iran Using Fuzzy Multiple Criteria Decision-Making Methods. <i>Journal of Agromedicine</i> , 2020, 25, 28-37.	1.5	11
34	A Descriptive Study of Occupational Health Services in Self-employed Enterprises (Nanoscale) <i>TJ ETQq0 0 0 rgBT /Overlock 10 Tf 50 142</i>	0.6	10
35	Prediction of metabolic syndrome based on sleep and work-related risk factors using an artificial neural network. <i>BMC Endocrine Disorders</i> , 2020, 20, 169.	2.2	10
36	Modeling the factors affecting unsafe behaviors using the fuzzy best-worst method and fuzzy cognitive map. <i>Applied Soft Computing Journal</i> , 2022, 114, 108119.	7.2	10

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37	Structural equation modeling of safety performance based on personality traits, job and organizational-related factors. <i>International Journal of Occupational Safety and Ergonomics</i> , 2020, , 1-15.	1.9	9
38	Effective factors on not using the N95 respirators among health care workers: Application of Fuzzy Delphi and Fuzzy Analytic Hierarchy Process (FAHP). <i>Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management</i> , 2017, 37, 36-46.	0.7	8
39	Facial anthropometric measurements in Iranian male workers using Digimizer version 4.1.1.0 image analysis software: a pilot study. <i>International Journal of Occupational Safety and Ergonomics</i> , 2018, 24, 570-576.	1.9	8
40	Feasibility of replacing homemade solutions by commercial products for qualitative fit testing of particulate respirators: a mixed effect logistic regression study. <i>MethodsX</i> , 2019, 6, 1313-1322.	1.6	8
41	Let's get back to work: Preventive biological cycle management of COVID-19 in the workplace. <i>Work</i> , 2020, 66, 713-716.	1.1	8
42	Quantitative fit testing of filtering face-piece respirators during the COVID-19 pandemic reveals anthropometric deficits in most respirators available in Iran. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 805-817.	3.0	8
43	Is "invisible gorilla" self-reportedly measurable? Development and validation of a new questionnaire for measuring cognitive unsafe behaviors of front-line industrial workers. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021, 27, 852-866.	1.9	7
44	Interactions among Cognitive Factors Affecting Unsafe Behavior: Integrative Fuzzy DEMATEL ISM Approach. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-18.	1.1	7
45	Qualitative fitting characteristics of filtering face-piece respirators on Iranian people. <i>Journal of Environmental Health Science & Engineering</i> , 2020, 18, 587-597.	3.0	7
46	Occupational Health Problems and Safety Conditions among Small and Medium-Sized Enterprises: A Cross-sectional Study in Shiraz, Iran. <i>Annals of Global Health</i> , 2019, 85, .	2.0	7
47	Respiratory Protection Program Compliance in Iranian Hospitals: Application of Fuzzy Analytical Hierarchy Process. <i>Workplace Health and Safety</i> , 2018, 66, 173-182.	1.4	6
48	Assessment of aloe vera for qualitative fit testing of particulate respirators: a logistic regression approach. <i>Industrial Health</i> , 2020, 58, 46-53.	1.0	6
49	Does Size Affect the Rate of Perforation? A Cross-sectional Study of Medical Gloves. <i>Annals of Work Exposures and Health</i> , 2021, 65, 854-861.	1.4	6
50	A scientometric study of unsafe behavior through Web of Science during 1991-2020. <i>International Journal of Occupational Safety and Ergonomics</i> , 2022, 28, 2033-2045.	1.9	6
51	Self-Reported, Work-Related Injuries and Illnesses Among Restaurant Workers in Shiraz City, South of Iran. <i>Annals of Global Health</i> , 2019, 85, .	2.0	6
52	Emission of Carbon Nanofiber (CNF) from CNF-Containing Composite Adsorbents. <i>Journal of Occupational and Environmental Hygiene</i> , 2012, 9, D130-D135.	1.0	5
53	Occupational Safety and Health Measures in Micro-scale Enterprises (MSEs) in Shiraz, Iran. <i>Journal of Occupational Health</i> , 2016, 58, 201-208.	2.1	5
54	Knowledge, Performance, and Attitude Towards Mask Use to Prevent and Control COVID-19 Outbreak Among a Group of Iranian People: A Cross-sectional Study. <i>Shiraz E Medical Journal</i> , 2021, In Press, .	0.3	5

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55	Presenteeism and work ability: development of the Persian version of the Stanford Presenteeism Scale (P-SPS-6) and measurement of its psychometric properties. <i>BMC Psychology</i> , 2021, 9, 120.	2.1	5
56	Improvement of performance and function in respiratory protection equipment using nanomaterials. <i>Journal of Nanoparticle Research</i> , 2022, 24, 76.	1.9	5
57	Revising Organic Vapour Respirator Cartridge Change Schedule: a Case Study of a Paint Plant in Iran. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2013, 64, 133-138.	0.7	4
58	Bioremediation and microbial degradation of benzo[a]pyrene in aquatic environments: a systematic review. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-16.	3.3	4
59	The Medical Gloves Assessment Tool (MGAT): Developing and validating a quantitative tool for assessing the safety and ergonomic features related to medical gloves. <i>Journal of Nursing Management</i> , 2021, 29, 591-601.	3.4	4
60	The Prevalence of Unsafe Behaviors in Iranian Workers: A Systematic Review and Meta-Analysis. <i>Iranian Journal of Public Health</i> , 2021, 50, 257-270.	0.5	4
61	Qualitative Fit Testing of Medium - Size N95/FFP2 Respirators on Iranian Health Care Workers. <i>Health Scope</i> , 2018, 7, .	0.6	4
62	Understanding uptake of prevention and mitigation of COVID-19 at work actions in Iran. <i>Work</i> , 2021, 70, 777-784.	1.1	4
63	Development of Comprehensive Occupational Health Risk Assessment (COHRA) Method: Case Study in a Petrochemical Industry. <i>MuhandisÄ«-i BihdÄsht-i Å¥irfah/Ä«</i> , 2018, 5, 53-62.	0.2	3
64	Semi-Quantitative Risk Assessment of Occupational Exposure to Hazardous Chemicals in Health Center Laboratories (Case Study). <i>Shiraz E Medical Journal</i> , 2019, 20, .	0.3	3
65	Adaptation of the standardized plant analysisâ€“risk human reliability analysis technique for the surgical setting: expert judgment approach. <i>International Journal of Occupational Safety and Ergonomics</i> , 2023, 29, 17-24.	1.9	3
66	The global incidence and associated factors of surgical gloves perforation: A systematic review and meta-analysis. <i>Work</i> , 2022, , 1-11.	1.1	3
67	Safety culture maturity and resilience engineering in an oil drilling industry: A comparison study among government-owned and private companies. <i>Work</i> , 2021, 70, 443-453.	1.1	2
68	Safety and Health Risk Assessment in Mosques, Shiraz, Iran. <i>Shiraz E Medical Journal</i> , 2018, 19, .	0.3	2
69	Development and Validation of HOSHRA Index for Occupational Safety and Health Risk Assessment in Hospitals. <i>Shiraz E Medical Journal</i> , 2020, 21, .	0.3	2
70	Air monitoring of aromatic hydrocarbons during automobile spray painting for developing change schedule of respirator cartridges. <i>Journal of Environmental Health Science & Engineering</i> , 2014, 12, 41.	3.0	1
71	The effect of biological rhythms and personality traits on the incidence of unsafe behaviors among bus drivers in Shiraz, Iran. <i>Journal of Injury and Violence Research</i> , 2018, 10, 3-10.	0.4	1
72	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. <i>International Journal of Occupational Safety and Ergonomics</i> , 2022, 28, 501-506.	1.9	1

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73	Qualitative fitting characteristics of elastomeric half face-piece respirators using Isoamyl acetate agent. <i>Industrial Health</i> , 2021, 59, 272-282.	1.0	1
74	Coronavirus-Related Opportunities for Promoting Occupational Health and Safety. <i>Shiraz E Medical Journal</i> , 2020, 21, .	0.3	1
75	Quantification of the impact of factors affecting the technical performance of operating room personnel: Expert judgment approach. <i>Journal of Healthcare Risk Management: the Journal of the American Society for Healthcare Risk Management</i> , 2022, 41, 9-16.	0.7	1
76	Removal of benzo [a]pyrene vapours from the air stream using the two-phase partitioning bioscrubber: an intervention study. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-15.	3.3	0
77	Risk assessment of probable human errors in scaffold erection and dismantling procedure: A fuzzy approach. <i>International Journal of Occupational Safety and Ergonomics</i> , 2021, , 1-16.	1.9	0
78	Assessment of masks used by healthcare workers: Development and validation of a Mask Qualitative Assessment Tool (MQAT). <i>Safety and Health at Work</i> , 2022, , .	0.6	0