

# Dr Alireza Hajighasemkhan

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| Educational Record | Ph.D. in Environmental Science (Trend: Pollutions), 2015-2020, Faculty of Natural Resources and Environment, Science and Research Branch, Islamic Azad University, Tehran, Iran  MSc in Medical Toxicology, 1990-1995, Faculty of Medicine, Tehran University of Medical Sciences, Tehran, Iran |

|                                    | BSc in Occupational Health Engineering, 1988-<br>1990, School of public health, Tehran University of<br>Medical Sciences, Tehran, Iran  |
|------------------------------------|---|
| Research Interests and Activities: | Industrial & Environmental Toxicology   |
| Teaching Experience:               | Occupational Toxicology, Industrial<br>Toxicology, Chemicals Agent in workplace,<br>Analysis of working air samples, Application of<br>pesticides, Basic of occupational health |

#### **Publications**

#### **Books:**

Fundamental of sampling and analysis of pollutants in the workplace, Baraye Farda publications,1th ed 2010,2<sup>nd</sup> ed 2017, Tehran, Iran. [In Persian].

Industrial Toxicology, Baraye Farda publications,1th ed 2007,2<sup>nd</sup> ed 2011,3<sup>rd</sup> ed 2018, Tehran, Iran. [In Persian].

Essential of Occupational Hygiene, Baraye Farda publications,1th ed 2004,2<sup>nd</sup> ed 2005,3<sup>rd</sup> ed 2009, Tehran, Iran. [In Persian]

Hazardous materials in fires, Setayesh publications, 2000, Tehran, Iran. [In Persian]

## Journal papers:

Adsorption kinetics and isotherms study of 2, 4-dichlorophenoxyacetic acid by 3dimensional/graphene oxide/magnetic from aquatic solutions, *International Journal of Environmental Analytical Chemistry*, 2020:1-21.

Removal of 2,4-dichlorophenoxyacetic acid and 4-chloro-2-methyl phenoxyacetic acid herbicides from aquatic environments by a novel polymer magnetic nanoparticles. Iranian Journal of Health and Environment. 2020;13(1):147-64.

Evaluation of Health, Safety and Environment status using SWOT matrix to provide continuous improvement strategies: A case study in municipality of Qazvin. Journal of Health in the Field, Vol.4, No.3, Autumn 2016

The effect of the use of NP305 masks in improving respiratory symptoms in workers exposed to sulfuric acid mists in plating and pickling units, *Electronic physician*, *vol5*,2013

Investigation of Simultaneous Exposure to Noise and Formaldehyde Vapor on Mouse Reproductive Function".14<sup>th</sup> Congress on Reproductive Biomedicine, International Journal of Fertility and Sterility .Vol 7, Suppl 1, Summer 2013, Pages: 71

Labeling of shipments containing hazardous chemicals, Rasam journal. No2, Autumn of 2012, [In Persian].

Hazardous Atmosphere in confined space, Payame Imeny. No 9, Sep & Oct 2012. [In Persian].

Fire Toxicology, Farhang Imeny, No 18, Sep & Oct 2011. [In Persian].

Effects of hydrochloric acid on worker's respiratory system, Imeny, Behdasht va Mohit Zyst, No 1, Dec 2008. [In Persian].

Carbon monoxide poisoning in fireplace, Gashtak, No23,24, Winter of 1999. [In Persian].

Diagnosis and treatment of lead poisoning, Razi Journal, No 6, July 1999 [In Persian].

Lead poisoning, Daneshjooyan, No 34, June 1999 [In Persian].

Influences of Thiamine and/or Ascorbic acid on Lead intoxication, *ACTA MEDICA IRANICA*, *Vol* 34, *No* 3, 4, 1996

The Effects of Thiamine and Ascorbic Acid in Lead Intoxication , book of abstracts, Eurotox

95/Toxicology letters supplement 1/78 (1995 ) 1-88

## Presented in Congress:

Investigation of respiratory symptoms and pulmonary function in occupational exposure to Welding fumes, National Conference on Health, Safety and the Environment, Khatam Al-Anbia Construction Camp, 27,28 Nov 2011, Olympic Hotel Conference Hall, Tehran, Iran

Investigating the relationship between occupational exposure to ozone and respiratory disorders in welders, National Conference on Health, Safety and the Environment, Khatam Al-Anbia Construction Camp, 27,28 Nov 2011, Olympic Hotel Conference Hall, Tehran, Iran

Respiratory effects of occupational exposure to nitrogen oxides in welding, 4th meeting of managers and experts of the Ministry of Oil ,1,2 Nov 2011, Riseen International Conference Center, Tehran, Iran

Welding fumes and its effect on the respiratory system of welders, 4th meeting of managers and experts of the Ministry of Oil,1,2 Nov 2011, Riseen International Conference Center, Tehran, Iran

Investigating the effects of noise in a machine manufacturing, 9th Iranian Hearing Congress, Radio and Television Conference Hall,27-29 Apr 2010

Investigating the events of the first 9 months of 2009 in the assembly hall of one of Automotive factories, Second National Conference on Organizing Safety and Health Management, Tehran, Amirkabir University,28,29 Apr2010, tehran

Investigating the effect of formaldehyde on exposed worker's respiration system, The 1st national conference on occupational health and safety and the 6th Occupational Health Conference, Tehran University of Medical Sciences, Tehran, Iran, 28-30 Apr2009

Survey of some clinical signs of contact with cephalexin among its production line workers, 8th Iranian Conference on Toxicology and Poisoning, Tehran University of Medical Sciences, Tehran, Iran, 7-9 Dec 2005

Investigation of the toxic effects of hydrochloric acid on exposed workers, 6th National Congress on Poisoning and Toxicology, Ahwaz University of Medical Sciences, Ahwaz, Iran, 16-18 Nov 1999

Investigation of the toxic effects of cephalexin on its producers, 14th Congress of Physiology and Pharmacology, Tehran University of Medical Sciences, Tehran, Iran, 16-18 May 1999

Effects of thiamine and ascorbic acid on lead poisoning, Fourth National Congress of Poisoning and Toxicology, Shahid Beheshti University of Medical Sciences, Tehran, Iran,7-10 Oct 1995

### Honors and Awards:

(2017) The distinguished Teacher of HSE faculty, award from Shahid Beheshti University of Medical Sciences

(2011)The distinguished Teacher of HSE faculty, award from Shahid Beheshti University of Medical Sciences.

(2004) The distinguished Researcher Ministry of Labor and Social Affairs