

Alireza Koohpaei

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PROFESSIONAL SUMMARY

Assistant professor of Qom university of medical sciences, 2008

Associate professor of Qom university of medical sciences, 2016

WORK EXPERIENCE

Training, occupational health and safety courses, from 2000 to now.

Responsibilities:

- Head of Academic Department from 2008 to 2018
- Head of Research Center of Work Health from 2016 to now.
- Editor in Chief of Archives of Hygiene Sciences Journal from 2019

EDUCATION

Bachelor Degree of occupational health and safety, Tehran University of Medical sciences, Iran, 1997

Master Degree of occupational health and safety, Tehran University of Medical sciences, Iran, 2000

Ph.D. Degree of occupational health and safety, Tehran University of Medical sciences, Iran, 2007

SOME RESEARCH RESULTS

- 1) F Golbabaie, H Nazeman, SJ Shahtaheri, AR Koohpaei, Evaluation of Clean Air from Viewpoint of Tile Industry Personnel, Iranian J. Publ. Health, 31 (2002) 87-91.
- 2) A.R. Koohpaei, S.J. Shahtaheri, M.R. Ganjali, A. Rahimi Forushani, F. Golbabaie, Application of Multivariate Analysis to the Screening of Molecularly Imprinted Polymers (MIPs) for Ametryn, Talanta 75 (2008) 978-986.
- 3) A.R. Koohpaei, S.J. Shahtaheri, M.R. Ganjali, A. Rahimi Forushani, F. Golbabaie, Molecular Imprinted Solid Phase Extraction for Determination of Atrazine in Environmental Samples, Iran. J. Environ. Health Sci. Eng., 5(4) (2008) 283-296.
- 4) A.R. Koohpaei, S.J. Shahtaheri, M.R. Ganjali, A. Rahimi Forushani, F. Golbabaie, Optimization of Solid-phase Extraction using Developed Modern Sorbent for Trace Determination of Ametryn in Environmental Matrices, Journal of Hazardous Materials, 170 (2009) 1247-1255.
- 5) P. Nassiri, A.R. Koohpaei, H. Zeraati, Jafari Shahkouhi P. Evaluation of Exposure to Whole-Body Vibration and Its Effects on Train Operators in Tehran-Andimeshk Line, Iran, Journal of Low Frequency Noise Vibration and Active Control, 28 (4), (2009) 285-294.
- 6) Rahiminejad M, Shahtaheri SJ Ganjali MR, Rahimi- Froushani, Koohpaei AR, Golbabaie F. Molecularly imprinted solid phase extraction for trace analysis of diazinon in drinking water, Iranian Journal of Environmental Health Science and Engineering Vol. 6, No. 2, 97-106, 2009.
- 7) M. Rahiminezhad, S.J. Shahtaheri, M.R. Ganjali, A.R. Koohpaei, A. Rahimi Forushani, F. Golbabaie, An Experimental Investigation of the Molecularly Imprinted Polymers as Tailor-Made Sorbents of Diazinon, Journal of Analytical Chemistry, 65 (7), (2010) 694-698.

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- 8) M. Rahiminezhad, S.J. Shahtaheri, M.R. Ganjali, A.R. Koohpaei, A. Rahimi Forushani, F. Golbabaei, Synthesis of Molecularly Imprinted Polymer as a Solid Phase Sorbent for Pesticide Dursban, *IJOH*, 2 (2), (2010) 51-56.
- 9) P. Nassiri, A.R. Koohpaei, H. Zeraati, Jafari Shakhkouhi P. Train Passengers Comfort with Regard to Whole-Body Vibration, *Journal of Low Frequency Noise Vibration and Active Control*, 30 (2), (2011) 125-136.
- 10) A.R Mashkooori, A.R. Bahrami, F. Ghorbani Shahna, M.J. Zare Sakhvidi, A.R Koohpaei, A. Mohammadbeigi. Feasibility study for application of the marine coral powder as a novel adsorbent for Volatile Organic Hydrocarbons. *Iranian Journal of Health, Safety & Environment*. 2015; 2(2): 270-274.
- 11) Malakuti J, Koohpaei A.R, Arsang Jang S, Dehghan Nasiri M, Pulmonary effects of exposure to synthetic fibers: A case study in a textile industry in Iran. *Arch Hyg Sci* 2015; 4 (3): 114-122.
- 12) Mohammad Khandan, Amir Kavousi, Alireza Koohpaei*, Application of structural equations modeling to assess relationship among emotional intelligence, general health and occupational accidents, *IJOH*, 2015: volume 7, number 3, 124-131.
- 13) Farideh Golbabaei, Ali Ebrahimi, Hamid Shirkhanloo, Alireza Koohpaei, Ali Faghihi Zarandi, Single-Walled Carbon Nanotubes (SWCNTs), as a novel sorbent for determination of mercury in air, *Global Journal of Health Science*; Vol. 8, No. 7; 2016, 273-280.
- 14) A.R Koohpaei, M. Khandan, M. Gaeeni, S. Momenian. General health status of workers among different workplaces in Qom province, Iran. *Electronic Physician*. 2015; 7(8), 1658-65.
- 15) A.R Koohpaei, M. Khandan. Survey mental health status and related factors among food industry workers in a province of Iran. *International Academic Journal of Social Sciences*, 2015; 2 (6): 1-9.
- 16) Majid Najafi, Iraj Javadi, Alireza Koohpaei*, Somaye Momenian, and Mahmoud Rajabi, Chronic manganese exposure: The assessment of psychological symptoms among manganese mineworkers, *International Academic Journal of Social Sciences*, 2015; 2 (9): 18-24.
- 17) Koohpaei A, Khandan M*, Assessment of mental health status of professional urban bus driver's and its effective components in Qom province, Iran 2014, *Journal of Occupational Health and Epidemiology*, 2016;4(1):34-42.
- 18) Khandan M., Koohpaei AR.*, Can emotional intelligence be used as a tool to control occupational accidents? case study in an Iranian industry, *IJHSE*, Vol 3, No 2 (2016).
- 19) Malakouti J, Koohpaei AR, Arsang Jang S, Dardmand F, Shaterian R, Mashkooori A. Evaluation of heat stress in dry cleaner units: A case study in Qom, Iran. *Arch Hyg Sci* 2016; 5(2): 111-116.
- 20) Khandan M., Nili M., Koohpaei AR., Mosafarchi S. Integrating the ergonomics techniques with Multi Criteria Decision Making as a new approach for risk management: An assessment of repetitive tasks -Entropy case study, *JRHS*, 2016; 16 (2): 85-89
- 21) Mohammad Khandan, Alireza Koohpaei*, Fatemeh Babaki, The effect of individual and organizational variables on patient safety culture (PSC): A case study on nurses. *Arch Hyg Sci*. 2016;5(3):179-83.
- 22) Mohammad Khandan, Zeinab Eyni, Leila Ataeimanesh, Zahra Khosravi, Hamed Biglari, Alireza Koohpaei*, Mohsen Poursadeghiyan. Relationship between Musculoskeletal Disorders and Job Performance among Nurses and Nursing Aides in Main Educational Hospital in Qom Province, 2014. *Research Journal of Medical Sciences*. 2016; 10(4): 307-312.
- 23) Khandan M., Koohpaei AR.*, Ergonomics risk management in a manufacturing company using ELECTRE, *Health Scope*, 2016;5(4). Doi: 10.17795/jhealthscope-34901
- 24) Mohammad Khandan, Leila Ataeimanesh, Zeinab Eyni, Zahra Khosravi, Hamed Biglari, Alireza Koohpaei*, Mohsen Poursadeghiyan. Relationship between Job content and Demographic Variables with Musculoskeletal Disorders among Nurses in a University Hospital, Qom Province, 2014. *Research Journal of Applied Science*, 2016; 11(7): 547-553.

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- 25) Khandan M, Koohpaei AR*, Mental Health Status and its Relationship with Accident and Unsafe Behavior in a Printing & Press Industry, 2014; Iranian Journal of Health, Safety & Environment, 2016; Vol.3, No.4, pp.592-596.
- 26) Mohammad Khandan, Saeedeh Yusefi, Robabeh Sahranavard, Alireza Koohpaei*, SHERPA Technique as an Approach to Healthcare Error Management and Improvement of Patient Safety: A Case Study among Nurses, Health Scope, 2017;6(2), DOI: 10.17795/jhealthscope-37463
- 27) Mohammad Khandan, Somayeh Moamenyan, Leila Ataei Manesh, Zahra Khosravi, Zeinab Eyni, Alireza Koohpaei*, The Relationship between Fatigue and Job Content with Musculoskeletal Disorders among Nurses, Jundishapur Journal of Health Sciences, 2017. Vol. 9, No. 2.
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- 29) Mohammad Fahiminia, Bahar Rahmanifar, Alireza Koohpaei, Shahram Moradi Dehaghi, The NanoChitosan thin film: a new portable support for immobilization of Acid phosphatase, International Journal of Advanced Biotechnology and Research, 2016;7(4):1650-60.
- 30) Alireza Mashkoori, Shabnam Asadi, Ahmadreza Yari, Zahra Allahdadi, Zabihollah Gharlipour, Alireza Koohpaei*, Evaluation of Local Illumination and Visual Fatigue among the R&D Official Staffs of an Automotive Industry in Iran, Int Arch Health Sci. 2016;4(3):157-162.
- 31) M Khandan, Z Arab, AR Koohpaei. "High Ergonomic Risk of Computer Work Postures Among Iranian Hospital Staff: Evidence from a Cross-Sectional Study". International Journal of Hospital Research. 2016. Vol. 5, No. 1.
- 32) Mohammad Fahiminia, Bahar Rahmanifar, Alireza Koohpaei, Shahram Moradi Dehaghi, HEAVY METAL MONITORING BY A NEW TOOL: ACID PHOSPHATASE/CHITOSAN NANOPARTICLES THIN FILM BIOSENSOR, Fresenius Environmental Bulletin. 2017; 26:1579-84.
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- 34) Khandan M, Mosafarchi S, Koohpaei AR*, Assessing exposure to risk factors for work-related musculoskeletal disorders using assessment tool for repetitive tasks (ART) in a manufacturing company, Arch Hyg Sci. 2017. Vol. 6, No. 3.
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- 36) Mohammad Khandan, Zeinab Eyni, Alireza Koohpaei*, Relationship between Spiritual Intelligence and Job Performance: A case Study among Nurses and nursing aids in the Main Academic Hospital, Qom, Iran, Health, Spirituality and Medical Ethics, 2017; 4(3):8-13.
- 37) Mohammad Khandan, Mohaddeseh Haji Aligol, Masumeh Shamsi, Alireza Koohpaei*, Occupational Health, Safety and Ergonomics (HSE) Challenges and Opportunities Based on the Organizational Structure Analysis (OSA): A Case Study in the Selected Manufacturing Industries in Qom Province, Iran, 2015, Annals of Tropical Medicine & Public Health, 2017; 10 (3): 606-611. DOI: 10.4103/ATMPH.ATMPH_110_17
- 38) Koohpaei, A. Khandan, M. Vosoughi, S. Farrokhi, M. Poursadeghiyan, M. Industrial workers` postures analysis by a new method named `loading on the upper body assessment in Iran ` Annals of Tropical Medicine and Public Health 2017; 10(4):973