

Dr. Afshin Ebrahimi



Isfahan University of Medical
Sciences, School of Health
Environmental Health Engineering
Hezar Jerib Ave.
Isfahan, Isfahan,
Iran

a_ebrahimi@hlth.mui.ac.ir

Phone: +98-31-3792-2692

Mobile: +98-913-167-4254

Fax: [fax]

Website:

<http://scholar.google.com/citations?user=YsTXvvoAAAAJ&hl=en>

SUMMARY

**Assistant Professor (PhD), Environmental Health Engineering,
Research Fields: Water & Wastewater Pollution Control**

COMPUTER SKILLS

Software

Microsoft Office Excel, Power Point Presentation, MS Word, MS Office 2010, ESRI GIS, WaterCAD, SewerCAD, EPANET, Spatial Analysis, Water GMS, Sewer GMS

EXECUTIVE EXPERIENCES

- | | |
|--------------------------|--|
| 2011-14 | Supervisor of Student Research Center, School of Health, Isfahan University of Medical Sciences |
| 2011-14 | Membership in Environment Research Center, School of Health, Isfahan University of Medical Sciences |
| From 2014 onwards | Deputy Director of Research, School of Health, Isfahan University of Medical Sciences |

EDUCATION

1994-96	Technician, Environmental Health, School of Health, Kermanshah University of Medical Sciences
1997-99	BSc, Environmental Health Engineering, School of Health, Isfahan University of Medical Sciences
2000-02	MSc, Environmental Health Engineering, School of Health, Isfahan University of Medical Sciences
2004-10	PhD, Environmental Health Engineering, School of Health, Isfahan University of Medical Sciences

TEACHING

2002-05	Undergraduate course of Environmental Health, School of Health, Lorestan University of Medical Sciences
2007-14	BSc, MSc and PhD course of Environmental Health Engineering, School of Health, Isfahan University of Medical Sciences

RESEARCH EXPERIENCES (JOURNAL PUBLICATIONS)

1. Afshin Ebrahimi, Ensiyeh Taheri, Asrin Pashae, Mokhtar Mahdavi: The effectiveness of polyaluminum ferric chloride (PAFCI) for turbidity and color removal from Isfahan raw water. *Desalination and water treatment* 06/2014;
2. F. Setayesh, A. Mazroui, A. Ebrahimi, M. Valhid Dastjerdi: Zoning of Isfahan Drinking Water Distribution Network Corrosion Potential in Summer and Autumn of 2011 Using Geographic Information System (GIS). 02/2014;
3. Afshin Ebrahimi, Ensiyeh Taheri, Asrin Pashae, Mokhtar Mahdavi: Effectiveness of poly Aluminium ferric chloride for turbidity and color removal from low to medium turbid water. *Archives of Hygiene Sciences*. 2014;3(1).
4. Hamid Reza Zeinaddine, Afshin Ebrahimi, Vali Alipour, Leila Rezaei: Removal of Nitrogen and Phosphorous from Wastewater of Seafood Market by Intermittent Cycle Extended Aeration System (ICEAS). *J Health Sci Surveillance Sys*. 10/2013; 1(2):89-93.
5. Abdolmoteleb Seid Mohammadi, Ghorban Asgari, Afshin Ebrahimi, Hossein Movahedian Attar, Zahra Sharifi: Application of several advanced oxidation processes for degradation of 4-chlorophenol from aqueous solution. *IJEHE*. 06/2013; 2(3):1-7.
6. Mehdi Khiadani (Hajian), Mohammad Mehdi Amin, Fariborz Momen Beik, Afshin Ebrahimi, Marziyeh Farhadkhani, Fazel Mohammadi-Moghadam: Determination of polycyclic aromatic hydrocarbons concentration in eight brands of black tea which are used more in Iran. *IJEHE*. 06/2013; 2(3).
7. Maryam Salimi, Afshin Ebrahimi, Afsane Salimi: Evaluation of new location of Isfahan's sanitary landfill site with Oleckno method. *IJEHE*. 06/2013; 2(2):1-4.
8. Hossein Farrokhzadeh, Ensiyeh Taheri, Afshin Ebrahimi, Ali Fatehizadeh, Marzieh Vahid Dastjerdi, Bijan Bina: EFFECTIVENESS OF Moringa oleifera POWDER IN REMOVAL OF HEAVY METALS FROM AQUEOUS SOLUTIONS. *Fresenius Environmental Bulletin* 05/2013; 22(5a):1516-1523.
9. Farid Hesami, Bijan Bina, Afshin Ebrahimi, Mohammad Mehdi Amin: Arsenic removal by coagulation

- using ferric chloride and chitosan from water. IJEHE. 04/2013;
10. Ghorban Asgari, Afshin Ebrahimi, Abdolmotaleb Seid Mohammadi, Ghader Ghanizadeh: The investigation of humic acid adsorption from aqueous solutions onto modified pumice with hexadecyl trimethyl ammonium bromide. IJEHE. 04/2013;
 11. Afshin Ebrahimi, Maryam Faraji, Mohsen Sadani, Mohammad Mehdi Amin, Mehdi Hajian, Hamid Reza Pourzamani: Determination of BTEX concentration in the groundwater of east region of Isfahan using passive sampling method. IJEHE. 04/2013; 2(2):1-6.
 12. G Asgari, AS Mohammadi, A Ebrahimi, E Hosseinzadeh: Adsorption of phenol from aqueous solution by modified zeolite with FeCl₃. IJEHE. 03/2013;
 13. Ghorban Asgari, Abdolmotaleb Seyd Mohammadi, Afshin Ebrahimi: Performance of the catalytic ozonation process with pumice in removal of humic acids from aqueous solutions. IJEHE. 01/2013;
 14. Hamzeh Esmaeili, Afshin Ebrahimi, Mehdi Hajian, Hamid Reza Pourzamani: Kinetic and isotherm studies of humic acid adsorption onto iron oxide magnetic nanoparticles in aqueous solutions. IJEHE. 01/2013;
 15. Abdolmotaleb Seid Mohammadi, Ghorban Asgari, Afshin Ebrahimi, Zahra Sharifi, Hossein Movahedian Attar: 4-Chlorophenol degradation with modified domestic microwave and hydrogen peroxide in aqueous solution. IJEHE. 01/2013;
 16. Mohammad Mehdi Amin, Hassan Hashemi, Afshin Ebrahimi, Asghar Ebrahimi, Eng Hassan Hashemi: Effects of oxytetracycline, tylosin, and amoxicillin antibiotics on specific methanogenic activity of anaerobic biomass. IJEHE. 01/2013;
 17. Asghar Tavasolifar, Bijan Bina, Mohammad Mehdi Amin, Afshin Ebrahimi, Mohammad Jalali: Implementation of hazard analysis and critical control points in the drinking water supply system. IJEHE. 01/2013;
 18. Maryam Salimi, Mohammad Mehdi Amin, Afshin Ebrahimi, Akbar Ghazifard, Payam Najafi, Mehdi Mohammad, Amin: Influence of electrical conductivity on the phytoremediation of contaminated soils to Cd²⁺ and Zn²⁺. IJEHE. 01/2013;
 19. Hajar Pourgheysari, Malihe Moazeni, Afshin Ebrahimi: Heavy metal content in edible salts in Isfahan and estimation of their daily intake via salt consumption. IJEHE. 01/2013;
 20. Amir Mohammadi, Bijan Bina, Afshin Ebrahimi, Yaghoob Hajizadeh, Mohammad Mehdi Amin, Hamidreza Pourzamani: Effectiveness of nanozeolite modified by cationic surfactant in the removal of disinfection by-product precursors from water solution. IJEHE. 01/2013;
 21. M. Moazeni, M. Atefi, A. Ebrahimi, P. Razmjoo, M. Vahid Dastjerdi: Evaluation of Chemical and Microbiological Quality in 21 Brands of Iranian Bottled Drinking Waters in 2012: A Comparison Study on Label and Real Contents. *Journal of Environmental and Public Health* 01/2013; 2013:469590.
 22. Mohsen Heidari, Maryam Kazemipour, Bijan Bina, Afshin Ebrahimi, Mehdi Ansari, Mohammad Ghasemian, Mohammad Mehdi Amin: A Qualitative Survey of Five Antibiotics in a Water Treatment Plant in Central Plateau of Iran. *Journal of Environmental and Public Health* 01/2013; 2013:351528.
 23. B. Bina, A. Mohammadi, A. Ebrahimi, M. M. Amin, H. Pourzamani: Survey of Chloroform Concentration in the Water Distribution System of Isfahan, Iran, and Zoning by GIS. *Health System Research*. 03/2012; 8(2).
 24. Amir Mohammadi, Afshin Ebrahimi, Mohammad Mehdi Amin: Feasibility energy recovery potential of municipal solid waste in Northwest of Iran. IJEHE. 01/2012; 1(1):71-74.
 25. Amin Mohammad Mehdi, Hashemi Hassan, Ebrahimi Afshin, Bina Bijan, Movahedian Attar Hossein, Jaber Adib, Saffari Hossein, Mousavian Zahra: Using Combined Processes of Filtration and Ultraviolet Irradiation for Effluent Disinfection of Isfahan North Wastewater Treatment Plant in Pilot Scale. *Water and Wastewater Journal*. 08/2011; 78(2):71-77.
 26. M.M. Amin, A. Ebrahimi, M. Hajian, N. Iranpanah, B. Bina: Spatial Analysis of Three Agrichemicals In Groundwater Of Isfahan Using GS⁺. *Iranian Journal of Environmental Health, Science and Engineering* (ISSN: p-ISSN: 1735-1979) Vol 7 Num 1. 01/2010; 7(1):71-80.

FORIGEN CONFERENCE PROCEEDINGS

1. Afshin Ebrahimi, Mohammad Mehdi Amin, Mehdi Hajian, Nasrallah Iranpanah: *Spatial analysis of electrical conductivity, nitrate, and total organic carbon in groundwater of Isfahan using GS⁺*, IWA WORLD WATER CONGRESS, South Korea, Busan; 09/2012
2. Mohammad Mehdi Amin, Afshin Ebrahimi, Aboulfazl Farahani, Mehdi Hajian, Mohammad Ghasemian: *Application of passive sampling technique in measuring organochlorine pesticides in groundwater supplies*, IWA WORLD WATER CONGRESS, South Korea, Busan; 09/2012.

SKILLS & ACTIVITIES

Skills Wastewater Treatment, Water Purification Technologies, Heavy Metals, Water Analysis, Drinking Water, Ground Water Quality, Environmental Analysis, Water Quality, Environmental Impact Assessment, Carbon Nanotubes, Bioremediation, Geospatial Science, Geographic Information System, Pesticide Analysis, Passive sampling technique, Humic Acid, Adsorption, Phytoremediation, Catalyst, Environmental Biotechnology, Kinetics, Water Supply, Environmental Chemistry, Microbiology Techniques, Environmental Engineering, Environmental Toxicology, Environmental Pollution, Sorption, Environmental Analytical Chemistry, Hazardous Waste Management, Environmental Biochemistry, Biogas, Disinfection, Municipal Solid Waste Treatment, Freshwater Ecology