

Curriculum Vitae

Behzad Saranjam

Instructor in Department of Occupational Health and Safety Engineering



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Education background

Degree	Major	Tendency	University	Title of Dissertation
M.Sc.	Occupational Health	Developing Method	Shahid Beheshti University of Medical Sciences	Validation Of A Method Adapted From NIOSH For The Analysis Of Airborne Crystalline Silica Aerosols
B.Sc.	Occupational Health	-	Shahid Sadoughi University of Medical Sciences	-

Research Interests

Interests

Sampling, evaluation and control of workplace air pollutants

Assessment and control of air pollution and design of industrial ventilation systems Modeling

Employment experience

Year	Rank	Department	College	University
2015-2023	Instructor	Occupational Health and safety Engineering	School of Health	Ardabil University of Medical Sciences

Teaching experience

Course	Degree	University
Analysis and Evaluation of Air Samples	B.Sc.	Ardabil University of Medical Sciences
Basics of Air Pollution Control	B.Sc.	Ardabil University of Medical Sciences
Industrial Ventilation	B.Sc.	Ardabil University of Medical Sciences
Occupational Toxicology	B.Sc.	Ardabil University of Medical Sciences
Apply of Chemicals and Poisons	B.Sc.	Ardabil University of Medical Sciences
Chemical Safety	B.Sc.	Ardabil University of Medical Sciences
Heat Stress in the Workplace	B.Sc.	Ardabil University of Medical Sciences
Occupational Health	B.Sc.	Ardabil University of Medical Sciences
Heat And Cold Stress At Workplace	B.Sc.	Ardabil University of Medical Sciences
Gases and Aerosols Dynamics	B.Sc.	Ardabil University of Medical Sciences
The Basics of Sampling Pollutants in The Workplace	B.Sc.	Ardabil University of Medical Sciences

Publication (Books)

Title	Publication	Year	Language	Status
The Study Of 100 Tremendous Events	Fadak Isatis	2017	Persian	Printed
Aerosol technology	Ardabil University of Medical Sciences	2018	Persian	Printed
Industrial ventilation (ACGIH) 30 th Edition, Volume 1	Shahid Beheshti University of Medical Sciences	2021	Persian	Printed
Industrial ventilation (ACGIH) 30 th Edition, Volume 2	Shahid Beheshti University of Medical Sciences	2021	Persian	Printed

Publication(Articles)

Title	Journal	Year
Evaluation of Occupational Exposure with Vinyl Chloride Monomer in the Plastic Production Industry in Tehran	Journal of Safety Promotion and Injury Prevention	2014
Occupational Health and Safety Climate Assessment and Factors Affecting It in Small Workshops Ardabil	Journal of Occupational and Environmental Health	2016

Investigating Prevalence and Factors Associated with Shiftwork Disorder in Nurses of Selected Hospitals of Shahid Beheshti University of Medical Sciences in 2014	Journal of Occupational and Environmental Health	2016
Noise Reduction Using Technical and Engineering Measures in Welding Unit of a Water Heater Manufacture Plant in Tehran	Journal of Occupational and Environmental Health	2016
Assessment of Exposure to Ultraviolet and Infrared Radiation and the Effect of Ocular Protection on Workers in the Steel Industry	Journal of Occupational and Environmental Health	2017
An Experimental Study of the Effects of Combined Exposure to Microwave and Heat on Gene Expression and Sperm Parameters in Mice	Journal of Human Reproductive Sciences	2017
Risk Evaluation of Construction Workers' Exposure to Silica Dust and the Possible Lung Function Impairments	TANAFFOS	2017
Investigating the Relationship between the Rate of Perceived Exertion with Heart Rate and Deep Temperature in Laboratory Condition in Order to Assess the Thermal Strain	Journal of Occupational and Environmental Health	2018
Exposure and risk assessment of PAHs in indoor air of waterpipe cafés in Ardebil, Iran	Building and Environment	2019
Hospital Occupational Safety and Health Risk Assessment	Pakistan Journal of Medical and Health Sciences	2020
Assessment of Health and Safety Hazards in Hospitals using five methods and comparing the results with the FMEA method	Pakistan Journal of Medical and Health Sciences	2020
The Effect of Cellular Phone Microwave Radiation on Sperm Fertility Indices (Count, Motility, Viability and Morphology) in Mice	Journal of Health	2020
The Relationship of General Health Condition with Safety Attitudes and Demographical Specifications in Workers of Car after-Sale Services Workshops Iran 2019	Indian Journal of Forensic Medicine & Toxicology	2020
Gamma radiation in the mineral hot springs of Ardabil, Iran: Assessment of Environmental Dose Rate and health risk for swimmers	Environmental Monitoring and Assessment	2020
The Effects of Implementing an Occupational Health and Safety Management System on Functional Indices: A Five-year Study in Casting Industry	Malaysian Journal of Medicine and Health Sciences	2020
The effects of ventilation and building characteristics on indoor air quality in waterpipe cafés	Journal of Exposure Science & Environmental Epidemiology	2020

Survey of General Health of Shift Workers of Tehran Tunnel Construction Using GHQ Questionnaire	Journal of Health	2021
Exposure to BTEX concentration and the related health risk assessment in printing and copying centers	Environmental Science and Pollution Research	2021
Characteristics and health risk assessment of heavy metals in indoor air of waterpipe cafes	Building and Environment	2021
Urinary concentrations of BTEX in waterpipe smokers and nonsmokers: Investigating the influence of conventional activities and multiple factors	Ecotoxicology and Environmental Safety	2022
Latent class analysis of occupational accidents patterns among Iranian industry workers	Scientific reports	2022

Thesis/dissertation

Title	Degree	Role	University	Year	Status
Investigating the amount of metal mercury in the air dental clinics in Ardabil city in 1400	doctor of dentistry	Advisor	Ardabil University of Medical Sciences	2022	Finished

Skills

Others
Proficiency In Surfer Software
Proficiency In Surfer Software
Mastery Of Endnote Software
Proficiency in Office Software
Consultation, Evaluation and Design of Industrial Ventilation
Training of Safety Courses