

CURRICULUM VITAE

Name: Mohammad Hoseini

Date of birth: 13 January 1983

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I held my Ph.D. Degree in Environmental Health from Tehran University of Medical Sciences, Tehran, Iran. As an academic member of Shiraz University of Medical Sciences, I do research in the field of air pollution and human exposure assessment and I have published several ISI papers in related venues. I am the secretary general of Iranian Association of Environmental Health and also a member of Iranian National Committee for air pollution Research, Ministry of Health.

Find me at authors' profiles systems:

❖ **Scopus author ID:**

✓ <https://www.scopus.com/authid/detail.uri?authorId=55531569700>

❖ **ISI Researcher ID:**

✓ <http://www.researcherid.com/rid/M-6971-2017>

❖ **Google (scholar) citation service:**

✓ <https://scholar.google.com/citations?user=p4mDLIEAAAAJ&hl=en>

❖ **ORCID:**

✓ <https://orcid.org/0000-0001-5180-3047>

Educations

9/2010 – 10/2015	Ph.D. Environmental Health, Tehran university of medical sciences, Tehran-Iran. Thesis title: Assessment of environmental exposure of Tehran residents to PAH by measuring biomarkers of exposure and its carcinogenic risk assessment from inhalation pathway
9/2007 - 2/2010	MS. Environmental Health Engineering, Tehran university of medical sciences, Tehran-Iran. Thesis title: Investigation of presence of mycobacterium tuberculosis and other airborne bacteria in indoor and outdoor air of Tehran Subway system
2004 - 6/2007	B.Sc. (Eng.). Environmental Health Engineering, Tehran university of medical sciences, Tehran-Iran.

Honors/Awards

- ❖ The first National rank in the MSc entrance exam of Environmental Health Engineering, Ministry of Health and Medical Education, 2007.
 - ❖ The first National rank in the Ph.D entrance exam of Environmental Health Engineering, Ministry of Health and Medical Education, 2009.
 - ❖ Receiving the Statue and the title of the Top Book for translation of the book "Integrated Solid Waste Management" at the Research and Education Festival in the Department of Urban and Rural Management of the Ministry of the interior, 2011.
 - ❖ Receiving the Statue of Top Article title in the 15th National Conference on Environmental Health of Tabriz University of Medical Sciences, 2013.
 - ❖ Receiving the Statue of the Top Article at the 18th National Conference on Environmental Health of Shiraz University of Medical Sciences, 2016.
 - ❖ Receiving the Statue of top book for translation of the book "Safe management of wastes from health-care activities" at the 8th Iranian Environmental Health Science Festival, 2016.
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Membership

- ❖ Member of Center of Top Talent Students (Tehran University of Medical Sciences) (2010-2013)
 - ❖ Secretary general and member of community directorates Wof Iranian Scientific Association of Environmental Health, (2015-present)
 - ❖ Member of National Committee for air pollution Research, Ministry of Health (2015-present)
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Course Teaching

Course name	Degree	Institution
Air Pollution	B.Sc	Academic center for education culture and research, Tehran Branch
Air Pollution	B.Sc	Shiraz University of medical science
Air Pollution Control	M.Sc	Shiraz University of medical science
Global effects of air pollution	M.Sc	Shiraz University of medical science
Environmental Health Management	M.Sc	Shiraz University of medical science
Air pollution Control	Ph.D	Shiraz University of medical science
Environmental Health in Emergencies and Disasters	Ph.D	Shiraz University of medical science
Climate Change and Its Health Impacts	Ph.D	Shiraz University of medical science

Workshop Teaching

Title	Place
Principles of Health-care waste management	Tehran University of Medical Sciences
Application of Risk Assessment in Water Recycling Projects	Institute for Environmental Health Research, Tehran University of Medical Sciences
Validation and Monitoring of Health Care Waste Treatment Facilities	1th international conference on environmental pollutants sampling and monitoring(EPSM-2016), University of Tehran
The Health effects of drought and drying of lakes and wetlands on the inhabitants of adjacent areas	Department of Environmental Protection of Fars province
Health Effects of Droughts and Drying	Fars Research Center for Agriculture and Natural

Research Experience (up to now):

Title	Place of research study
Investigating the exposure of Tehran residents to polycyclic aromatic hydrocarbons (PAHs) using biomarkers of exposure and assessing the risk of carcinogens from the inhalation source	Tehran University of Medical Science
Surveying the exposure of residents of Tehran to bisfenol A	Tehran University of Medical Science
The study of exposure of primary school students in two regions of Shiraz with multi-rings aromatic hydrocarbons using the 1-hydroxy-cyperimeters biomarker and its relation with this pollutant in ambient air	Shiraz University of Medical Science
Investigation of the concentration, characteristics and chemical composition of suspended particles with aerodynamic diameter smaller than 10 μm (PM_{10}) in the ambient air of Shiraz city center in 2016	Shiraz University of Medical Science
Modification of Air Quality Index (AQI) using Fuzzy Multi-criteria Decision Making Model in Iran	Shiraz University of Medical Science
Monitoring of heavy metals, anions and cations concentration in atmospheric precipitation of Shiraz	Shiraz University of Medical Science
Selection of the Best Location of Air Quality Monitoring Stations by Integrating the Geographic Information System and Fuzzy Group Multivariate Decision-Making Model: A Case Study of Shiraz City	Shiraz University of Medical Science
Investigating the concentrations of radon gas in mines, rock factories, residential buildings and public places in Neyriz, Fars province in 2017	Shiraz University of Medical Science
Indoor fungal contamination of surface and air a traditional baths Shiraz in 1396.	Shiraz University of Medical Science
Investigation of BTEX concentration in ambient air of Shiraz city and assess the best model for its interpolation using GIS	Shiraz University of Medical Science
Investigation of type and density of bioaerosols (fungi and bacterial) and particle matters (PM_{10}) in indoor air of veterinary clinics in Shiraz	Shiraz University of Medical Science
Determination of concentration of particulate	Shiraz University of Medical Science

matters with aerodynamic diameter less than 10 micrometer (PM ₁₀) and heavy metals in air around Lake Bakhtegan 2017	
Exposure assessment of phases 15 and 16 south pars workers to BTEX using biomonitoring in 2017	Shiraz University of Medical Science
Investigation of using alumina foam supported CuMnOx nano catalysts in vented gas space heaters for removing carbon monoxide	Shiraz University of Medical Science
Source apportionment of volatile organic compounds in atmosphere of shiraz city during 2018	Shiraz University of Medical Science
Exposure assessment of infectious waste autoclave operators of shiraz hospitals to Aromatic single-ring BTEX using biomarker of exposure	Shiraz University of Medical Science
Exposure assessment of pregnant women living in the vicinity of petrochemicals to BTEX compounds and evaluation of its possible impact on immune factors, IL-6 and TNF- α in 2019	Shiraz University of Medical Science
Knowledge, attitudes, and practices (KAP) of air pollution among shiraz citizen and its health effects in 2018	Shiraz University of Medical Science
Exposure assessment of Street Children to BTEX using bio monitoring in Tehran, 2019	Shiraz University of Medical Science
Biomonitoring of exposure to metals and metalloids and potential effects on cognition in the general population of Tehran, Iran	National institute for Medical Research Development
Investigating Assosiation Between History of Exposure to Air Pollutants And Incidence of Risk Factors of Cardiovascular Diseases in The Elderly of Shiraz: A Retrospective Cohort Study	Shiraz University of Medical Science
Investigation of the concentration of polycyclic aromatic hydrocarbons (PAHs) in children exposed to hookah smoke in Khesht city using biological monitoring	Shiraz University of Medical Science
A survey on the correlation between PM _{2.5} concentration and the incidence of suspicious cases and infected with COVID-19 referred to medical centers: A case study of Tehran province	Shiraz University of Medical Science
Does disinfection in public places against SARS-CoV-2 have health consequences?	National institute for Medical Research Development
Investigation the exposure of Urban and Rural	Shiraz University of Medical Science

Population of Darab with organophosphate pesticides using of biomonitoring approach in 2020	
Investigation of fungal and bacterial contamination in indoor air of bodybuilding clubs of Shiraz, Iran in 2020	Shiraz University of Medical Science

Professional Memberships

Title	Year
Member of the Scientific Committee of the 5th Conference on Health Sciences, Tehran	2009
Member of the executive committee of 15th National Conference on Environmental Health of Tabriz University of Medical Sciences	2013
Member of the Scientific Committee of the 18th National Conference on Environmental Health, Shiraz University of Medical Sciences	2015
Member of the Executive Committee of the eighteenth National Conference on Environmental Health, Shiraz University of Medical Sciences	2015
Member of the Presidium of the 18th National Conference on Environmental Health, Shiraz University of Medical Sciences	2015
Secretary of the 8th Iranian Environmental Health Science Festival	2016
The Jury of the 8th Iranian Environmental Health Science Festival	2016
Member of the Board of Jury of the 1th International and 19th National Conference On Environmental Health and Sustainable development, Tehran University of Medical Sciences	2016
Member of the Scientific Committee of the 1th International and 19th National Conference On Environmental Health and Sustainable development, Tehran University of Medical Sciences	2016
Member of the Presidium of the 1th International and 19th National Conference On Environmental Health and Sustainable development, Tehran University of Medical Sciences	2016
Member of the Board of Jury of the 2end International and 20th National Conference On Environmental Health and Sustainable development, Yazd University of Medical Sciences	2017
Member of the Scientific Committee of the 2end International and 20th National Conference On Environmental Health and Sustainable development, Yazd University of Medical Sciences	2017
Member of the Presidium of the 3rd International and 21st National Conference On	2018

Environmental Health and Sustainable development, Zanjan University of Medical Sciences	
Member of the Scientific Committee of the 3rd International and 21st National Conference On Environmental Health and Sustainable development, Zanjan University of Medical Sciences	2018
Member of the Presidium of the 22nd National Conference On Environmental Health and Sustainable development, Zanjan University of Medical Sciences	2020
Member of the Presidium of the 22nd National Conference On Environmental Health and Sustainable development, Tehran University of Medical Sciences	2020
Member of the Board of Jury of the 4th International and 23rd National Conference On Environmental Health and Sustainable development, Yazd University of Medical Sciences	2021
Member of the Scientific Committee of the 4th International and 23rd National Conference On Environmental Health and Sustainable development, Yazd University of Medical Sciences	2021

Direction of Thesis

Title	Position	Year
The study of exposure of primary school students in two regions of Shiraz with multi-rings aromatic hydrocarbons using the 1-hydroxycypermeters biomarker and its relation with this pollutant in ambient air	Advisor	2015
Investigation of the concentration, characteristics and chemical composition of suspended particles with aerodynamic diameter smaller than 10 μm (PM10) in the ambient air of Shiraz city center in 2016	Advisor	2016
Assessing exposure levels of employees in Phases 15 and 16 of South Pars with BTEX compounds using biomarkers in 2017	Supervisor	2017
Investigation of using alumina foam supported CuMnOx nano catalysts in vented gas space heaters for removing carbon monoxide	Supervisor	2018
Exposure assessment of pregnant women with polycyclic aromatic hydrocarbons (PAHs) and its possible effect on selected hematological and anthropometric parameters of neonates at birth in Shiraz, Iran;1397	Supervisor	2018
Exposure assessment of adult population to polycyclic aromatic hydrocarbons in Shiraz using exposure biomarkers and evaluate its potential effect on metabolic syndromes in 2019	Supervisor	2019
A survey on concentrations of Polycyclic Aromatic Hydrocarbons in	Advisor	2019

house settled dust and its association with Sick Building Syndrome symptoms in Shiraz		
Determination of the relationship between air pollution and the number of cases with acute respiratory and cardiac symptoms in the medical centers of Ahwaz in 2013	Advisor	2019
Investigation of BTEX concentration in indoor air of Residential and Commercial complexes in Shiraz and associated cancer and non-cancer risk assessment in 2020	Advisor	2020
Investigate of elementary school children of Boyer Ahmad county exposure to organophosphate pesticides using biomonitoring and its potential effect on cognitive performance	Supervisor	2020
Assessment and Selection of the best option for the reduction of air pollution in metropolises using the fuzzy Screening, BWM and Axiomatic design	Supervisor	2021

Professional Experience

- ❖ SAIPA Automobile Company, HSE Consultant, 2011.
- ❖ Refah Gostar Company of Iranian Social Security Organization (ISSO), Managing Director for Health Services, 2013.

List of publications

Title	Authors	Journal	Impact Factor	Year
Characterization and risk assessment of BTEX in ambient air of a Middle Eastern City	Fariba Abbasi, Hasan Pasalari, Juana Maria Delgado-Saborit, Ata Rafiee, Alireza Abbasi, Mohammad Hoseini,*	Process Safety and Environmental Protection	4.966	2020
Environmental chronic exposure to metals and effects on attention and executive function in the general population	Ata Rafiee, Juana Maria Delgado Saborit, Peter D Sly, Bernadette Quémerais, Fallah Hashemi, Sadaf	Science of the Total Environment	6.551	2020

	Akbari, Mohammad Hoseini*			
On the nature of heavy metals in PM ₁₀ for an urban desert city in the Middle East: Shiraz, Iran	Ali Parvzimehr, Abbas Norouzian Baghani, Mohammad Hoseini , Armin Sorooshian, Alberto Cuevas-Robles, Mohammad Fararouei, Mansooreh Dehghani	Microchemical Journal	3.594	2020
Assessing BTEX exposure among workers of the second largest natural gas reserve in the world: a biomonitoring approach	Moridzadeh, M. Dehghani, S. Rafiee, A. Hassanvand, M.S. Dehghani, M. Hoseini, M*	Environmental Science and Pollution Research	3.056	2020
Investigation of fungal contamination in indoor air and on surfaces of traditional public baths in a historical city	Tabatabaei, Z. Rafiee, A. Abbasi, A. Mehdizadeh, A. Morovati, R. Hoseini, M*	Journal of Environmental Health Science and Engineering	2.179	2020
Investigating the relationship between central nervous system biomarkers and short-term exposure to PM ₁₀ -bound metals during dust storms	Badeenezhad, A. Baghapour, M.A. Sorooshian, A. Keshavarz, M. Azhdarpoor, A. Goudarzi, G. Hoseini, M	Atmospheric Pollution Research	3.527	2020
Can respirator face masks in a developing country reduce exposure to ambient particulate matter?	Faridi, S. Nodehi, R.N. Sadeghian, S. Tajdini, M. Hoseini, M. Yunesian, M. Nazmara, S. Hassanvand, M.S.	Journal of Exposure Science and Environmental Epidemiology	3.531	2020

Naddafi, K				
Indoor radon concentrations in residential houses, processing factories, and mines in Neyriz, Iran	Shahsavani, S., Shamsedini, N., Tabatabaei, H.R., Hoseini, M*	Journal of Environmental Health Science and Engineering	2.179	2020
The effects of short-term exposure to selected heavy metals carried by airborne fine particles on neural biomarkers during dust storms	Badeenezhad, A. Baghapour, M.A. Keshavarz, M. Amrane, A. Hoseini, M	Human and Ecological Risk Assessment	2.300	2020
Determination of bacterial and fungal bioaerosols in municipal solid-waste processing facilities of Tehran	Ghanbarian, M., Ghanbarian, M., Ghanbarian, M., Mahvi, A.H., Hosseini, M.	Journal of Environmental Health Science and Engineering	2.179	2020
Lifestyle and occupational factors affecting exposure to BTEX in municipal solid waste composting facility workers	Ata Rafiee, Juana Maria Delgado- Saborit, Peter D Sly, Hoda Amiri, Mohammad Hoseini*	Science of the Total Environment	6.551	2019
Concentration and potential source identification of trace elements in wet atmospheric precipitation of Shiraz, Iran	Sahar Mirzaei, Hassan Hashemi, Mohammad Hoseini*	Journal of Environmental Health Science and Engineering	2.179	2018
Environmental and lifestyle factors affecting exposure to polycyclic aromatic hydrocarbons in the general population in a Middle Eastern area	Mohammad Hoseini , Ramin Nabizadeh, Juana Maria Delgado- Saborit, Ata Rafiee, Kamyar Yaghmaeian, Saeid Parmy, Sasan Faridi, Mohammad Sadegh Hassanvand, Masud Yunesian, Kazem Naddafi	Environmental Pollution	6.792	2018
Use of urinary biomarkers to characterize occupational exposure	Ata Rafiee, Juana Maria Delgado-	Science of the Total		2018

to BTEX in healthcare waste autoclave operators	Saborit, Elham Gordi, Bernadette Quémerais, Vahid Kazemi Moghadam, Wenjing Lu, Fallah Hashemi, Mohammad Hoseini*	Environment	6.551	
The impact of various festivals and events on recycling potential of municipal solid waste in Tehran, Iran	Ata Rafiee, Elham Gordi, Wenjing Lu, Yuzuru Miyata, Hossein Shabani, Shima Mortezazadeh, Mohammad Hoseini *	Cleaner Production	7.246	2018
Characterizing of fine particulate matter (PM1) on the platforms and outdoor areas of underground and surface subway stations	Ferdos Kord Mostafapour, Jalil Jaafari, Hamed Gharibi, Mohammad Reza Sepand, Mohammad Hoseini , Davoud Balarak, Mika Sillanpää, Allah Bakhsh Javid	Human and Ecological Risk Assessment: An International Journal	2.300	2018
Characterisation and potential source identification of polycyclic aromatic hydrocarbons in atmospheric particles (PM 10) from urban and suburban residential areas in Shiraz, Iran	S Shahsavani, M Hoseini , M Dehghani, M Fararouei	Chemosphere	5.778	2017
Bioaerosol exposure and circulating biomarkers in a panel of elderly subjects and healthy young adults	S Faridi, KNaddafi, H Kashani, R Nabizadeh, M Alimohammadi, F Momeniha, S Faridi, S Niazi, A Zare, A Gholampour, M Hoseini , Z	Science of the Total Environment	6.551	2017

	Pourpak, MS Hassanvand, M Yunesian			
Short-term effects of particle size fractions on circulating biomarkers of inflammation in a panel of elderly subjects and healthy young adults	MSHassanvand, K Naddafi, H Kashani, S Faridi, N Kunzli, R Nabizadeh, F Momeniha, A Gholampour, M Arhami, A Zare, Z Pourpak, M Hoseini , Masud Yunesian	Environmental Pollution	6.792	2017
Biological monitoring of urinary 1-hydroxypyrene by PAHs exposure among primary school students in Shiraz, Iran	Shahsavani S, Dehghani M, Hoseini M , Fararouei M	International Archives of Occupational and Environmental Health	1.935	2017
Biomonitoring of tobacco smoke exposure and self-reported smoking status among general population of Tehran, Iran	Hoseini M , Yunesian M, Nabizadeh R, Yaghmaeian K, Parmy, S. Gharibi H, Faridi, S, Hasanvand MS, Rastkari N. Ahmadkhaniha, AR, Mirzaei N, Naddafi K	Environmental Science and Pollution Research	3.056	2016
Characterization and risk assessment of polycyclic aromatic hydrocarbons (PAHs) in urban atmospheric Particulate of Tehran, Iran	M. Hoseini , M. Yunesian, R. Nabizadeh, K. Yaghmaeian, R. Ahmadkhaniha, N. Rastkari, S. Parmy, S. Faridi, A. Rafiee, K. Naddafi	Environmental Science and Pollution Research	3.056	2016
Study of Trace elements in wet atmospheric precipitation in Tehran, Iran	H. Kamani, M. Hoseini , Gh. Safari, A.H. Mahvi	Environmental Monitoring and Assessment Journal	1.903	2014

Concentration and characterization of airborne particles in Tehran's subway system	H. Kamani, M. Hoseini , M. Seyedsalehi, Y. Mahdavi, J. Jaafari, GH. Safari	Environmental Science and Pollution Research	3.056	2014
Concentration and distribution characteristics of airborne fungi in indoor and outdoor air of Tehran subway stations	M. Hoseini , K. Nadafi, H. Jabbari, , R. Nabizadeh, M. Rahbar, M. Younesian	Aerobiologia	2.708	2013
Investigation of Indoor and Outdoor Air Bacterial Density in Tehran Subway System	K. Nadafi, H. Jabbari, M. Hoseini *, R. Nabizadeh, M. Rahbar, M. Younesian	Iranian Journal of Environmental Health Science and Engineering	2.179	2011