

Date of completion: 2024

First name: Roohalah

Last name: Hajizadeh

Affiliation: Department of Occupational Hygiene and Safety, School of Public Health and Safety, Shahid Beheshti University of Medical Sciences, Tehran, Iran(Tel:021- 22432040-1) roohalahhajizade@gmail.com

Specialty Records Bachelor of Science: of Occupational Hygiene and Safety (2011)

Master of Science: Occupational Hygiene and Safety (2014)

M.S. Thesis: Heat Stress

Ph.D.: Occupational Hygiene and Safety (2019)

Ph.D. Thesis: Noise Control

Published papers sited in Web of Science, PubMed, Scopus, Google Scholar

Number	Title	Journal	Year
1	The effect of nano- and microfillers on thermal properties of Polyurethane foam	International Journal of Environmental Science and Technology	2022
2	Evaluation of workers' exposure to hand-arm vibration of impact wrench in heavy vehicles puncture shops and providing control methods	Iran Occupational Health	2022
3	Investigation of Acoustic Properties of Polymer Nanocomposites Polymer	Journal of Health and Safety at Work	2019

	Regarding Combined Sound Absorption and Insulation Characteristics		
4	Evaluation of noise pollution before and after performing corrective measures in operational units of reservoirs and petroleum products transportation of Abadan oil refinery	Iran Occupational Health	2019
5	Improving the sound absorption properties of flexible polyurethane (PU) foam using nanofibers and nanoparticles	Sound and Vibration	2019
6	The effect of sound with different frequencies on selective attention and human response time	Iran Occupational Health	2018
7	Effect of traffic noise on mental performance with regard to introversion and task complexity	Applied Acoustics	2018
8	Evaluating the whole body vibration exposure in walking tiller operators	Research Journal of Pharmacy and Technology	2018
9	Relationship between the dose of noise exposure with sleep quality and noise annoyance in industrial workers	Research Journal of Pharmacy and Technology	2018
10	The effects of traffic noise on drivers' cognitive performance	Iran Occupational Health	2015
11	The role of individual and personality traits in noise annoyance	Annals of Medical and Health Sciences Research	2018
12	Investigating the effect of hot and cold polyurethane foam on reducing whole body vibration of forklift operators	Work	2024
13	A survey on road hazardous material transportation accidents in Iran	International Journal of Injury Control and Safety Promotion	2022
14	Relationship between the Dose of Noise Exposure with Sleep Quality and Noise Annoyance in Industrial Worker	Research Journal of Pharmacy and Technology	2018

15	The impact of traffic noise on mental performance considering complexity of activities	Journal of Health and Safety at Work	2015
16	Investigating the effect of light color temperature on selective attention, error and human reaction time	Iran Occupational Health	2020
17	The assessment of heat stress in the employees of the confectionery workshops based on wbgt and di indexes: Case of Ilam city	Iran Occupational Health	2019
18	Presentation of an operational program to reduce vulnerability of outdoor workers to to heat stress and climate change	Iran Occupational Health	2019
19	Feasibility of esi index to assess heat stress in outdoor jobs	Journal of Occupational and Environmental Health	2016
20	Effect of occupational exposure to extremely low frequency electromagnetic fields on level of thyroid hormones effective on fatigue	Iran Occupational Health	2019
21	Exposure assessment of arc welders to extremely low frequency magnetic field: Its relationship with the secretion of paratormone hormone and mood states	Journal of Health and Safety at Work	2016
22	ROLE OF RADIOACTIVE EMITTING PARTICLE SIZE ON DISPERSION OF B AND A EMITTING PARTICLES IN TEHRAN RESEARCH REACTOR SAFETY ENCLOSURE	JOURNAL OF HEALTH AND HYGIENE	2013
23	Assessment of contrast perception of obstacles in a tunnel entrance	Health Promotion Perspectives	2018
24	Survey of discomfort glare from the headlamps of cars widely used in Iran	Traffic Injury Prevention	2017
25	Safety Evaluation of the Lighting at the Entrance of a Very	Safety and Health at Work	2017

	Long Road Tunnel: A Case Study in Ilam		
26	Offering a model for estimating black globe temperature according to meteorological measurements	Meteorological Applications	2017
27	Validating the heat stress indices for using in heavy work activities in hot and dry climates	Journal of Research in Health Sciences	2016
28	Heat stress assessment in outdoor workplaces of a hot arid climate based on meteorological data: A case study in Qom, Iran	Journal of Military Medicine	2015
29	Effect of Heat Stress on Productivity Loss of Outdoor Workers: A Case Study in a Hot and Dry Climate	Journal of Health	2018
30	Assessing the heat stress of brick-manufacturing units' workers based on WBGT index in Qom city	Journal of Health and Safety at Work	2015
31	Productivity loss from occupational exposure to heat stress: a case study in brick workshops/Qom-Iran	International Journal of Occupational Hygiene	2014
32	Investigation heat stress in small enterprise in Qom city	Journal of Health and Safety at Work	2014
33	The Effect of Thermal Stress on Asphalt Workers' Function and Their Physiological Parameters	International Journal of Occupational Hygiene	2014
34	Epidemiological study of Qom construction accidents and provide an algorithm for accidents recordation	Iran Occupational Health	2015
35	Modeling the result of hexane leakage from storage tanks and planning an emergency response programm in a petrochemical complex	Iran Occupational Health	2016
36	Modeling the result of hexane leakage from storage tanks and planning an emergency response programm in a petrochemical complex	Iran Occupational Health	2016

37	Pulmonary functions and health-related quality of life among silica-exposed workers	Tanaffos	2017
38	Compliance of children's play equipment in urban parks of gonabad with national safety standards: A case study	Iran Occupational Health	2019
39	The semi-quantitative risk assessment of the occupational exposure to chemical contaminants among workers of the industrial wastewater unit in an oil refinery	Iran Occupational Health	2019
40	Design of children's play equipment (slides, swing, See-Saw) in urban Parks based on national standards and children's anthropometric data	Journal of Health and Safety at Work	2021
41	Evaluation the extent of explosion, ignition and gas leakage consequences in cylinders containing 26.2-Liters of liquid gas, with passive defense approach	Journal of Military Medicine	2018
42	Investigation of the most important direct cause of occupational accidents based on the Pareto Chart	Iran Occupational Health	2015
43	Investigation of the accidents recorded at an emergency management center using the Pareto chart: a cross-sectional study in Gonabad, Iran, during 2014-2016	Health in emergencies and disasters quarterly	2018
44	Modelling the consequences of explosion, fire and gas leakage in domestic cylinders containing LPG	Ann Med Health Sci Res	2018
45	Relationships between Personality Characteristics, Demographic Factors and Occupational Stress among Nurses	Journal of Occupational and Environmental Health	2016

46	Accident investigation of construction sites in Qom city using Pareto chart (2009-2012)	Journal of Health and Safety at Work	2015
47	The role of workload and job satisfaction in general health of industrial workers in Gonabad, Iran, in 2015	Journal of Occupational Health and Epidemiology	2014
48	Workload, occupational stress, and general health of female employees of public welfare centers	Journal of Occupational Health and Epidemiology	2013

Book

Acoustic basics and sound evaluation in industry
Sound control in industry and acoustics
Ultraviolet, Identification, evaluation and control