CURRICULUM VITAE

Mostafa Mirzaei Aliabadi

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              Address: Department of Occupational Health, Public Health school,
              Hamadan University of medical sciences, Hamadan,
              Iran

Academic Rank   *Associate professor*

School   *Public Health,*
                 Occupational Health

Education:
- B.Sc. (2000- 2004).Tehran University of Medical Sciences, Tehran, Iran.
(Occupational Health)
- M.Sc. (2006- 2008).Iran University of Medical Sciences, Tehran, Iran.
(Occupational Health)
- Ph.D. (2014).Tehran University of Medical Sciences, Tehran, Iran.
(Occupational Health)

Language Skills:
- Persian Speaking: Native, Reading: Native, Writing: Native
- English Reading: Good, Writing: Good

Course Teaching:
- Industrial Safety

Research Interests:
- Risk Analysis
- Human Reliability Analysis (HRA)
-Incident Analysis
-Behavior Based Safety (BBS)

Papers:
1. *Comprehensive Failure Analysis in Tehran Refinery Fire Accident: Application of Accimap Methodology and Quantitative Domino Effect Analysis K Gholamizadeh, M Alauddin, MM Aliabadi, A Soltanzade, ... Fire Technology, 1-20*
2. *Effect of safety climate on safety behavior and occupational injuries: A systematic review study I Mohammadfam, M Mahdinia, MM Aliabadi, AR Soltanian Safety science 156, 105917*
3. *An integrative fuzzy Delphi decision-making trial and evaluation laboratory (DEMATEL) study on the risk perception-influencing factors R Yeganeh, I Mohammadfam, A Soltanian, M Mirzaei Aliabadi International Journal of Occupational Safety and Ergonomics, 1-12 Human Error Probability Determination in Blasting Process of Ore Mine Using a Hybrid of HEART and Best-Worst Methods MM Aliabadi, I Mohammadfam, AR Soltanian, K Najafi Safety and Health at Work 13 (3), 326-335*
4. *Linking mental health to safety behavior in construction workers: The mediating effect of work ability and sleep quality M Mahdinia, I Mohammadfam, MM Aliabadi, A Hamta, A Soltanzadeh Work, 1-11 Developing a Bayesian network model for improving chemical plant workers' situation awareness M Mahdinia, I Mohammadfam, H Aghaei, MM Aliabadi, H Fallah, ... Theoretical Issues in Ergonomics Science, 1-15*
5. *The mediating effect of workers' situation awareness on the relationship between work-related factors and human error: a path analysis approach M Mahdinia, I Mohammadfam, M Mirzaei Aliabadi, H Aghaei, ... International journal of occupational safety and ergonomics 28 (3), 1958-1966 Introducing of a Method for Assessment of Difficulty of Firefighting Operation for Full Surface Atmospheric Storage Tanks Fires M Azizinejad, MM Aliabadi, O Kalatpour Journal of Failure Analysis and Prevention 22 (3), 1293-1307*
6. *Application of the bow-tie analysis technique in quantitative risk assessment of gas condensate storage considering domino effects MM Aliabadi, H Ramezani, O Kalatpour International Journal of Environmental Science and Technology, 1-14 Modeling cause-and-effect relationships among predictive variables of human error based on the fuzzy multi-criteria decision-making method A Soltanzadeh, M Sadeghi Yarandi, M Mirzaei Aliabadi, M Mahdinia Theoretical Issues in Ergonomics Science 23 (3), 259-276*
7. *Identification and evaluation of maintenance error in catalyst replacement using the HEART technique under a fuzzy environment M Mirzaei Aliabadi, I Mohammadfam, K Salimi International Journal of Occupational Safety and Ergonomics 28 (2), 1291-1303 Causal Analysis of the Zemestan-Yurt Coal Mine Explosion in Iran M Mirzaei Aliabadi, I Mohammadfam, K Shabani Journal of Failure Analysis and Prevention, 1-12, 2022*
8. *A fuzzy Bayesian network DEMATEL model for predicting safety behavior M Mahdinia, I Mohammadfam, A Soltanzadeh, MM Aliabadi, H Aghaei International journal of occupational safety and ergonomics, 1-8, 2021*
9. *Application of the bow-tie analysis technique in quantitative risk assessment of gas condensate storage considering domino effects MM Aliabadi, H Ramezani, O Kalatpour International Journal of Environmental Science and Technology, 1-14, 2021*
10. *The mediating effect of workers' situation awareness on the relationship between work-related factors and human error: a path analysis approach M Mahdinia, I Mohammadfam, M Mirzaei Aliabadi, H Aghaei, ... International journal of occupational safety and ergonomics, 1-9, 2021*

11. *Human reliability analysis in de-energization of power line using HEART in the context of Z-numbers H Aghaei, M Mirzaei Aliabadi, F Mollabahrami, K Najafi Plos one 16 (7), 2021*
12. *A path analysis model of individual variables predicting safety behavior and human error: The mediating effect of situation awareness I Mohammadfam, M Mahdinia, A Soltanzadeh, MM Aliabadi, AR Soltanian International Journal of Industrial Ergonomics 84, 2021*
13. *Identifying, Evaluating and Determining of The Most Important Predictive Variables of Safety Situation Awareness Using Fuzzy Logic Approach M Mahdinia, M Mirzaei Aliabadi, A Soltanzadeh, AR Soltanian, Health and Safety at Work 11 (2), 176-195, 2021*
14. *Modeling cause-and-effect relationships among predictive variables of human error based on the fuzzy multi-criteria decision-making method A Soltanzadeh, M Sadeghi Yarandi, M Mirzaei Aliabadi, M Mahdinia Theoretical Issues in Ergonomics Science, 1-18, 2021*
15. *Identification and evaluation of maintenance error in catalyst replacement using the HEART technique under a fuzzy environment M Mirzaei Aliabadi, I Mohammadfam, K Salimi International Journal of Occupational Safety and Ergonomics, 1-13, 2021*
16. *Human error analysis in furnace start-up operation using HEART under intuitionistic fuzzy environment MM Aliabadi Journal of Loss Prevention in the Process Industries 69, 2021*
17. *Locating urban CNG stations using quantitative risk assessment: using the Bayesian network MM Aliabadi, K Gholamizadeh Safety and Reliability 40 (1), 48-64, 2021*
18. *Fire and explosion risk analysis, using bow-tie method and fuzzy-bayesian network in the process industries T Eskandari, MM Aliabadi, I Mohammadfam Iran Occupational Health 18 (1), 150-165, 2021*
19. *Risk Assessment Of Petroleum Products Loading Arm By Bta Technique AM MIRZAEI, I Mohammadfam, S Khorshidikia JUNDISHAPUR JOURNAL OF HEALTH SCIENCES 13 (1), 0-0, 2021*
20. *Developing a method for assessing and managing the risk of Covid-19; rapid covid-19 hazard analysis M Mirzaei Aliabadi Iran Occupational Health 17 (1), 6-17,2020*
21. *Structural equation modeling of risk-taking behaviors based on personality dimensions and risk power M Mirzaei Aliabadi, E Taheri, K Najafi, F Mollabahrami, S Deyhim, International Archives of Health Sciences 7 (3), 119-125, 2020*
22. *The relationships among occupational safety climate, patient safety climate, and safety performance based on structural equation modeling H Aghaei, ZS Asadi, MM Aliabadi, H Ahmadinia Journal of Preventive Medicine and Public Health 53 (6), 447, 2020*
23. *Mostafa Mirzaei Aliabadi, Investigating interactions among vital variables affecting situation awareness based on Fuzzy DEMATEL method, International Journal of Industrial Ergonomics,*
24. *Mostafa Mirzaei Aliabadi, Human Errors Assessment in the one of the control rooms of a petrochemical industrial company using the extended CREAM method and BN, Journal of Health and Safety at Work*
25. *Mostafa Mirzaei Aliabadi, Analysis of occupational injuries severity in the mining industry using Bayesian network, Iran, Epidemiology and Health*

26. *Mostafa Mirzaei Aliabadi, Human Reliability Analysis (HRA) Using Standardized Plant Analysis Risk-Human (SPAR-H) and Bayesian Network (BN) for Pipeline Inspection Gauges (PIG) operation A Case Study in a Gas Transmission Plant, Health Scope*

27. *Mostafa Mirzaei Aliabadi, Effects of human and organizational deficiencies on workers' safety behavior at a mining site in Iran, Epidemiology and Health*

28. *Mostafa Mirzaei Aliabadi, Analysis of human and organizational factors that influence mining accidents based on Bayesian network, International Journal of Occupational Safety and Ergonomics*

29. *Assessment, and Control of Errors in Chemotherapy Process: A Case Study between Physician and Nurse Mostafa mirzaei aliabadie, International Journal of Occupational Hygiene Identification*

30. *Identification, assessment and control of errors in chemotherapy process MM Aliabadi, I Mohammadfam, AR Soltanian, M Ghalenoei, M Karimi International Journal of Occupational Hygiene 9 (4)*

31. *Dynamic safety assessment of natural gas stations using Bayesian network E Zarei, A Azadeh, N Khakzad, MM Aliabadi, I Mohammadfam Journal of hazardous materials 321, 830-840*

32. *Dynamic safety assessment of natural gas stations using Bayesian network E Zarei, A Azadeh, N Khakzad, MM Aliabadi, I Mohammadfam Journal of hazardous materials 321, 830-840*

33. *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.*

34. *Mostafa Mirzaei Aliabadi, Ghasem Naderi, Seyed Jamaleddin 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*

35. *Mostafa Mirzaei Aliabadi, Ghasem Naderi, Seyed Jamaleddin 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.*

36. *Zare Sakhvidi MJ, Mirzaei Aliabadi M, "Occupational cancers risk perception in Iranian workers", Archives of Environmental and Occupational Health, 2013; 69 (3): 167-171*

37. *Farideh golbabaei, 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-Profes-sional Footballers, Iranian Journal of Public Health 2014. 43(3):355-361*

Skills:
-Computer Knowledge:
OS: Windows 7, Linux
Microsoft Office: Word, Excel and Power point
Application: MATLAB