

Personal Information

Name: Moayed

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Academic Rank: Assistant Professor - Faculty member- School of Health

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Education

1. B.Sc

Environmental Health, Ilam University of Medical Sciences, Ilam, Iran, 2001

2. MSc

Environmental Health Engineering, Iran University of Medical Science, Tehran, Iran, 2004

3. Ph.D

Environmental Health Engineering, Shahid Beheshti University of Medical Science, Tehran, Iran, 2019

Research Projects

1. Investigation of Pollutants in Ilam Reservoir Dam - 2006
2. Investigating the potential of trihalomethanes in drinking water resources of Ilam - 2009
3. Assessment of health status of Ilam swimming pools - 2009
4. Investigation of Infectious Waste in Ilam Medical Centers - 2009
5. Worldwide survey of tobacco use among medical and paramedical students – 2009
6. Investigation of Drinking Water Pollution of Public Vehicles of Ilam Province – 2010
7. Investigation of Microbial and Chemical Indicators of Milk at Ilam Milk Factory – 2010
8. Assessment of the microbiological safety of salad vegetables from different Restaurants in Ilam – 2010

- 9.** Detection of dyes in confectionery products using thin-layer chromatography – 2010
- 10.** Evaluation of Corrosion and Sedimentation Potential in Drinking Water Resources of Ilam City – 2010
- 11.** Evaluation of drinking water fluoride level and its relation with dental caries in Ilam elementary students – 2012
- 12.** Surfactant modified montmorillonite as a low cost adsorbent for 4-chlorophenol: Equilibrium, kinetic and thermodynamic study – 2012
- 13.** Influence of scavenging property of organic compounds on photocatalytic removal of Reactive Black 5 dye and Blue 71 Direct from aqueous media using titanium dioxide particles in the presence of radiation – 2012
- 14.** Study on bacterial contamination of traditional butter made from cow's and sheep's milk in Ilam – 2013
- 15.** Investigating the amount of unauthorized colors used in cherry and barberry juice in Ilam city – 2013
- 16.** Evaluation of additives and preservatives in soft drinks in Ilam city – 2013
- 17.** Evaluation of Cryptosporidium and Giardia Contamination of Ilam City Drinking Water – 2014
- 18.** Prevalence of Toxoplasma protozoa infection in livestock and humans in Iran: A systematic meta-analysis review – 2014
- 20.** Prevalence of Legionella pneumophila infection in water resources of Iranian hospitals: A systematic meta-analysis review – 2014
- 21.** Evaluation of heavy metals (mercury, zinc, arsenic, lead and cobalt) in Ilam drinking water distribution and resources network – 2014
- 22.** Investigation of Copper, Aluminum, Iron and Manganese in Ilam Drinking Water Distribution Network – 2014
- 23.** Evaluation of Nitrite and Sodium Nitrate in Meat Products (Frankfurter and Sausage) Distributed in Ilam – 2014

24. Prevalence of Salmonella and Staphylococcus aureus infection in local and industrial eggs consumed in Ilam – 2014

25. Investigation of microbial contamination of ready-to-eat foods (sandwiches, pizza and salads) in Ilam city – 2014

26. *Enhanced degradation of sulfamethoxazole antibiotic from aqueous solution using Mn-WO₃/LED photocatalytic process: Kinetic, mechanism, degradation path way and toxicity reduction* – 2019

Papers

1. English

1- **M Avazpour**, M Rostami Nejad, F Seifipour, J Abdi. *Assessment of the microbiological safety of salad vegetables from different Restaurants in Ilam. Journal of Paramedical Sciences*, (2013), 4, 122–126.

2. S Shiri, T Khezeli, S Sajjadifar, A Delpisheh, **M Avazpour**, and A Abbasi. *A Novel and Sensitive Method for the Determination of Vitamin B₂ (Riboflavin) in Urine and Pharmaceutical Samples Using an Aqueous Two-Phase Extraction. Journal of Chemistry* (2013), 1-5. <http://dx.doi.org/10.1155/2013/892380> (ISI Journal).

3- S Shiri, **M Avazpour**, A Delpisheh, M Loeimy. *Trace determination and separation of tin (II) by floatation-spectrophotometric using kalmagyte and CTAB. Iran. Chem. Commun. 2* (2014) 119-128.

4. **M Avazpour**, S Shiri, F Seifipour, H Nourmoradi. *Investigation of quality of storage dam ilam, identify of pollutant resources and pollutants attitude. Iran. Chem. Commun. 2* (2014) 106-118.

5. **M Avazpour**, S Shiri, A delpisheh, A abbasi. *Simultaneous Determination of Brilliant Blue FCF and Carmoisine in Food Samples by Aqueous Two-Phase System and Spectrophotometric Detection. J Bas Res Med Sci* 2014; 1(1):56-65.

6. A. R Yazdanbakhsh, M. H Abasi, Z Gholami, **M Avazpour**. *Evaluation the concentration of mercury, zinc, arsenic, lead and cobalt in the Ilam city water supply network and resources. Environmental Health Engineering and Management Journal* (2017), 4(3) 1-5. doi:10.15171/EHEM.2017.

7. A Eslami, Z Gholami, S Nargesi, B Rostami, **M Avazpour**. *Evaluation of microbial contamination of ready-to-eat foods (pizza, frankfurters, sausages) in the city of Ilam. Environmental Health Engineering and Management Journal* (2017), 4(2), 117–122.

8. Y Fakhri, A Alinejad, H Keramati, A Bay, **M Avazpour**, Y Zandsalimi, & et al. *Survey on Different Samsung with Nokia Smart Mobile Phones in the Specific Absorption Rate Electrical Field of Head*. **Global Journal of Health Science (2016)**. 8(9); 251-260. (ISI Journal).
9. A.M. Bandpei, S.M Mohseni, A Sheikhmohammadi, M Sardar, M Sarkhosh, M Almasian, **M Avazpour**, & et al. Optimization of arsenite removal by adsorption onto organically modified montmorillonite clay: Experimental & theoretical approaches. **Korean J. Chem. Eng (2016)**, 1-5. DOI: 10.1007/s11814-016-0287-z. (ISI Journal).
10. Y Fakhri, A Sheikhmohammadi, A Bay, Y Zandsalimi, BMoradi, **M Avazpour**, & et al. *Association between Dichlorodiphenyl dichloroethylene in the Serum and Adipose Tissue with Type 2 Diabetes: A Systematic Review and Meta-Analysis*. **Global Journal of Health Science (2017)**; 9(2), 43-54. (ISI Journal).
11. Z Gholami, S.K Ghadiri, **M Avazpour**, M Alizadeh Fard, Nr Yousefi, S.S Talebi, & et al. *Removal of phosphate from aqueous solutions using modified activated carbon prepared from agricultural waste (Populus caspica): optimization, kinetic, isotherm, and thermodynamic studies*. **Desalination and Water Treatment (2018)**. 133, 177–190. (ISI Journal).
12. Y Fakhria, N Sahab, S Ghanbaric, M Rasoulid, A Mirie, **M Avazpour**, & et al. *Carcinogenic and non-carcinogenic health risks of metal(oid)s in tap water from Ilam city, Iran*. **Food and Chemical Toxicology (2018)**. 118, 204-211. (ISI Journal).
13. Z Gholami, M Abtahi, M Golbini, I Parseh, A Alinejad, **M Avazpour**, & et al. *The concentration and probabilistic health risk assessment of nitrate in Iranian drinking water: a case study of Ilam city*. **Toxin Reviews (2019)**, DOI: 10.1080/15569543.2019.1614958. (ISI Journal).
14. M Massoudinejad, M Sadani, Z Gholami, Z Rahmati, M Javaheri, H Keramati, M Sarafraz, **M Avazpour**, S Shiri. *Optimization and modeling of photocatalytic degradation of Direct Blue 71 from contaminated water by TiO₂ nanoparticles: Response surface methodology approach (RSM)*. **Iranian Journal of Catalysis (2019)**, 9(2), 121-132. (ISI Journal).
15. A. R Yazdanbakhsh, Akbar Eslami, M. R Massoudinejad, **M Avazpour**, *Enhanced degradation of sulfamethoxazole antibiotic from aqueous solution using Mn-WO₃/LED photocatalytic process: Kinetic, mechanism, degradation path way and toxicity reduction*. **Chemical Engineering Journal (2020)**, 380, 122497. (ISI Journal).

2. Farsi

1. **M Avazpour**, M Gholami, H Mohammadi, Z Javadi, Assessment of the quality of water in Ilam storing dam, recognition of pollution sources and the analyzing the ways of pollutants dynamics. *Journal Of Ilam University Of Medical Sciences* Vol. 13, No. 3, Autumn 2005.

2. **M. Avazpour**, F. Seifipour, j. Abdi, t. Nabavi, M. Zamanian-Azodi, Detection of dyes in confectionery products using thin-layer chromatography. Iranian Journal of Nutrition Sciences & Food Technology. Vol. 8, No. 3, Autumn 2013.

3. S. Heidari keshel, H. Tahermansuri, M. Etteghaei, E. Biazar, F. Saifipour, **M. Avazpour**, F. Kazembeigi, Evaluation of Multi-walled Carbon Nanotubes Cytotoxicity Elements Oxathiazole and Phenyl hydrazine Derivative was prepared by Microwave. Scientific Journal of Ilam University of Medical Sciences. Vol. 4, 263-271, 2012.

4. H. Nadri, A. Nikpey, F. Nadri, M. Ghalenoy, A. Safari, **M. Avazpour**, F. Mirzaei, Measurement and design of general illumination in Qazvin Medical science University student residences. Scientific Journal of Ilam University of Medical Sciences. Vol. 4, 84-89, 2012.

Experiences

- **Manager of the Department of Environmental Health of the province in 2004, for one year**

- **Representative of the University in Ilam Province in 2005, for 2 years**

- **Expert in charge of environmental health of the province in 2005, for 4 years**

1. Assistant Professor

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2015

2. Chief Manager of Environmental Chemistry and Microbiology Laboratories

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 1999-2010

3. Department Manager

Department of Environmental Health Engineering, xxxxxxxx University of Medical Sciences, 2003-2005

4. Chief Manager of piping, pump and pumping Workhouses

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2004-2010

5. Manager of Health Faculty development

Responsible Expert of Department of Health Education and Research Committee

Ilam University of Medical Sciences, 2005-2009

Writing and translating books

- Solutions and Solutions Book

Course Teaching

1. B.Sc

Air Pollution- Solid Waste Management- Water Health- Environmental Microbiology- Environmental Health Engineering in Emergency Situation – Fluid Mechanics – Hydraulics- Environmental Health Principles - Environmental Chemistry - Statics and strength of materials - Water Transmission and Distribution - Wastewater Collection Network – Water Treatment

2. MSc

Advanced Device Analysis - Design of water treatment plant

Skills

Water distribution System Design
Environmental Microbiological and Chemistry Tests

Inventions

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Honors

✓ Elected as Top Researcher of Public Health School

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2004-2005 and 2005-2006

✓ Elected as Superior Expert of Water and Wastewater Company

Tehran Province Water and Wastewater Company, South East Branch

✓ Elected as Master Professor

Department of Environmental Health Engineering, Ilam University of Medical Sciences, 2010

Memberships

✓ Member of Environmental and Occupational health of the Ilam Township

- ✓ Member of the Workgroup on Integrated Management of Water Resources Quality, Ilam Township
- ✓ Member of the Rural Water and Wastewater Company Research Committee, Ilam Province

Research Interests:

Environmental Health Monitoring- Water Resources Sampling and Treatment- Air Pollution Health Impacts- Water Distribution Systems