



Curriculum Vitae (CV)

Name and Family name: *Seyed Bagher Mortazavi*

Birth date: *1958*

Nationality: *Iranian*

Marital status: *Married*

Address: *Department of Occupational Health Engineering, School of Medical Sciences, Tarbiat Modares University,*

Post code: *14115-331*

Email: *Sbmortazavi@yahoo.co.uk*

Educational background

BSc: Physics, Tarbiyat moalem University, Iran, 1985.

MSc: Occupational health, Tarbiat Modares University, Iran, 1987.

Ph.D: Occupational health, University of Bradford .1995.

Post-Ph.D :

Academic and scientific position:

- Dánešyár دانشیار (associate professor) and Academic member of Occupational Health Engineering Department, Tarbiat Modares University.

Administrative positions and scientific society memberships:

- 1- Chairman of the Occupational Health department. Isfahan University of medical sciences.
- 2- Deputy of school of health. Isfahan University of medical sciences.
- 3- Financial and Administrative Assistant, School of Health, Isfahan University of Medical Sciences.
- 4- Director General of the Environment department and the Advisor to the Minister of Industry.

- 5- Member of the National Committee for Sustainable Development Council, Environmental Protection Organization.
- 6- Director General of Environmental department and the advisor to the Oil Minister, National Petrochemical Company.
- 7- HSE Director and Advisor to the oil Minister in Environmental affairs, Ministry of Petroleum.
- 8- Member of Research Council of the Iranian Industrial Estates.
- 9- Member of the Iranian Scientific Research Council 2008 -2010
- 10- Member of the Safety and Environment Council of Tarbiat Modarres university.2007
- 11- Member of the Professional Committee of Occupational and Environmental Health of Tarbiat Modarres university.2008- 2010
- 12- Member and of the Health Education Professional Committee and representative of the Tarbiat Modarres university Research Council.
- 13- Member of the Professional Committee of Occupational and Environmental Health of the Tarbiat Modarres university Research Council. 2008- 2010
- 14- Member of the Professional Committee of National Institute of Genetic Engineering and Biotechnology (NIGEB)
- 15- Member of the Scientific Committee of the First National Conference on Health, Faculty of health sciences ,Tehran University of Medical Sciences.2008-2009
- 16- Member of the Scientific Committee of the First National Conference on Health and Safety at work and the Sixth Occupational Health Conference
- 17- Member of the Board of International Institute of Energy, Ministry of Science, Research and Technology.2006-2009
- 18- Activities inside and outside the country .Representative of the Faculty in Safety Committee of Tarbiat Modarres university.2007
- 19- Activities inside and outside the country. Member of the Scientific Committee of the Ninth International Conference on Environmental Health, Isfahan University of Medical Sciences. 2006
- 20- Participating in the meeting of the Professional board of Biotechnology in the Ministry of Sciences, Research and Technology. 2009
- 21- Member of the Council on Medical Education of Tarbiat Modarres university.2005
- 22- Presidium member of the Eighth International Conference on Environmental Health, Tehran University of Medical Sciences.2005
- 23- Invitee Member of the Board of Environmental Health Examiners, Tarbiat Modarres university.2004
- 24- Chairman of The Department of occupational and environmental health engineering, Tarbiat Modarres university.2004-2006
- 25- Member of the Scientific Committee for Occupational Safety and Health Conference, Ghazvin University of medical sciences and health services.2010
- 26- Member of the Biotechnology Committee, Ministry of Science, Research and Technology.2010
- 27- Member of the Professional Committee of Occupational and Environmental Health ,Tarbiat Modarres university.2008
- 28- Participation in National Genetic Engineering and Biotechnology Research Council Sessions
- 29- Reviewing journals and conferences articles and research projects of:
 - ✓ Zanjan University of Medical Sciences.
 - ✓ Third International Conference and Exhibition on Environmental Engineering Tehran.

- ✓ Review journal articles of Waste Water Consulting Engineers.
- ✓ the Second Conference on Environmental .Tehran University Faculty of Environment.

Some of the projects conducted in the field of Health, Safety and Environment (HSE)

- Introduction of ISO14000 to Iranian industries and providing initial training for more than 30 companies.
- Organizing more than 10 Feller in the petrochemical industry which created large quantities of air pollution in some neighbouring cities.
- Eliminating the Burn fit in Kharg , Mahshahr and around Ahwaz . While preventing air pollution, these big projects directed the gases and substances that had to be otherwise burned to towards production.
- Organizing the wastes produced during digging process and preventing the soil and water pollution.
- Active participation in cleaning the southern coastal areas and the CEP (Caspian Sea Environment Programme).
- Active participation in environmental regulation highlights the third and fourth five-year development.
- Pursuing the establishment of ISO14000 in more than 300 medium and large industries in Iran.
- Inventor and founder of the HSE in the Oil Ministry, which led to the formation and recruitment of 4000 personnel in petroleum industry and ended up in eliminating many of the parallel working.
- Removing firefighters in some oil-related industries and replacing them with production line personnel.
- Supervising the comprehensive firefighting project to protect large and small vessels in the pars port of Assaluyeh .
- Founder and supervisor of the Passive Defense system in the oil industry.
- Organizing and supervising the traffic plan of Mahshahr zone as a safety project.
- Supervising the design and construction of wastewater collection network in over 120 Industrial Estates (Industrial Parks).
- Supervising the design and construction of wastewater treatment in more than 40 Industrial Estates.
- Founder of the bureau of environment in industrial estates.
- Founder of HSE in Industrial Estates.
- Supervising industrial wastes management in industrial estates.

- Supervising the industrial air pollution management in industrial estates.
- Founder of the bureau of environment in ministry of industry.
- Supervising the design and construction of three electro filters in cement industry.
- Supervising the asbestos management plan in Iran.
- In charge of regulating and management of CFCs in industries.
- Standards Organization's representative in the Iranian Department of Environment.
- Preparing the solid and industrial wastes management patterns and ecolabeling programs.
- Supervising the construction of seven collecting stations and recycling and processing of PETs and plastics plants in Iran.
- Founder of HSE department in Iranian petrochemical industry.
- Supervising the construction of more than 30 industrial waste water treatment plants in the petrochemical industry.
- Supervising, organizing and emphasizing the role of HSE in oil industry running projects in a way that the significant record of more than thirty million working hours without incident was achieved.
- Supervision of more than 70 percent reduction in accidents in the oil industry.
- Supervision and management of several mines' waste water and swedge.
- Organizing the nutrition health system in Iranian petroleum industry.
- Organizing the hygienic facilities in residences and dormitories of the Iranian petroleum industry.
- Supervising the Energy audits on 10 large petroleum industry complexes.
- Supervising the design and construction of several waste water treatment facilities in large petroleum industries of Iran (the capacities of some reached 50 thousand cubic meters per day)
- Supervising the optimization of several waste water treatment facilities in some major petroleum industries.
- Preparing and providing more than 100 petroleum industries with safety instructions (e.g. how to work in confined spaces, etc)

Some of the Research projects conducted

- 1- Environmental assessment of special economic zone of Mahshahr, Imam Khomeini port , 1998-1999
- 2- Environmental assessment Assaluyeh zone, Asalouyeh port, 1998-1999

- 3- Environmental assessment of petrochemical plant in Kharazmi industrial town, Mashhad, 1998-1999
- 4- Qualitative and quantitative evaluation of atmospheric pollutants in Uromia and Tabriz Petrochemical Complexes, Uromia and Tabriz Petrochemical Complexes, 1999-2000.
- 5- Environmental assessment of Firoozkooh industrial town, Firoozkooh industrial Estate, 2000- 2001.
- 6- Environmental assessment of petrochemical plant in Nsirabad industrial Estate Nsirabad, Tehran, 2002-2003.
- 7- Biologically color removal from textile effluent, Mashad, 2002-2003.
- 8- Supervising and inspecting the construction activities of Assaluyeh, Mahshahr and kermanshah petrochemical complexes (I, II, III), Asalouyeh and Mahshahr, 2002- to be continued
- 9- Supervising and inspecting the construction of pump house storage of Siahbishe (I, II), Siahbishe, 2003- to be continued.
- 10- Supervising and inspecting Ilam Petrochemical project progress and its compliance with environmental concerns, Ilam, 2003- to be continued.
- 11- Environmental assessment of Kharg Petrochemical plant , Khark island, 2003
- 12- Supervising and inspecting the progress of Hamedan - Bijar 48-inch gas pipeline transmission project and its compliance with environmental concerns, Hamedan, 2005- to be continued.
- 13- Designing and supervising the construction and operating waste water treatment system of Tehranpars hospital, Tehran, 2006.
- 14- Remove of MTBE from the air by integrating catalytic converter and biological analysis methods in the adherent substrate growth, Tehran, 2006.
- 15- Environmental assessment of conducting petrochemical projects in Khark island, Khark Island, 2007.
- 16- The use of expert services in the preliminary study - safety evaluation of the production line in Shahid Joolayi boat manufacturing company, Anzali Port, 2007.
- 17-The use of expert services in the environmental assessment of Kharazmi industrial town based on the consumption pattern of the Supreme Council of Environment Protectio, Kharazmi Industrial Town, 2007.

Ph.D. Theses Supervised and Consulted

- 1- Development of ammonia adsorption technology by Iranian natural zeolites using hydrothermal and ion exchange techniques.
A thesis presented for the degree of PhD in occupational health.
By:
Hassan Asilian
Supervisor:
Dr.Seyyed Bagher Mortazavi
Advisor:
Dr.H.Kazemian

Tarbiat Modares University
 Faculty of Medical Sciences
 2003

- 2- Study effects of simultaneous exposure to noise and toluene on hearing function in rabbit.
 A thesis presented for the degree of PhD in occupational health.

By:

Ali Khavanin

Supervisor:

Dr.Seyyed Bagher Mortazavi

Advisor:

Dr. Y Fatholahi

Tarbiat Modares University

Faculty of Medical Sciences

2002

- 3- Study of alternation in preoxidant and antioxidant factors in blood and liver in protection of rabbits against hearing loss caused by noise and welding contaminants.
 A thesis presented for the degree of PhD in occupational health.

By:

Ramezan Mirzaee

Supervisor:

Dr.A.Allameh

Advisor:

Dr.Seyyed Bagher Mortazavi

Tarbiat Modares University

Faculty of Medical Sciences

2004

- 4- Changes in micronuclei and nuclear division in mouse peripheral blood exposed to toluene and microwave radiation at 890 and 950 MHz.
 A thesis presented for the degree of PhD in occupational health.

By: Ali Safari varyani

Supervisor:

Dr.Seyyed Bagher Mortazavi

Tarbiat Modares University

Faculty of Medical Sciences

2006

- 5- Filtration and removal of nitrogen oxides from the air by a process of reconciliation of plasma – chemical.

By: rasool Yarahmadi

Supervisor:

Dr.Seyyed Bagher Mortazavi

Tarbiat Modares University

Faculty of Medical Sciences

2007

- 6- Introduction of Comprehensive Risk Assessment and Management Approach for Petrochemical Feed and Product Pipelines Network.

By:

Mousa Jabbari Gharabagh
 Supervisor:
 Dr. Hasan Asilian
 Advisor:
 Dr.Seyyed Bagher Mortazavi
 Tarbiat Modares University
 Faculty of Medical Sciences
 Summer 2008

- 7- Manufacture development of sound absorber based on polymeric materials at low frequency
 By: Zeynolabedin Ghanbarzadeh Alamdari
 Supervisor :
 Dr.Ali Khavanin
 Advisors :
 Dr.Seyyed Bagher Mortazavi
 Dr.Mehrdad Kokabi
 Tarbiat Modares University
 Faculty of Medical Sciences
 Summer 2008
- 8- Decreasing the Emissions of Paving Grade Bitumen via Modification of Bitumen Using Waste Recycled Polymers and natural Bitumen.
 By: Yahya Rasoulzadeh
 Supervisors:
 Dr.Seyyed Bagher Mortazavi,
 Dr Ali Akbar Yousefi
 Advisors:
 Dr.Ali Khavanin, Dr Anoushirvan Kazemnejhad
 Tarbiat Modares University
 Faculty of Medical Sciences
 2010
- 9- Study on antioxidants effect in preventing rabbits' hearing loss exposed to noise and carbon monoxide simultaneously.
 By: Masoud Motalebi Kashani
 Supervisor: Dr.Seyyed Bagher Mortazavi
 Advisors:
 Dr Ali Khavanin
 Dr.Abdolamir Alameh
 Tarbiat Modares University
 Faculty of Medical Sciences
 2010
- 10- Investigation of nanofiltration performance for the removal of sulfate and total dissolved solids from groundwater in presence of hexavalent chromium
 By:
 Behnam Barikbin
 Supervisor:
 Dr.Seyyed Bagher Mortazavi,

Advisor:
 Dr.Sayed Gholamreza Moussavi
 Tarbiat Modares University
 Faculty of Medical Sciences
 2011

- 11- Combination of catalytic ozonation process with biological activated carbon in a fluidized bed treatment (FBT) for removal humic acid from water.

By:Ghorban Asgari

Supervisor:

Dr. Sayed Bagher Mortazavi

Advisor:

Dr.Seyed Jamaldin Hasheminan
 Dr. Seyed Gholamreza Moussavi
 Tarbiat Modares University
 Faculty of Medical Sciences
 2011

- 12- Water chemical denitrification using Mg/Cu bimetallic particles in fluidized bed reactor

By: Bahman Ramavandi

Supervisor:

Dr. Sayed Bagher Mortazavi

Advisor:

Dr. Sayed Gholamreza Moussavi
 Tarbiat Modares University
 Faculty of Medical Sciences
 2011

- 13- Modeling the professional drivers' behavior in Tehran Bus Company based on the organizational safety culture with forecasting the effectiveness methods reduction collision.

By: Sakineh Varmazyar

Supervisor:

Dr. Sayed Bagher Mortazavi

Advisor:

Dr. Shiraze Arghami
 Tarbiat Modares University
 Faculty of Medical Sciences
 It is being conducted.

- 14- Introducing a new quantitative risk assessment method using incorporation of Bayesian network and expert judgment.

By: Shamsaldin Alizade

Supervisor:

Dr. Sayed Bagher Mortazavi

Advisor:

Dr. Mohammad Mehdi Sepehr
 Tarbiat Modares University
 Faculty of Medical Sciences

It is being conducted

M.Sc. Theses Supervised and Consulted

- 1- Evaluation of cement kiln electrofilter explosion hazards in Tehran cement factory by Fault Tree Analysis (FTA) method and presentation of suitable solutions.

By:

Iraj Mohamadfam

Supervisor:

Dr. Seyyed Bagher Mortazavi

Advisor:

Dr. Ali Khavanin

Tarbiat Modares University

Faculty of Medical Sciences

1997

- 2- Comparison of nickel mists in two electroplating workshops (industrial and traditional) and designing a suitable control method

By:

Saeed Samari

Supervisor:

Dr. Seyyed Bagher Mortazavi

Advisor:

Dr. Hassan Asilian

Tarbiat Modares University

Faculty of Medical Sciences

1998

- 3- Assessment, Analysis and improvement of work postures in the Isfahan tiles production company using OWAS methodology.

By:

Alireza Esmailian Dastjerdi

Supervisor:

Dr. Seyyed Bagher Mortazavi

Advisor:

Hassan Asilian

Tarbiat Modares University

Faculty of Medical Sciences

1998

- 4- Qualitative and quantitative survey of manual welding fumes in a car industry.

By:

Seyed Yahya Miry Stakhrposhty

Supervisor:

Dr. Seyyed Bagher Mortazavi
Advisor:
Dr. Hassan Asilian
Tarbiat Modares University
Faculty of Medical Sciences
2000

- 5- The qualitative and quantitative survey of suspended particulate matter in outdoor and indoor at Uromieh petrochemical complex and presentation of proper controlling techniques.

By:
S.A Kaleji
Supervisor:
Dr. Seyyed Bagher Mortazavi
Advisor:
Dr. Ali Khavanin
Tarbiat Modares University
Faculty of Medical Sciences
May 2001

- 6- The qualitative and quantitative survey and evaluation of sulfur dioxides in workplace and presentation of control methods in Urmia petrochemical complex.

By:
Rasoul Yarahmadi
Supervisor:
Dr. Seyyed Bagher Mortazavi
Advisor:
Dr. Ali Khavanin
Tarbiat Modares University
Faculty of Medical Sciences
2001

- 7- The evaluation of pulmonary function of solders and of tin and lead in their breathing zone in an electronic industry.

By:
Gh.Rakhshan(Faili)
Supervisor:
Dr. Seyyed Bagher Mortazavi
Advisor:
Dr. Ali Khavanin
Tarbiat Modares University
Faculty of Medical Sciences
2002

- 8- Risk analysis of explosion in boiler of Glucosan Company by FTA method.

By:

Amir Valadkhani
 Supervisor:
 Dr. Hassan Asilian
 Advisor:
 Dr. Seyyed Bagher Mortazavi
 Tarbiat Modares University
 Faculty of Medical Sciences
 2004

- 9- Safety analysis of glucose production unit in a company by ETBA method and give approaches to prevention of accidents

By:
 Amir Valadkhani
 Supervisor:
 Dr. Hassan Asilian
 Advisor:
 Dr. Seyyed Bagher Mortazavi
 Tarbiat Modares University
 Faculty of Medical Sciences
 2004

- 10- Analysis of Methyl Tertiary Butyl Ether (MTBE) using Fenton method and optical analysis of titanium dioxide.

By:
 Seyyed Mohamad Mousavian
 Supervisor:
 Dr. Seyyed Bagher Mortazavi
 Advisor:
 Dr. Abbas Rezayi
 Tarbiat Modares University
 Faculty of Medical Sciences
 2004

- 11- Evaluation of mercury concentration (particulate and vapor) in workers breathing zone and their blood and suggestion suitable controlling methods (administrative and engineering) in one of the petrochemical company chloralkali plant.

By:
 Mohsen Noorshargh
 Supervisor
 Dr. S.B. Mortazavi
 Advisor
 Dr. A. Khavanin
 Summer 2005

- 12- Evaluating the reduction of benzene from the aqueous environment by combination of Fenton and biological methods.

By:

Ahmad Sabzali
Supervisor:
Dr. Seyyed Bagher Mortazavi
Advisor:
Dr. Abbas Rezai
Tarbiat Modares University
Faculty of Medical Sciences
2005

13- Identifying LPG Storage Spheres Risk with ET&BA Method and Evaluation of them with FM&EA Method in a Petrochemical Complex.

By:
Hojat Nejadali
Supervisor:
Seyed Bagher Mortazavi (Ph.D)
Advisor:
Ali Khavanin (Ph.D)
Winter 2006

14- Safety analysis of control room operators' human error with HEART technique in a petrochemical plant.

By :Mehran Ghalehnovi
Supervisor:
Dr.Hasan Asilian Mahabadi
Advisor:
Dr. Seyyed Bagher Mortazavi.
2006

15- The Petrochemical Project Risk Assessment Using ET&BA Method :A Case Study of Assaloyeh

By:
Abbas Zarranekhad
Supervisor:
Dr. Seyyed Bagher Mortazavi.
Advisor:
Dr.Hasan Asilian Mahabadi
Winter 2006

16- Assessing the risk of fire and explosion in hydrogenation unit of Margarine company using HAZOP technique.

By:
Morteza Momayezi Merjerdi
Supervisor:
Dr. S. Bagher Mortazavi
Advisor:

Dr.Hasan Asilian Mahabadi
2006

17- Safety analysis of a carriage machine using FMEA and GFCM techniques in new roll bending production line of a metal pipe mills company.

By: Alireza Naderi

Supervisor:

Dr. Hasan Asilian

Advisor:

Dr. Seyed Bagher Mortazavi

Tarbiat Modares University

Department of Occupational Health Science

Faculty of Medicine

March 2006

18- Assessment of human error in SRP unit of control room of Tehran refinery by HEIST technique.

By:

Sakineh Mahdavi

Supervisor:

Dr. S. Bagher Mortazavi

Advisor:

Dr.Hasan Asilian Mahabadi

Tarbiat Modares University

Faculty of Medical Sciences

2007

19- Anthropometry of the men's feet by digital imaging in order to design safety shoes.

By:

Masoume Joz Kanani

Supervisor:

Dr. Seyed Bagher Mortazavi

Advisor:

Dr. Ali Khavanin

Tarbiat Modares University

Department of Occupational Health Science

Faculty of Medicine

2007

20- Assessment of physical work capacity (PWC) for Baghyatallah University personnel in different condition chamber laboratory clime (normal,heat humid and very heat humid)

By:

Firooz Valipour

Supervisor:

Dr. Seyed Bagher Mortazavi

Advisor:

Dr. Hasan Asilian Mahabadi

Tarbiat Modares University

Department of Occupational Health Science

Faculty of Medicine

2008

21- Assessment of musculoskeletal disorders in upper extremity by RULA method & Strain Index method and comparison between these two methods.

Edited by:

Rowshani , Zohreh

Supervisor:

Dr. Mortazavi , Seyed Mohammad Bagher

Advisor:

Dr. Khavanin , Ali

Tarbiat Modares University

Faculty of Medical Sciences

March . 2008

22- Assessment of Occupational Exposure to PVC Particulates and Introduction a Practical Controlling Design (Case Study in the Bagging Section of Polyvinyl Chloride Unit of Bandar Imam Petrochemical Co.)

By :

Morteza Nasserinejad

Supervisor:

Dr. Hasan Asilian

Advisor:

Dr. Seyed Bagher Mortazavi

Tarbiat Modares University

Department of Occupational Health Science

Faculty of Medicine

March 2008

23- Evaluation and control of noise caused by motorcycle exhaust.

By:

Ehsan Haji Azimi

Supervisor:

Dr. Dr. Ali Khavanin

Advisor:

Seyed Bagher Mortazavi

Tarbiat Modares University

Department of Occupational Health Science

Faculty of Medicine

2008

24- Evaluation of Removal Hexavalent Chromium from Aqueous Solution using Natural Zeolite Modified by Cationic Surfactant

By: Leila Rasuli

Supervisor:

Dr.S.Bagher Mortazavi

Advisor:

Dr. Hossein Kazemian

Tarbiat Modares University

Faculty of Medical Sciences

2010

25- Evaluation of chlorine dispersion from storage unit in a petrochemical complex and providing emergency response plan.

BY:

Majid Parsa Rad

Supervisor:

Dr. Seyed Bagher Mortazavi

Advisor:

Dr.Hasan Asilian Mahabadi

Tarbiat Modares University

Faculty of Medical Sciences

2010

26- Determination the quantity, size distribution and the role of germicidal on surgical room bioaerosoles in one of the Tehran Hospitals.

By:

Ali Dadashpour Ahangar

Supervisor:

Dr. Seyed Bagher Mortazavi

Advisor:

Dr. Abas Rezaee

Tarbiat Modares University

Faculty of Medical Sciences

2010

27- Treatment of high strength formaldehyde waste water in the integrated ozonation biological sequencing batch reactor processes

By:

Mahdi Heidarizad

Supervisor:

Dr. S. Bagher Mortazavi

Advisor:

Dr.Ahmad Reza Yazdanbakhsh

Tarbiat Modares University

Department of Occupational Health Science

Faculty of Medicine

2010

28- The investigation of the relationship between safety climate and safety behavior in a large construction site.

By:

Morteza Oostakhan

Supervisor:
Dr. S. Bagher Mortazavi
Advisor:
Dr. Hasan Asilian Mahabadi
Tarbiat Modares University
Department of Occupational Health Science
Faculty of Medicine
2011

29- Treatment of oily wastewaters by Lipase producing bacteria immobilized in calcium alginate

By: Aboalfazl Azhdarpoor
Supervisor: Dr. Bagher Mortazavi
Advisor: Dr. Gholamreza Moussavi
Tarbiat Modares University
Faculty of Medical Sciences
2012

30- Study of iron removal from ground water using nanofiltration

By:
Nagimeh Ahmadi Mousa Abad
Supervisor:
Dr. Seyyed Bagher Mortazavi
Advisor:
Dr. Gholamreza Moussavi
Tarbiat Modares University
Faculty of Medical Sciences
2012

31- Comparative fire risk assessment with FTA,ETA,Bow-Tie methods in Tehran metro and the presentation of control solutions for reducing risk level.

By:
Somayeh Daneshvar
Supervisor:
Dr. S. Bagher Mortazavi
Advisor:
Dr. Sedigheh Atrkar Roshan
Tarbiat Modares University
Faculty of Medical Sciences
2013

Congress Presentations (Persian)

- 1- Rakhshan Q, Asilian H., Mortazavi B., Khvanin A, Soleimanian A. Evaluation of lead and tin solder workers and their respiratory lung function in an electronics industry Mr. National Conference on Environmental Health, Saari, Iran, 22-24 October 2003.
- 2- Mortazavi B., Khvanin A., Asilian H., Yarahmadi R. Quantitative evaluation and assessment of sulfur oxides in the workplace- Urmia petrochemical complex. First congress on air pollution clean air report, Tehran, Iran, October 2003.
- 3- Mortazavi B., Khvanin A., Asilian H., Yarahmadi R. Evaluation and assessment of environmental airborne sulfates in Urmia petrochemical complex. First congress on air pollution clean air report, Tehran, Iran, October 2003.
- 4- Mortazavi B., Jabbari Gharabagh M., Khvanin A., Asilian H., Soleimanian A. Evaluating the effects of 4 - 4 - Metlin diphenyl diisocyanate (MDI) vapors on workers of foam making unit of an automobile industry. The second congress of preventing non-communicable diseases, Tehran, Iran, 7-9 March 2004.
- 5- Mirzaee R., Lahmi M.A., Mortazavi B., Khvanin A., Asilian H. Anthropometry of male students (6 to 17 years old) in Seistan and Baluchestan Province. The congress of the International Ergonomics Association, Sistan and Baluchestan, Iran, 2004.
- 6- Khorram-Zadeh M.R., Khvanin A., Mortazavi B., Asilian H., Soleimanian A. Evaluation of Hexavalent chromium (soluble and insoluble in water) causing lung cancer in workplace dusty air of the loading unit of a Portland producing cement factory type pozzolanic. Fourth National Conference of Occupational Health, Hamedan, Iran, 4-6 October 2004.
- 7- Yarahmadi R., Mortazavi B., Khvanin A., Rezai A., Asilian H. Review of NOX control by natural and synthetic zeolites. Fourth National Conference of Occupational Health, Hamedan, Iran, 4-6 October 2004.
- 8- Nikpey A., Mortazavi B., Khvanin A., Rezai A., Asilian H., Soleimanian A., Kazemian H. Designing and construction of dynamic system of gas and vapor production of chemicals. Fourth National Conference of Occupational Health, Hamedan, Iran, 4-6 October 2004.
- 9- Mortazavi B., Jabbari Gharabagh M., Khvanin A., Asilian H, Soleimanian A. Assessment of diphenyl methane diisocyanate in air in a foam making unit of an automobile industry. Fourth National Conference of Occupational Health, Hamedan, Iran, 4-6 October 2004.
- 10- Nikpey A., Mortazavi B., Khvanin A., Rezai A., Asilian H., Soleimanian A., Kazemian H. Catalytic conversion of MTBE to materials with better biological decomposition properties in contaminated waters. Seventh National Environmental Health Conference, Shahr-e-kord, Iran, 14-16 September 2004.
- 11 Ghaleivi M., Mortazavi B., Khvanin A., Asilian H. Evaluation of heat stress control in brick manufacturing furnaces. National Conference of Occupational Health Students, Iran University of Medical Sciences, Tehran, Iran, 28-29 December 2004.
- 12- Mortazavi B., Mahdavi S., Asilian H., Arghami Sh. Identification and assessment of human error due to design errors in sulfur recovery unit of a refinery using HEIST technique. The first International congress of the risk management. Tehran, Iran, November 2007.

- 13- Ghalehovi M., Asilian H., Mortazavi B., Varmazyar S. Human error analysis of control room operators in a petrochemical complex using HEART technique. The first International Conference on Ergonomics, Tehran, Iran, 17 May 2008.
- 14- Khvanin A., Hajj Azimi E., Asilian H., Mortazavi B., Soleimani A., Omidvar M. The use of a simple method for designing reflective muffler to reduce noise of internal combustion engines exhaust. The Second Conference on Environmental Engineering, Tehran, Iran, 17 May 2008.
- 15 - Yarahmadi R., Mortazavi B., Omidkhah M.R., Asilian H. Investigating the factors affecting the purifying nitrogen oxides in a cold plasma reactor. The Second Conference on Environmental Engineering, Tehran, Iran, 17 May 2008.
- 16- Yarahmadi R., Mortazavi B., Omidkhah M.R., Asilian H., Khvanin A. Investigating the factors influencing the purification of nitrogen oxides in a cold plasma reactor. 12th National Conference on Environmental Health, Shahid Beheshti University of medical sciences School of Public Health, Tehran, Iran, November 2009.
- 17- Joz Kanani M, Mortazavi B, Lahmy MA, Khavanin A. Effects of garments on military personnel efficiency from the perspective of ergonomics and heat stress. The second Conference on Military Health and Hygiene, Medical University of Baqiyatallah, the Faculty of Health, Tehran, Iran. May 2008.
- 18-Azhdarpour A, Mortazavi B, Khvanin A. Removal of carbonaceous organic material and surfactant in municipal wastewater using intermittent cycle extended aeration system. First National Iranian Conference on Applied Microbiology, Iran, Tehran. July 2007.
- 19 - Gholamniya R, Mortazavi B, Asilian H, Khvanin A. Evaluation of Occupational exposure to Rockwool and the changes of respiratory volumes and capacities induced by its inhalation in a production unit. Fifth National Conference of Iranian Occupational Health and Safety, Isfahan, Iran. May 2005.
- 20- Mirzai R, Allameh A, Mortazavi B, Khvanin A. Adaptive effects of noise on hearing protection and antioxidant activity in rabbits. Fifth National Conference of Iranian Occupational Health and Safety, Isfahan, Iran. May 2005.
- 21- Safari variani A, Mortazavi B, Khvanin A, Mo'azzeni SM, Kazemnejad A. Effect of microwaves on Micronucleolus and nuclear division index in mice. Third International Congress of Military Medicine Tehran Iran. March 2006.
- 22- - Joz Kanani M, Mortazavi B, Khavanin A, Mirzaei R, Rasool Zadeh Y, Mansour Zadeh M, Mohseni M. Foot Anthropometry, Second congress of military ergonomics Tehran, Iran. February 2008.
- 23- Rowshani Z, Mohsen – M, Mortazavi B, Khavanin A. Potential evaluation of upper extremity musculoskeletal disorders using RULA and the strain index in an electronics company and the comparison between the two methods First International Conference on Ergonomics, Iran Tehran, May 2008.
- 24- Nikpay A, Mortazavi B, Kazemian H, Khavanin A, Rezayi A, Soleimani A. Catalytic conversion of MTBE into the compounds with better biodegradability in contaminated water, Seventh Iranian National Conference on Environmental Health, Shah-re-kord, Iran. September 2004.
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