

# CEOH PAPERS :

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## **Abdulrahman Bahrami**

### **Papers English from 2011**

1. M Heidari, A Bahrami, AR Ghiasvand, M Rafieiemam, FG Shahna Graphene packed needle trap device as a novel field sampler for determination of perchloroethylene in the air of dry cleaning establishments, *Talanta*, Volume 131, January 2015, Pages 142–148
2. Seyed Ghavameddin Attari, Abdulrahman Bahrami, Farshid Ghorbani Shahna, Mahmoud Heidari Single-walled carbon nanotube/silica composite as a novel coating for solid-phase microextraction fiber based on sol-gel technology, *Journal of Analytical Chemistry*, 70 (10), 1192-1198.
3. R Rahimpour, AR Bahrami, MJ Assari, F Ghorbani, AR Negahban, Biological monitoring of petrochemical industry workers exposed to benzene, toluene, xylenes, methyl ethyl ketone, and phenol in Southern Iran, *Journal of Occupational Health and Epidemiology (JOHE)*, 2015, 3(2), 62-71.
4. Mahmoud Heidari, Abdolrahman Bahrami, Ali Reza Ghiasvand, Farshid Ghorbani Shahna, Ali Reza Soltanian, Maryam Rafieiemam, Application of graphene nanoplatelets silica composite, prepared by sol-gel technology, as a novel sorbent in two microextraction techniques, *Journal of separation science*, 38(24), 4225-4232
5. F Ghorbani Shahna, H Ebrahimi, B Jaleh, A Bahrami, Decomposition of gas-phase chloroform using nanophotocatalyst downstream the novel non-thermal plasma reactor: by-products elimination, *International Journal of Environmental Science and Technology*, 12 (11), 3489-3498.
6. H Ebrahimi, A Bahrami, B Jaleh, FG Shahna, Gaseous Chlorobenzene Degradation By A Novel Non-Thermal Plasma Reactor, *Fresenius Environmental Bulletin*, 2015, 24 (5 A), 1871-1878
7. Kamaladdin Abedi, , Farshid Ghorbani-Shahna, , Abdolrahman Bahrami, , Babak Jaleh, Rasoul Yarahmadi, Effect of TiO<sub>2</sub> -ZnO/GAC on by-product distribution of CVOCs decomposition in a NTP-assisted catalysis system, *Polish Journal of Chemical Technology*, 2015 17, 1, 32 — 40,
8. Abdulrahman Bahrami, Farshid Ghorbani, Hadi Baiati, Mohammad Javad Zare Sakhvidi, Application of Solid Phase Microextraction (SPME) sampler for

- determination of Carbon Disulfide in air *International Journal of Occupational Hygiene* 2014. 6(3):149-155.
9. Fatemah Sadeghi, Abdolrahman Bahrami, Farin Fatemi, The Effects of Prioritize Inspections on Occupational Health Hazards Control in Workplaces in Iran, *Journal of Research in Health Sciences*, 14(4), 2014,
  10. Kamaledin Abedi, Farshid Ghorbani-Shahna , Babak Jaleh, Abdolrahman Bahrami, Saeid Mousavi, Rouzbeh Haddadi, Mastaneh Gandomi, Decomposition of chlorinated volatile organic compounds (CVOCs) using NTP coupled with TiO<sub>2</sub>/GAC, ZnO/GAC, and TiO<sub>2</sub>-ZnO/GAC in a plasma-assisted catalysis system, *Journal of Electrostatics*
  11. Sara Karimi Zeverdegani, Abdolrahman Bahrami, Farshid Ghorbani Shahna, Masoud Rismanchian, Mahmoud Heidari, Determination of Toluene by Needle Trap Micro-Extraction with Carbon Nanotube Sol-Gel and Polydimethylsiloxane Sorbents, *Analytical Letters*, 47,2014, 2165-2172.
  12. MJ Assari, A Rezaee, AJ Jafari, A Bahrami, Development of a novel setup for direct colorimetric visualization of elemental mercury vapor adsorption on colloidal gold nanoparticles, *Iranian Journal of Health, Safety and Environment* 1 (3),2014, 111-116
  13. F. Sadeghi<sup>1</sup>, A. R. Bahrami and A. Joneidi Jafari, Comparison of Static Anthropometric Characteristics among Workers of Three Iranian Ethnic Groups *Anthropologist*, 18(2): 601-608 (2014).
  14. SK Zeverdegani, A Bahrami, M Rismanchian, FG Shahna, Analysis of xylene in aqueous media using needle-trap microextraction with a carbon nanotube sorbent, *Journal of Separation Science*, Volume 37, 2014, pages 1850–1855,
  15. Seyed G Attari, Abdolrahman Bahrami, Farshid G Shahna, Mahmoud Heidari Solid-phase microextraction fiber development for sampling and analysis of volatile organohalogen compounds in air *Journal of Environmental Health Science and Engineering* 2014, **12**:123
  16. N Kurd, AR Bahrami, FG Shahna, M Heidari Application of Solid Phase Microextraction followed by Chromatograph-Flame Ionization Detector for Sampling and Analysis of Acetonitrile in Air Matrix *International Journal of Occupational Hygiene* 5 (4), 2013, 177-183
  17. Kamaledin Abedi, Farshid Ghorbani-Shahna, Babak Jaleh, Abdolrahman Bahrami, Rasoul Yarahmadi, Enhanced performance of non-thermal plasma coupled with TiO<sub>2</sub>/GAC for decomposition of chlorinated organic compounds: influence of a hydrogen-rich substance, *Journal of Environmental Health Science and Engineering* 2014, **12**:119

18. M Heidari, A Bahrami, AR Ghiasvand, FG Shahna, AR Soltanian A needle trap device packed with a sol-gel derived, multi-walled carbon nanotubes/silica composite for sampling and analysis of volatile organohalogen compounds in air, *Analytica Chimica Acta* 785 (2013) 67– 74
19. Mohammad Javad Assari, Abbas Rezaee, Ahmad Jonidi Jafari, Abdolrahman Bahrami, Optimization of a Novel Setup for an On-Line Study of Elemental Mercury Adsorption by Cold-Vapor Atomic Absorption Spectrometry *Journal of Research in Health Sciences*, 2013, 13
20. M Heidari, A Bahrami, A Ghiasvand, FG Shahna, A novel needle trap device with Single wall carbon nanotube sol-gel sorbent packed for sampling and analysis of volatile organohalogen compounds in air, *Talanta*, 2012, 101, 2012, 314–321
21. MJZ Sakhvidi, AR Bahrami, A Ghiasvand, H Mahjub, L Tuduri SPME-based air sampling method for inhalation exposure assessment studies: case study on perchlorethylene exposure in dry cleaning, *Environmental monitoring and assessment*, (2013) 185:4933–4941
22. Farshid Ghorbani SHAHNA, Abdolrahman BAHRAMI, Farhad FARASATI, Application of Local Exhaust Ventilation System and Integrated Collectors for Control of Air Pollutants in Mining Company *Industrial Health* 50 (2012) No. 5. 450-457
23. Rohollah Maghsoodi Moghadam, Abdolrahman Bahrami, Farshid Ghorbani, Hossein Mahjub, Dariush Malaki, Investigation of Qualitative and Quantitative of Volatile Organic Compounds of Ambient Air in the Mahshahr Petrochemical Complex In 2009, *Journal of Research in Health Sciences*, 2013, vol 13,
24. Mohammad Javad Zare Sakhvidi, AbdolRahman Bahrami, Alireza Ghiasvand, Hossein Mahjub, Ludovic Tuduri, Field application of SPME as a novel tool for occupational exposure assessment with inhalational anesthetics, *Environmental Monitoring and Assessment*, Volume 184, Issue 11, pp 6483-6490
25. Mohammad Javad Zare Sakhvidi, , Abbas Afkhami & Atena Rafiei, Development of diffusive solid phase microextraction method for sampling of epichlorohydrin in air, *International Journal of Environmental Analytical Chemistry*, Volume 92, Issue 12, 2012 1365-1377
26. A Bahrami, H Mahjub, M Sadeghian, F Golbabaei Determination of Benzene, Toluene and Xylene (BTX) Concentrations in Air Using HPLC Developed Method Compared to Gas Chromatography *International International Journal of Occupational Hygiene* 2011;3(1) : 12-17

27. A Bahrami, H Mahjub, MJ Assari Distribution of Monocyclic Aromatic Hydrocarbons in Ambient Air of Gas Pump Stations and Hamadan City, Journal of Research in Health Sciences 1 (2), 11-16
28. Mohammad Javad Zare Sakhvidi, AbdulRahman Bahrami, Alireza Ghiasvand, Hossein Mahjub & Ludovic Tuduri, Determination of Inhalational Anesthetics in Field and Laboratory by SPME GC/MS, Analytical Letters Volume 45, Issue 4, 2012, 375-385

### **Papers (Farsi Language) from 2011**

1. Mohsen Moradi, Farshid Ghorbani Shahna, , Abdulrahman Bahrami, Mansour Reza Zadeh Azer Design, Implementation & Assessment of Local Exhaust Ventilation System and dust collectors for crushing unit, Journal of Occupational Hygiene Engineering, 2014, 2(2), 32-42
2. Jamshidi Rastani Mahdi, Ghorbani Shahna Farshid, Bahrami Abdolrahman, Hosseini Somayeh Evaluation of local exhaust ventilation efficiency to control emissions of Fe<sub>2</sub>O<sub>3</sub> dust in ambient air of the oxide screen unit in steel industry knowledge and health winter KNOWLEDGE AND HEALTH 2015 , volume 9 (4); 68 - 75.
3. Hossein Amjadsoroudi, Farshid Ghormani shahna, Abdorahman Bahrami, Javad Fardmal, Assessing Electroyclone Performance in Collecting Smaller than 1 μm Silica Airborne Particles, Iran. J. Health & Environ., 2013, Vol.6 , No.1
4. R Rahimpour, AR Bahrami, F Ghorbani, MJ Assari, AR Negahban Evaluation of Urinary Metabolites of Volatile Organic Compounds and Some Related Factors in Petrochemical Industry Workers, Journal of Mazandaran University of Medical Sciences (JMUMS), 2014; 24 (116)
5. Z Moradpour, A Bahrami, A Sultanian, F Ghorbani Shahna, AR Negahban, Seasonal comparison of emissions of volatile organic compounds in the chemical industry based on oil during the years 2013 and 2014. Iran Occupational Health, 2014, 11 (6), 55-63.
6. G Hesam, A Bahrami, Survey of air pollutants emitted from rendering plant of poultry slaughterhouse and design of local ventilation system and suitable collector for control and treatment of air pollutants, Iranian Journal of Health and Environment, 2014, 7 (4), 469-480
7. AR Negahban, F Ghorbani Shahna, R Rahimpour, M Jalali, Evaluating Occupational Exposure to Carcinogenic Volatile Organic Compounds in an Oil-Dependent Chemical Industry: a Case Study on Benzen and Epichlorohydrin, Journal of Occupational Hygiene Engineering, 2014, 1 (1), 36-46

8. M Heidari, A Bahrami, AR Ghiasvand, F Ghorbani, AR Soltanian Application of needle trap device for determination of volatile organohalogen compounds in the air. Iran Occupational Health, 2014; 11 (2).
9. M Heidari, A Bahrami, A Ghiasvand, Sf Ghorbani, Application of needle trap device packed with polydimethylsiloxane for determination of carbon tetrachloride and trichloroethylene in air, Scientific Journal of Hamadan University of Medical Sciences and Health, 2014; 21(1), 32-44 .
10. M Bayatian, A Bahrami, R Golmohammadi, Sf Ghorbani, The comparison of electrical charging effect on efficiency of spray tower scrubber in removal of silica particles, Journal of Environmental Science and Technology 2012, 15-25
11. I Mohammadfam, A Bahrami, R Golmahammadi, F Fatemi, H Mahjoub, Relationship between job stress and accidents in the trucking company, Journal of Kermanshah University of Medical Sciences 13 (2), 135-43
12. M Bayatian, AR Bahrami, R Golmohammadi, F Ghorbani Shahna, The study of water droplets electrical charging effect on spray tower scrubber efficiency for feldspar particles removal, Iran Occupational Health, 2012; 8(4), 61-69
13. Mahdi Jalali, Mohammad Javad Zare Sakhvidi, Abdulrahman Bahrami, Nima Berijani, Hussein Mahjub, Analysis of Endogenous Alkanes and Aldehydes in the Exhaled Breath of Workers Exposed to Silica Containing Dust, 2015, 1(2), 19-22.
14. Mahdi Jamshidi Rastani, Abdolrahman Bahrami, Shiva Mahmudi Alashti, Nahid Rastbala, Somayeh Hasani Efficiency Assessment of Local Exhaust Ventilation Hoods System for Control of Fe<sub>2</sub>O<sub>3</sub> Dust in the process of Oxide Screen Unit at iron making in steel industry, Journal of Occupational Hygiene Engineering . 2014; 1(3):9-18.

## Abstracts and Presentations

### 1. 9th National Congress of Occupational Health and Safety

Location: Yazd University of Medical Sciences,

Date: 9 June 2015-10 June 2015

Type : Presentaion, Lecturer,

### 2. 8th National Congress of Occupational Health and Safety

Location: Sarry, Iran,

Date: 24-26 April -2013

Type : Oral Presentation & Abstract, Organizer,

### 3. 7th National Congress of Occupational Health and Safety

Location: Ghazvin-Iran,

Date: 3-5 May-2011

Type : Abstract, Lecturer,

### 4. The 5th National Congress of Occupatioinal Health and Safety

The 5th National Congress of Occupatioinal Health and Safety

Location: Isfahan, Iran,

Date: 5-6 May -2005

Type : Presentaion, Lecturer,

**5. The 4th National Congress of Occupatioinal Health and Safety**

The 4th National Congress of Occupatioinal Health and Safety

Location: Tehran, Iran,

Date: 4-6 October -2004

Type : Presentaion, Lecturer,

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## **Rostam Golmohammadi (MSc, PhD)**

### **Journal Papers (2011-2015)**

Title	Year
Investigating the relationship between psychosocial work stressors, organizational structure and job satisfaction among bank tellers S Chahardoli, M Motamedzade, Y Hamidi, AR Soltanian, ... Journal of Health and Safety at Work 5 (4), 47-58	2015
Performance Indexes Assessment for Lighting Systems Based on the Normalized Power Density and Energy Losses Estimation in University Workrooms M Hajibabaei, A Saki, R Golmohammadi, M Cheshmehkhar, M Sarabi, ... International Journal of Occupational Hygiene 6 (3), 131-136	2015
Empirical Comparison of the in situ methods for determining sound power of typical embroidery machine located in industrial workroom M Aliabadi, R Golmohammadi, A Ohadi International Journal of Occupational Hygiene 5 (3), 89-95	2015
Applying social network analysis to evaluate preparedness through coordination and trust in emergency management I Mohammadfam, S Bastani, R Golmohamadi, A Saei, M Es-Haghi Environmental Hazards 14 (4), 329-340	2015
Work ability assessment and its relationship with severity of musculoskeletal disorders among workers in a cement plant F Hajizadeh, M Motamedzade, R Golmohammadi, A Soltanian Journal of Occupational Hygiene Engineering 2 (2), 15-22	2015
The prevalence of musculoskeletal disorders as examined by the Hand Activity Level and Threshold Limit Value (HAL-TLV) method and the Human Body Map and the implementation of an ergonomic intervention at a tea factory M Motamedzadeh, R Golmohamadi, A Soltanian, R Chang Journal of Occupational Hygiene Engineering 2 (2), 62-71	2015

Title	Year
<p>The intensity of electromagnetic fields emitted by common compact fluorescent lamps M Azizi, M Aliabadi, R Golmohammadi Journal of Ergonomics 3 (2), 76-84</p>	2015
<p>Artificial Neural Networks and Advanced Fuzzy Techniques for Predicting Noise Level in the Industrial Embroidery Workrooms M Aliabadi, R Golmohammadi, H Khotanlou, M Mansoorizadeh, ... Applied Artificial Intelligence 29 (8), 766-785</p>	2015
<p>Assessment of risk factors related to sick leave among assembly workers in car manufacturing MA Faghih, M Motamedzade, R Golmohamadi, J Faradmal, ... Journal of Preventive Medicine 2 (2), 0-0</p>	2015
<p>Assessment of risk factors for musculoskeletal disorders using the Rapid Office Strain Assessment (ROSA) Method and implementing ergonomics intervention programs in Sepah Bank I Nasiri, M Motamedzade, R Golmohammadi, J Faradmal Journal of Health and Safety at Work 5 (2), 47-62</p>	2015
<p>Evaluation of the musculoskeletal disorders by ART technique and implementation of ergonomics intervention programs in a manufacturing company R Golmohammadi, G Roshanaee Journal of Occupational Hygiene Engineering 2 (1), 11-19</p>	2015
<p>Study of ultraviolet radiation emissions from commercial compact fluorescent lamps M Azizi, R Golmohammadi, M Aliabadi Iran Occupational Health 12 (2), 24-34</p>	2015
<p>Assessing the match between female primary students' anthropometric dimensions and furniture dimensions in Hamadan schools in 2013 R Heidarimoghadam, R Golmohammadi, G Roshanaei, R Zare Journal of Health and Safety at Work 5 (1), 47-56</p>	2015
<p>Evaluation of coordination of emergency response team through the social network analysis. Case study: Oil and gas refinery I Mohammadfam, S Bastani, M Esaghi, R Golmohamadi, A Saeed Safety and health at work 6 (1), 30-34</p>	2015
<p>Investigation acoustic comfort indexes in staff of open plan offices in state banks in Hamadan city T Nezami, R Golmohammadi, M Aliabadi, A Soltanian Journal of Occupational Hygiene Engineering 1 (4), 60-67</p>	2015

Title	Year
<p>Assessment of Interior General and Local Lighting in Carpet Weaving Workshops in Bijar city R Golmohammadi, H Alizadeh, M Motamedzade, A Soltanian Journal of Occupational Hygiene Engineering 1 (3), 1-8</p>	2015
<p>Internal lighting in girls' schools across Hamadan in 2006 and 2014 R Golmohammadi, M Hajiakbari, R Haydari Moghadam, R Zare, ... Journal of Ergonomics 2 (4), 48-54</p>	2015
<p>Noise Induced Hearing Loss in Iran:(1997–2012): Systematic Review Article A Soltanzadeh, H Ebrahimi, M Fallahi, M Kamalinia, S Ghassemi, ... Iranian journal of public health 43 (12), 1605</p>	2014
<p>Development of an Empirical Acoustic Model for Predicting Reverberation Time in Typical Industrial Workrooms Using Artificial Neural Networks M Aliabadi, R Golmohammadi, A Ohadi, M Mansoorizadeh, H Khotanlou, ... Acta Acustica united with Acustica 100 (6), 1090-1097</p>	2014
<p>Reliability Assessment of Washington States Ergonomic Checklist Using Agreement Method between the Observers of Two Groups of Ergonomic Specialist and Non-specialist M Motamedzade, M Tavakoli, R Golmohammadi Journal of Occupational Hygiene Engineering 1 (2), 67-73</p>	2014
<p>Evaluating Optical Components of Conventional Compact Fluorescent Lamps R Golmohammadi, M Azizi, M Aliabadi, N Khalili Journal of Occupational Hygiene Engineering 1 (2), 37-46</p>	2014
<p>Determination of Main Noise Sources in a Thermal Power plant M Jahangiri, R Golmohammadi, M Aliabadi Journal of Health and Safety at Work 4 (3), 13-22</p>	2014
<p>Relationship between job design, performance and job satisfaction among Bank employees S Chahardoli, M Motamedzade, Y Hamidi, R Golmohammadi, ... Journal of Health and Safety at Work 4 (3), 75-84</p>	2014
<p>Assessment of working interactions of emergency team members using social network analysis I Mohammadfam, S Bastani, M Es-haghi, R Golmohamadi, A Saei Journal of Health and Safety at Work 4 (3), 37-48</p>	2014
<p>The investigation of relationship between pain and sick leave in an automobile manufacturing company. MA Faghih, M Motamedzade, R Golmohammadi, J Faradmal, ... Iran Occupational Health 11 (4)</p>	2014



Title	Year
Planning an Automatic Fire Detection, Alarm, and Extinguishing System for Research Laboratories R Golmohamadi, I Mohamadfam, M Shafiee Motlagh, E Darvishi, ... Journal of Occupational Hygiene Engineering 1 (1), 57-65	2014
Assessment of Interior and Area Artificial Lighting in Hospitals of Hamadan City R Golmohamadi, M Shafiee Motlagh, M Jamshidi Rastani, N Salimi, ... Journal of Occupational Hygiene Engineering 1 (1), 47-56	2014
An investigation on commercial cell phones radiation and self report symptoms of users R Golmohammadi, K Abedi, S Karimi, M Eshaghi Journal of Ergonomics 2 (1), 1-8	2014
An investigation of Extremely Low Frequency (ELF) Electromagnetic field emitted by common Laptops R Golmohammadi, H Ebrahimi, M Fallahi, A Soltanzadeh, SS Mousavi Journal of Health and Safety at Work 4 (1), 11-20	2014
Evaluation of the relation between noise exposure and occupational stress with unsafe acts and accidents in city bus drivers R Golmohammadi, N Damyar, I Mohammadfam, J Faradmali Iran Occupational Health 11 (1), 70-78	2014
Enclosure design for noise control of air blower in the typical steel industry. R Golmohammadi, M Aliabadi, E Darvishi Iran Occupational Health 11 (2)	2014
Objective approach for analysis of noise source characteristics and acoustic conditions in noisy computerized embroidery workrooms M Aliabadi, R Golmohammadi, M Mansoorzadeh Environmental monitoring and assessment 186 (3), 1855-1864	2014
<u>An intervention for noise control of blast furnace in steel industry</u> R Golmohammadi, O Giahi, M Aliabadi, E Darvishi Journal of research in health sciences 14 (4), 287-290	2014
<u>List Of Journal Paper (s)</u> R GOLMOHAMMADI, F MOATTAR, H RAHMANI, H OURAJI, ... JOURNAL OF ZANJAN UNIVERSITY OF MEDICAL SCIENCES AND HEALTH SERVICES 21 (89)	2014
Pattern Evaluation of Noise Propagation at Various Units of a Textile Industry R Golmohammadi, MR Monazzam, Z Hashemi Caspian Journal of Applied Sciences Research 3 (2), 1-8	2014

Title	Year
Development of Artificial Intelligence models for Predicting Noise Level in Typical Industrial Workrooms M Aliabadi, R Golmohammadi, A Ohadi The 21st International Congress on Sound and Vibration	2014
Development of a Noise Prediction Model Based on Advanced Fuzzy Approaches in Typical Industrial Workrooms M Aliabadi, R Golmohammadi, H Khotanlou, M Mansoorizadeh, ... Journal of Research in Health Sciences 14	2014
An empirical technique for predicting noise exposure level in the typical embroidery workrooms using artificial neural networks M Aliabadi, R Golmohammadi, M Mansoorizadeh, H Khotanlou, A Ohadi Hamadani Applied Acoustics 74 (3), 364-374	2013
Study of occupational noise - induced hearing loss in a tractor manufacturing plant R Golmohammadi, H Amjad, A Dormohammadi, S Musavi Occupational Medicine Quarterly Journal 4 (3), 28-33	2013
Effect of Noise Exposure on Occupational Injuries: A Cross-sectional Study H Amjad-Sardrudi, A Dormohammadi, R Golmohammadi, J Poorolajal Journal of Research in Health Sciences 1 (1)	2012
Noise Pollution and its Irritating Effects in Hospitals of Hamadan, Iran R Golmohammadi, M Aliabadi Health System Research 7 (6)	2012
Noise Pollution Assessment and Control for Construction Diesel Generators in Hamadan, Iran H Mohammadi, H Bayat, A Soltanian Health System Research 7 (6)	2012
The study of water droplets electrical charging effect on spray tower scrubber efficiency for feldspar particles removal M Bayatian, AR Bahrami, R Golmohammadi, F Ghorbani Shahna Iran Occupational Health 8 (4), 61-69	2012
Ergonomics intervention in an Iranian television manufacturing industry M Motamedzade, M Mohseni, R Golmohammadi, H Mahjoob Work: A Journal of Prevention, Assessment and Rehabilitation 38 (3), 257-263	2011
Assessment and control design for steam vent noise in an oil refinery MR Monazzam, R Golmohammadi, M Nourollahi, S Momen Bellah Fard Journal of Research in Health Sciences 11 (1), 14-19	2011
Fuzzy Logic Method for Assessment of Noise Exposure Risk in an Industrial Workplace R Golmohammadi, M Eshaghi, M Riahi-Khoram International Journal of Occupational Hygiene 3 (2), 49-55	2011
The Study of Individual Organizational Factors on Mental Health of Personnel of One of the State Prisons	2011

Title	Year
A Heidari Pahlavian, R Golmohammadi, G Sadri, A Zamanian Journal of Research in Health Sciences 1 (2), 22-28	
Comparison of ergonomic risk assessment outputs from rapid entire body assessment and quick exposure check in an engine oil company M Motamedzade, MR Ashuri, R Golmohammadi, H Mahjub Journal of Research in Health Sciences 11 (1), 26-32	2011

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## Mostafa Mirzaei Aliabadi

### **Papers English**

1. Efficiency prediction of control room operators based on human reliability analysis and dynamic decision making style in the process industry. E Zarei, I Mohammadfam, MM Aliabadi, A Jamshidi, F Ghasemi, Process Safety Progress.
2. Mostafa Mirzaei Aliabadi, Ghasem Naderi, Seyed Jamaledin Shahtaheri, Abbas Rahimi Forushani, Iraj Mohammad Fam, Mehdi Jahangiri. Mechanical and barrier properties of XNBR-clay nanocomposite: a promising material for protective gloves. Iranian Polymer Journal, 2014; Volume 23, Issue 4, pp 289-296
3. Mostafa Mirzaei Aliabadi, Ghasem Naderi, Seyed Jamaledin Shahtaheri, Abbas Rahimi Forushani, Iraj Mohammad Fam, Mehdi Jahangiri. Transport properties of carboxylated nitrile butadiene rubber (XNBR)-nanoclay composites; a promising material for protective gloves in occupational exposures. Journal of Environmental Health Science and Engineering, 2014, 12:51.
4. Zare Sakhvidi MJ, Mirzaei Aliabadi M, "Occupational cancers risk perception in Iranian workers", Archives of Environmental and Occupational Health, 2013; 69 (3): 167-171
5. Farideh golbabaeei, Seyyed Abolfazl zakerian, behzad fouladi dehaghi, leila ibrahimi ghavamabadi, framarz gharagozlou, mostafa mirzaei aliabadi, rasol hematjo. Heat Stress and Physical Capacity: A Case Study of Semi-Professional Footballers, Iranian Journal of Public Health 2014. 43(3):355-361

### **Papers (Farsi Language)**

1. Ghaffari M, Alipour A, Farshad A, Mirzaie Aliabadi M. Incidence and recurrence of disabling low back pain and neck-shoulder pain in Iran Khodro company. Iran Occupational Health Journal. 2007; 4 (1) :36-42

2. Mirzaei Aliabadi M, Naderi G, Shahtaheri SJ, Rahimi Forushani A, Jahangiri M. Characterization of XNBR-clay Nanocomposite a New Material for Protective Gloves, Journal of Occupational Health Engineering, 3. 2014; 1 (2) :20-26.
  3. Mirzaei aliabadi M, Mohammad fam I, Karimi S. Identification and assessment of human errors in blasting operations in Iron Ore Mine using SHERA technique. Journal of Occupational Health Engineering, 3. 2015; 2 (1) :57-65
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## **Mohammad Javad Assari**

### **Papers English from 2011**

1. Assari Mohammad Javad, Rezaee Abbas, Reangkoy Hossinali, Bone char surface modification by nano-gold coating for elemental mercury vapor removal, Applied Surface Science, 2015, 342. 106–111.
2. Rahimpour Razagh, Bahrami Abdolrahman, Assari Mohammad Javad, Ghorbani Farshid, Amir reza Negahban, Biological monitoring of petrochemical industry workers exposed to benzene, toluene, xylenes, methyl ethyl ketone, and phenol in Southern Iran, Journal of Occupational Health and Epidemiology (JOHE), 2015, 3(2), 62-71.
3. Assari Mohammad Javad, Rezaee Abbas, Jonidi Jafari Ahmad, Bahrami Abdolrahman, Optimization of a Novel Setup for an On Line Study of Elemental Mercury Adsorption by Cold-Vapor Atomic Absorption Spectrometry, Journal of Research in Health Sciences (JRHS), 2013, 13(1), 37-42.
4. Assari Mohammad Javad, Rezaee Abbas, Jonidi Jafari Ahmad, Bahrami Abdolrahman, Development of a novel setup for direct colorimetric visualization of elemental mercury vapor adsorption on colloidal gold nanoparticles, Iranian Journal of Health, Safety & Environment, 2013, 1 (3), 111-116.

### **Papers (Farsi Language) from 2011**

15. Vahide Abolhasannejad, Mohammad Javad Assari, An overview of methods and instruments for the assessment of occupational exposure to nanoparticles, Journal of Occupational Hygiene Engineering. 2015, 2(2):1-14.
16. Chiman Saeidi, Mohammad Javad Asari, Farshid Ghorbani Shahna, Zahra Khamverdi, Removal of mercury vapor from ambient air of dental clinics using an air cleaning system based on silver nanoparticles. Journal of Occupational Hygiene Engineering. 2015, 2(1), 1-10.
17. Rahimpour Razagh, Bahrami Abdolrahman, Assari Mohammad Javad, Ghorbani Farshid, Amir reza Negahban, Evaluation of Urinary Metabolites of Volatile Organic Compounds

and Some Related Factors in Petrochemical Industry Workers, Journal of Mazandaran University of Medical Sciences (JMUMS) 2014, 24 (116), 119-131.

18. Rahimpour Samira, Bahrami Abdolrahman, Assari Mohammad Javad, Soltanian Alireza, Rahimpour Razagh, Ghorbani Farshid, Amir reza Negahban, Quantitative risk assessment of occupational exposure to volatile organic compounds in the oil- dependent chemical industry, Journal of Sabzevar University of Medical Sciences, 2014, 5 (21), 829-841.

### **Abstracts and Presentations**

1. **The First National Conference on Nanoscience and Nanotechnology**

Location: Tehran-Iran,

Date: 5 May-2013

Type : Poster

2. **The First National Conference on Safety and Standard in nanotechnology**

Location: Tehran-Iran,

Date: 25 May-2012

Type : Poster

#### **The 11th International Conference on Iran Toxicology**

Location: Mashhad-Iran,

Date: 13-15 September-2011

Type : Poster

3. **The 7th National Congress of Occupational Health and Safety**

Location: Ghazvin-Iran,

Date: 3-5 May-2011

Type : Presentation, Poster

4. **The National Congress of Occupational Health and Safety**

Location: Tehran-Iran,

Date: 28-30 April-2009

Type : Presentation, Poster

5. **The Second Conference of Environmental Engineering**

Location: Tehran, Iran,

Date: 18-22 May-2008

Type : Presentation, Poster

6. **The First National Congress on Environment, Occupation, and Cancer in Iran**

Location: Tehran, Iran,  
Date: 27-29 May-2006  
Type : Presentation

7. **The 5th National Congress of Occupational Health and Safety**

Location: Isfahan, Iran,  
Date: 5-6 May-2005  
Type : Poster

8. **The 4th National Congress of Occupational Health and Safety**

Location: Hamadan, Iran,  
Date: 4-6 October-2004  
Type : Presentation, Poster

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## **Mohammad Babamiri**

### **Papers (in English)**

Babamiri M, Sabbagh U, Harsini AZ. Investigate the relationship between organizational justice and personality characteristics with counterproductive work behavior. *Journal of Life Science and Biomedicine*. 2013;3(4):268-72.

Babamiri M, Javdan M, Dehghani M, Baryaji H, Abbasi M. The study of the relationship between sensation seeking and type A personality with doing deliberate and unintentional violation in driving. *Journal of Life Science and Biomedicine*. 2012;2(3):69-71.

Babamiri M, Vatankhah M, Rad BK, Ghasemi M. Relationship between Stress Coping Styles, Negative Automatic Thoughts, Life Quality and Happiness in Hospitalized Cardiovascular Patients. *Jentashapir Journal of Health Research*. 2014;1;5(2):27-35.

Shahroui S, Babamiri M, Harsini AZ, Parsi E, Samaripoor H, Fatemi M. Comparison of anxiety, depression and marital satisfaction between mothers with and without ADHD child. *Visi Journal Akaemik*. 2015; (9): 109-112.

Shahroui S, Babamiri M, Harsini AZ, Parsi E, Khani AA. Moderating role of coping style in relationship between spiritual intelligence and stress in students. *Visi Journal Akaemik*. 2015 (8): 21-24.

Jovharifard A, Bashirinejhadian A, Babamiri M, Zahiri Harsini A, Barati M. Relationship of Brain- Behavioral Systems with Negative and Positive Affect in Patients with Migraine.

Reza Jovharifard, Atefeh Bashirinejhadian. Avicenna Journal of Neuro Psych Physiology. 2015; 2(3).

### Papers (in Persian)

1. Hamid N, Babamiri M, Dehghani M. The relationship between mental health, spiritual intelligence with resiliency in student of Kermanshah University of Medical Sciences. Jentashapir Journal of Health Research. 2012 Jul;3(2):331-8.
2. Noori A, Oreizi HR, Zare R, Babamiri M. Relationship Between Factors of Work Engagement with Organizational Commitment. Journal of Modern Industrial/Organizational Psychology. 2011; 1(5):9-16.
3. Salahian1 A , Oreizi HR, Babamiri M, Asgari A. The predictor factors of burnout syndrome in Isfahan nurses. Nursing Research.2012; 6 (23):23-31.
4. Babamiri M, Ghasemi D, Zare R, Abasi M. Psychological and sociological factors influencing cosmetics use by female univesity students. Dermatology and Cosmetic. 2011 Dec 1;2(4):193-202.
5. Babamiri M, Neisi A, Arshadi N, Mehrabizade M, Beshlide Q. Job Stressors and Personality Characteristics as Predictors of Psychosomatic Symptoms at Staff of a Company in Ahwaz. Journal of Psychological Achievements. 2015;4(1):187-208.
6. Babamiri M, Zahiri A, Nisi A, Arshadi N, Shahroie S. Job Stressors as Predictors of Psychosomatic Symptoms. Journal of Ilam University of Medical Sciences. 2015;23(1):45-55.
7. Babamiri M, Zahiri A, Arshadi N, Neisi A, Shahroui SH. Investigate effort-reward imbalance and demand-control-support model in accession of psychosomatic symptoms. Health Psychology. 2014; 3(3): 55-78.
8. Naami A, Ensafdaran F, Dastan N, Babamiri M. Relationship between Perceived Fit of Nurses and Organizational Citizenship Behavior in Shiraz Hospitals. Journal of Research Development in Nursing & Midwifery. 2014;1;11(2):60-67.
9. Babamiri M, Vatankhah M, Masumi Jahandizi H, Nemati M, Darvishi M. The Relationship between Coping Styles, Negative Automatic Thoughts, and Hope with Happiness in Addicts of Ahvaz Drug Abuse Rehabilitation Clinics in 2011. ZUMS Journal. 2013;1;21(84):82-91.
10. Zahiri A, Babamiri M, Arshadi N, Neisi A. Personality traits and organizational variables as predictors of ethical leadership. Journal of Ethics in Science and technology. 2014; 9(3): 41-49.
11. Hamid N, Babamiri M. The relationship of green space and mental health. Armaghane Danesh. 2012;15;17(4):309-16.
12. Babamiri M, Ghasemi D, Zare R, Abbasi M. Psychological and sociological factors influencing attitude toward cosmetic surgery. Quarterly Journal of Specialized Social Science.2011;9(1):61-70.
13. Zahiri A, Babamiri M, Abooi M, Sabagh Y. Relationship between Leadership and Ethical Context with Affective Commitment: Moderating Role of Perceived Organizational Justice. Journal of Ethics in Science and technology. 2016;10(3): 75-84.

14. Yusefi Afrashte M, Amiri M, Moravaty Z, Babamiri M, Cheraghy A. Supporting factors of constancy in quitting drugs: A qualitative study. *J Qual Res Health Sci* 2015; 4(3): 280-9.
  15. Morshed N, Davoodi I, Babamiri M. Effectiveness of group play therapy on symptoms of oppositional defiant among children. *Journal of Education and Community Health*. 2015;2(4).
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## **Mohsen Aliabadi**

### **Papers English from 2011**

1. Maryam Farhadian, Mohsen Aliabadi, Ebrahim Darvishi. Empirical estimation of the grades of hearing impairment among industrial workers based on new artificial neural networks and classical regression methods. *Indian Journal of Occupational and Environmental Medicine* . 2015.
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3. Mahtab Azizi, Rostam Golmohammadi, Mohsen Aliabadi, Zeinab Baroony zadeh<sup>(1)</sup>. Study of ultraviolet radiation emissions from usual compact fluorescent lamps. *Iran occupational health*. 2015. [In Persian]
4. Mahtab Azizi, Rostam Golmohammadi, Mohsen Aliabadi. Study of electric magnetic fields emissions from usual compact fluorescent lamps. *Journal of Ergonomics*. 2015. [In Persian]
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6. R golmohammadi, M aliabadi, E darvishi. Study of Noise pollution in the blast furnace of a steel industry in order to noise control, *J Health Syst Res* 2014; 9(12): 1262-1272
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8. Negahban SA, Aliabadi M<sup>2</sup>, Farhadian M, Jalali M, Investigation the variation of urine density as an index for dehydration conditions in workers employed in hot workplaces, Iran occupational health 2014, Vol. 11, No. 2, 99-110. [In Persian]
9. M Aliabadi, R Golmohammadi, A Ohadi, M Mansoorizadeh, Development of an empirical acoustic model for predicting reverberation time in typical industrial workrooms using artificial neural networks, Acta Acustica united with Acustica, 2014;100:1090-1097
10. Omid Giahi<sup>a</sup>, Ebrahim Darvishi<sup>b</sup>, Mohsen Aliabadi<sup>c</sup>, Jamshid Khobi<sup>d</sup>, The efficacy of radiant heat controls on workers heat stress around the blast furnace of a steel industry, Work Journal (accepted august 2014)
11. Aliabadi Mohsen, Hatami Hosna, Ardestani Mozghan, Farhadian Maryam, Study of Public Exposure to Microwave Propagation from different types of Cell Phones, *Occupational Medicine Quarterly Journal*, (Accepted 2014.). [In Persian]
12. Tahereh Gholami<sup>1</sup>, Peyman Piran veysheh<sup>2</sup>, Mohsen Aliabadi<sup>\*3</sup>, Maryam Farhadian<sup>4</sup> Study of noise pollution and its effects on subjective fatigue of staffs in the governmental banks of Hamadan city in 2013, Iran occupational health. 2014-2015, Vol. 11, No. 5, 66-73. [In Persian]
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14. Negahban A, Aliabadi M, Babayi Mesdaraghi Y, Farhadian M, Jalali M, Kalantari B et al. Investigating the Association between Heat Stress and its Psychological Response to Determine the Optimal Index of Heat Strain. **Journal of Occupational Health Engineering**. 2014; 1 (1) :8-15. [In Persian]
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21. Mohsen Aliabadi, Mohammad Jahangiri, Maziar Arasi , Mehdi Jalali , Study of heat stress based on WBGT index and its relationship with the physiological parameter of Sublingual temperature in bakeries of Arak city , *Occupational Medicine Quarterly Journal*, 2014;6(1) 48-56 [In Persian]
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- 24- Mohsen Aliabadi ,Rostam Golmohammadi, Hassan Khotanlou, Muharram Mansoorizadeh, Amir Salarpour. Development of a noise prediction model based on advanced fuzzy approaches in typical industrial workrooms, *The Journal of Research in Health Sciences* 2014; 14(2): 157-162
- 25- Mohsen Aliabadi, Ghasem Hesam, Razzagh Rahimpour. Study of heating performance of radiant heating system and its impact on thermal comfort level of workers in typical industrial workrooms. *Journal of Health and Safety at Work*. 2013;3(2) 47-58. [In Persian]
26. Maryam Farhadian, Abbas Moghim Beigi, Mohsen Aliabadi, Mapping the obesity in Iran by Bayesian spatial model, *Iranian Journal of Public Health*.2013;42(6):581-587.
27. Mohsen Aliabadi, Rostam Golmohammadi , Muharram Mansoorizadeh, Hassan Khotanlou, Abdoreza Ohadi Hamadani , An empirical technique for predicting noise exposure level in the typical3 embroidery workrooms using artificial neural networks. *Applied Acoustics*, 2013; (74) :364–374.
28. G Hesam, M Aliabadi ,M Farhadian, V Afshari, Investigating the ergonomic conditions in the use of visual displays and their relationships with subjective feeling of fatigue in graduate students of Hamadan University of medical sciences, *Journal of Ergonomics*, 2013 ;1( 2):1-9. [In Persian]
29. Mohsen Aliabadi, Neda Mahdavi , Maryam farhadian , Masoud Shafie motlagh, Evaluation of noise pollution and acoustic comfort in the classrooms of Hamadan University of medical sciences in 2012, *Journal of Ergonomics*, 2013; 1(2):19-27. [In Persian]

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31. M Aliabadi, M Fereidan, M Farhadian, L Tajik, Determination the effect of worker exposure conditions on the risk of hearing loss in noisy industrial workroom using Cox proportional hazard model, *The International Journal of Occupational Safety and Ergonomics (JOSE)* (accepted 2013)
32. Mohsen Aliabadi, Mohammad Oliae, Morteza Nowroozi, Maryam Farhadian, Mojtaba Kamalinia, study of occupational exposure to static magnetic field and its health effects in some magnetic resonance imaging MRI's units, *Iran occupational health*. 2013; 10 (2):45-53. [In Persian]
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35. Rostam Golmohammadi, Mohsen Aliabadi, Noise Pollution and its Irritating Effects in Hospitals of Hamadan, *Iran Journal of Health System Research*, 2012; 7( 6):958-964. [In Persian]
36. Rostam Golmohammadi, Mohsen Aliabadi, Ebrahim Darvishi, Acoustic analysis of blower unit and noise control plan in the typical steel industry, *Journal of Health and Safety at Work*, 2012; 2 (4): 41-50 [In Persian].
37. Mohsen Aliabadi, Ebrahim Chavoshi, Hosien Haj Alizadeh, Determination of Noise Pollution from Agricultural Tractors and its Driver's Noise Exposure Level, *Journal of Health and Safety at Work*. 1(4) 2012:43-52. [In Persian]
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39. Iraj Khodadadi, Mohammad Abdi, Mohsen Aliabadi and Effat Sadat Mirmoeini, Exposure to Respirable Flour Dust and Gliadin in Wheat Flour Mills, *J of Occupational Health* 2011; 53:417-422.

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1. M Aliabadi, R Golmohammadi, A Ohadi, Development of artificial intelligence models for predicting noise level in typical industrial workrooms. The 21st International Congress on Sound and Vibration, 13-17 July, 2014, Beijing/China.
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## **Omid Kalatpour**

### **Papers English from 2011**

1. Major Accident Prevention through Applying Safety Knowledge Management Approach, Journal of Emergency Management, 2016
2. A General assessment of Occupational Injuries at Petrochemical Area construction Sites in Iran, Caspian Journal of Health Research, 2016
3. Developing a Process Equipment Failure Knowledgebase Using Ontology approach for Process Equipment Related Incident Investigation, Journal of Loss Prevention in the Process Industries, 2013
4. Technological Emergency Planning through an Ontology Oriented Approach, International Journal of Engineering Research and Applications, 2013
5. Developing an Ontological Explosion Knowledge base for Business Continuity Planning Purposes, Journal of Business Continuity & Emergency Planning, 2013
6. Determining Proper Strategies for Health, Safety, Security and Environmental (HSSE) Management System, Work Journal, 2013
7. Health, Safety and Environmental Risk of a Gas Pipeline in an Oil Exploring Area of Gachsaran, Industrial Health, 2011

### **Farsi Papers (in Persian Language)**

1. Determining of the Appropriate Strategy for Protecting the Organizational assets in Crisis Management by AHP-SWOT Approach, Health System Research, 2015

2. Developing Emergency Scenario through the Project Management Body of Knowledge Approach, Journal of Occupational Hygiene Engineering, 2015
3. Developing a Knowledgebase for Process Accident Investigation, Iran Occupational Health, 2013

### **Abstracts and Presentations**

2. Major Accident Prevention through Applying Safety Knowledge Management Approach, Frankfurt, Germany, 2014

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## **Majid Motamedzade**

### **Papers English from 2011**

1. Shirali GA, Motamedzade M, Mohammadfam I, Ebrahimipour V, Moghimbeigi A. Assessment of resilience engineering factors based on system properties in a process industry. *Cognition, Technology & Work*. 2016 Feb 1;18(1):19-31.
2. Fallahi M, Motamedzade M, Heidarimoghadam R, Soltanian AR, Miyake S. Effects of mental workload on physiological and subjective responses during traffic density monitoring: a field study. *Applied ergonomics*. 2016 Jan 31;52:95-103.
3. Motlagh M, Motamedzade M, Mahdavi N, Garkaz A, Soltanian A. The impact of shift length on occupational fatigue in filling station operators. *International Journal of Occupational Hygiene*. 2016 Jan 27;7(3):146-52..
4. Piranveyseh P, Motamedzade M, Osatuke K, Mohammadfam I, Moghimbeigi A, Soltanzadeh A, Mohammadi H. Association between Psychosocial, Organizational and Personal Factors and Prevalence of Musculoskeletal Disorders in Office Workers. *International Journal of Occupational Safety and Ergonomics*. 2015 Dec 23(just-accepted):1-9.
5. Afshari D, Motamedzade M, Salehi R, Soltanian AR. The impact of ergonomics intervention on trunk posture and cumulative compression load among carpet weavers. *Work*. 2015 Jan 1;50(2):241-8.
6. Motamedzade M, Afshari D, Soltanian A. The Impact of Ergonomically Designed Workstations on Shoulder EMG Activity during Carpet Weaving. *Health promotion perspectives*. 2014;4(2):144.
7. Afshari D, Motamedzade M, Salehi R, Soltanian AR. Continuous assessment of back and upper arm postures by long-term inclinometry in carpet weavers. *Applied ergonomics*. 2014 Mar 31;45(2):278-84.
8. Mohammadi H, Motamedzade M, Faghih MA, Bayat H, Mohraz MH, Musavi S. Manual material handling assessment among workers of Iranian casting workshops.

- International Journal of Occupational Safety and Ergonomics. 2013 Jan 1;19(4):675-81.
9. Motamedzade M, Faghih MA, Golmohammadi R, Faradmal J, Mohammadi H. Effects of physical and personal risk factors on sick leave due to musculoskeletal disorders. International Journal of Occupational Safety and Ergonomics. 2013 Jan 1;19(4):513-21.
  10. Motamedzade M. Ergonomics Intervention in an Iranian Tire Manufacturing Industry. International Journal of Occupational Safety and Ergonomics. 2013 Jan 1;19(3):475-84.
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  13. Shirali GH, Motamedzade M, Mohammadfam I, Ebrahimipour V, Moghimbeigi A. Challenges in building resilience engineering (RE) and adaptive capacity: A field study in a chemical plant. Process safety and environmental protection. 2012 Mar 31;90(2):83-90.
  14. Shirali GH, Mohammadfam I, Motamedzade M, Ebrahimipour V, Moghimbeigi A. Assessing resilience engineering based on safety culture and managerial factors. Process Safety Progress. 2012 Mar 1;31(1):17-8.
  15. Motamedzade M, Moghimbeigi A. Musculoskeletal disorders among female carpet weavers in Iran. Ergonomics. 2012 Feb 1;55(2):229-36.
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  18. Motamedzade M, Mohseni M, Golmohammadi R, Mahjoob H. Ergonomics intervention in an Iranian television manufacturing industry. Work. 2011 Jan 1;38(3):257-63.

### **Papers (Farsi Language) from 2011**

1. Chahardoli S, Motamedzade M, Hamidi Y, Soltanian AR, Golmohammadi R. Investigating the relationship between psychosocial work stressors, organizational structure and job satisfaction among bank tellers. Journal of Health and Safety at Work. 2015 Dec 15;5(4):47-58.
2. Motamedzadeh M, Golmohamadi R, Soltanian A, Chang R. The prevalence of musculoskeletal disorders as examined by the Hand Activity Level and Threshold Limit Value (HAL-TLV) method and the Human Body Map and the implementation of an

- ergonomic intervention at a tea factory. *Journal of Occupational Hygiene Engineering*. 2015 Sep 15;2(2):62-71.
3. Hajizadeh F, Motamedzade M, Golmohammadi R, Soltanian A. Work ability assessment and its relationship with severity of musculoskeletal disorders among workers in a cement plant. *Journal of Occupational Hygiene Engineering*. 2015 Sep 15;2(2):15-22.
  4. Faghieh MA, Motamedzade M, Golmohammadi R, Faradmal J, Mohammadi H. Assessment of risk factors related to sick leave among assembly workers in car manufacturing. *Journal of Preventive Medicine*. 2015 Jul 15;2(2):0-.
  5. Nasiri I, Motamedzade M, Golmohammadi R, Faradmal J. Assessment of risk factors for musculoskeletal disorders using the Rapid Office Strain Assessment (ROSA) Method and implementing ergonomics intervention programs in Sepah Bank. *Journal of Health and Safety at Work*. 2015 Jul 15;5(2):47-62.
  6. Azizi M, Motamedzade M. Study of Nurses Quality of Life using WHO Questionnaire in Hospitals of Hamadan University of Medical Sciences. *Journal of Occupational Hygiene Engineering*. 2015 Mar 15;1(4):68-75.
  7. Afshari D, Motamedzade M, Soltanian AR. Estimation of cumulative compression load on the L4/L5 lumbar of carpet weavers through direct measurement of trunk posture and direct observation during a shift work. *Iran Occupational Health*. 2015 Mar 1;12(2).
  8. Heidari Pahlavian A, Gholami T, Heidari Moghaddam R, Akbarzadeh M, Motamedzadeh M. Demand–Control Model and its Relationship with Burnout Syndrome in Nurses. *Journal of Fasa University of Medical Sciences*. 2015 May 15;5(1):23-35.
  9. Motamedzade M, Moradpour Z, Gorjizade H, Hesam G, Moghim Beigi A. Design and fabrication of a personal digital assistant (PDA) prototype for postural assessment using RULA, REBA and QEC techniques. *Journal of Ergonomics*. 2015 Mar 15;2(4):32-40.
  10. Golmohammadi R, Alizadeh H, Motamedzade M, Alireza S. Assessment of Interior General and Local Lighting in Carpet Weaving Workshops in Bijar City. *Journal of Occupational Hygiene Engineering*. 2014 Dec 15;1(3):1-8.
  11. Motamedzade M, Mahbobeh E, Parvin S. Evaluation of the workers exposure to heat and presenting intervention to control heat stress in profile factory. *Journal of Occupational Hygiene Engineering*. 2014 Dec 15;1(3):53-9.
  12. Hesam G, Motamedzade M, Moradpour Z. Ergonomics intervention in poultry slaughter industry and evaluate the effectiveness by key indicators method (KIM). *Journal of Ergonomics*. 2014 Sep 15;2(2):9-19.
  13. Baroonyzade Z, Motamedzade M, Golmohammadi R, Kasraei S, Faradmal J. Assessment of Postural Load Index Using LUBA Method and the Prevalence of Musculoskeletal Disorders in Dentists. *Journal of Occupational Hygiene Engineering*. 2014 Sep 15;1(2):27-36.
  14. Motamedzade M, Tavakoli M, Golmohammadi R. Reliability Assessment of Washington States Ergonomic Checklist Using Agreement Method between the Observers of Two Groups of Ergonomic Specialist and Non-specialist. *Journal of Occupational Hygiene Engineering*. 2014 Sep 15;1(2):67-73.
  15. Chahardoli S, Motamedzade M, Hamidi Y, Golmohammadi R, Soltanian AR. Relationship between job design, performance and job satisfaction among Bank employees. *Journal of Health and Safety at Work*. 2014 Sep 15;4(3):75-84.

16. Rafieepour A, Farasati F, Kalantari S, Motamedzadeh M, Rafieepour E. Estimation of Maximum Aerobic Capacity and the Effect. Qom University of Medical Sciences Journal. 2014 Aug 23;8(3).
17. Faghieh MA, Motamedzade M, Golmohammadi R, Faradmal J, Mohammadi H, Garkaz A. The investigation of relationship between pain and sick leave in an automobile manufacturing company. Iran Occupational Health. 2014 Jul 1;11(4).
18. Soltanian A, Motamedzade M, Garkaz A, Mahdavi N. Persian version of Swedish occupational fatigue inventory (P-SOFI): validity and reliability. Iran Occupational Health. 2014 Jan 1;11(1).
19. Dormohammadi A, Motamedzade M, Sardrodi A, Zarei E, Asghari M, Musavi S. Comparative assessment of manual material handling using the two methods of mac and revised niosh lifting equation in a tile manufacturing company. Iran Occupational Health. 2013 Sep 1;10(5).
20. Sohrabi MS, Motamedzade M, Golmohammadi R, Moghimbeigi A. Using a driving simulator to assess driver's reaction time to two types of brake lights. Iran Occupational Health. 2013 May 15;10(1):1-0.

### **Abstracts and Presentations**

#### **1. 8th National Congress of Occupational Health and Safety**

Location: Sary, Iran,

Date: 24-26 April -2013

Authors: Motamedzade M

Type : Oral Presentation & Abstract

#### **2. 7th National Congress of Occupational Health and Safety**

Location: Ghazvin-Iran,

Date: 3-5 May-2011

Authors: Motamedzade M

Type : Abstract, Lecturer,

#### **3. The 1<sup>st</sup> Biannual Iranian Conference on Ergonomics**

Location: Hamedan, Iran,

Date: 14-15 October -2014

Authors: Motamedzade M

Type : Poster, Lecturer,



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# Iraj Mohammadfam

## Papers English

1. Safety Risk Modeling And Major Accidents Analysis Of Hydrogen And Natural Gas Releases: A Comprehensive Risk Analysis Framework. I Mohammadfam, E Zarei. International Journal Of Hydrogen Energy 40 (39), 13653-13663
2. Interventions To Promote Of Safety Participation Using Generalized Estimating Equations. I Mohammadfam, H Mahjub, O Hamidi, L Tapak. International Journal Of Occupational Hygiene 7 (2), 69-75
3. Comparison Of Commonly Used Accident Analysis Techniques For Manufacturing Industries. I Mohammadfam, N Mansouri, H Nikoomaram, F Ghasemi. International Journal Of Occupational Hygiene 7 (1), 32-37
4. Evaluation Of Health, Safety And Environment (Hse). I Mohammadfam, H Nikoomaram, M Faridan. International Journal Of Occupational Hygiene 5 (1), 1-5
5. Analysis And Simulation Of Severe Accidents In A Steam Methane Reforming Plant. Mj Jafari, I Mohammadfam, E Zarei. International Journal Of Occupational Hygiene 6 (3), 120-130
6. Evaluation Of The Implementation Of A Computerized Maintenance Management System On The Maintenance And Safety Kpis. I Mohammadfam, F Bahmani, S Mahmoudi. International Journal Of Occupational Hygiene 6 (2), 96-100  
semi Quantitative Risk Assessment Of A Hydrogen Production Unit. M Jafari, S Lajevardi, I Mohammad-Fam. International Journal Of Occupational Hygiene 5 (3), 101-108.
7. Application Of Hazard And Operability Study (Hazop) In Evaluation Of Health, Safety And Environmental (Hse) Hazards. I Mohammadfam, A Sajedi, S Mahmoudi, F Mohammadfam. International Journal Of Occupational Hygiene 4 (2), 17-20
8. Applying Social Network Analysis To Evaluate Preparedness Through Coordination And Trust In Emergency Management. I Mohammadfam, S Bastani, R Golmohamadi, A Saei, M Es-Haghi. Environmental Hazards 14 (4), 329-340
9. Study Of The Continuous Improvement Trend For Health, Safety And Environmental Indicators, After Establishment Of Integrated Management System (Ims) In A Pharmaceutical Industry In Iran. P Mariouryad, F Golbabaei, P Nasiri, I Mohammadfam, H Marioryad. Journal Of Clinical And Diagnostic Research: Jcdr 9 (10), Lc18
10. Surprising Incentive: An Instrument For Promoting Safety Performance Of Construction Employees. F Ghasemi, I Mohammadfam, Ar Soltanian, S Mahmoudi, E Zarei. Safety And Health At Work 6 (3), 227-232

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