

Hamidreza Pourzamani



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Address:	Department of Environmental Health Engineering, School of Health, Isfahan University of Medical Sciences, Hezar- Jerib Avenue, Isfahan, Iran Postal Code: 8174673461
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OBJECTIVE

To support my experimental plans, research projects, educational programs and workshops.

RESERCH INTEREST

Application of Nano or Bio-Nano Technology for environment pollutant control, Environmental Chemistry, Nanotechnology, Nano bio sciences, Biomonitoring

CAREER HISTORY

2018- Now Head of Environmental Health Engineering Department

2016 – Now Associated Professor of Environmental Health Engineering at Isfahan University of Medical Sciences

2011 – 2016, Assistant Professor of Environmental Health Engineering at Isfahan University of Medical Sciences

2007 – 2011, PhD candidate of Environmental Health Engineering at Isfahan University of Medical Sciences

2004 – 2007, Instructor of Environmental Health Engineering at Lorestan University of Medical Sciences

I was involved in teaching undergraduate course in water and wastewater treatment in industrial and municipal collection and treatment systems as well as teaching air pollution for Environmental Health students. Other duties included summer field training of students in various water and wastewater treatment plants.

Also I was working on research project common assistance of university and industries

EDUCATION

2007– Now	Isfahan University of Medical Sciences, Isfahan-Iran PhD Candidate in Environmental Health Engineering
2002 –2004	Isfahan University of Medical Sciences, Isfahan, Iran MSc in Environmental Health Engineering
1998 – 2002	Isfahan University of Medical Sciences, Isfahan, Iran BSc in Environmental Health Engineering

LANGUAGE SKILLS

Reading and comprehension: Well

Speaking and writing: Fair

Patents

- 1- Amin Mohammad Mehdi, Bina Bijan, Pourzamani Hamidreza “Magnetic Nano particles column”, 2013, [Iran Patented].

- 2- Pourzamani Hamidreza, Naghshine Mehran, Samani Majd Ali, Samani Majd Saeid, “water disinfection system by chlorine –ozone production in using point”, 2011, [Iran Patented].
- 3- Pourzamani Hamidreza, Naghshine Mehran, Samani Majd Ali, Samani Majd Saeid, “Nitrate and ammonia removal system through electrochemical method with electrolysis process from water and wastewater”, 2016, [Iran Patented].
- 4- Pourzamani Hamidreza, Naghshine Mehran, Samani Majd Ali, Samani Majd Saeid, “Portable disinfection device by electrochemical method (BACO Pen)”, 2016, [Iran Patented].
- 5- Mohamadi Amir, Pourzamani Hamidreza, Faraji Maryam, Nemati Sepide, “Temporary solid waste storage container equipped with leachate collection and disposal package” 2018, [Iran Patented].

Publications

Books

- 1- Pourzamani H, “Fluid Mechanic and Hydraulic (for Health and Engineering Environmental)”, Khaniran Inc., Iran, Tehran 2014, (Book in Persian).
- 2- Bina B., Pourzamani H.R., Mahmodian M.H., “Water and Wastewater Microbiology”, Daneshpajooan Inc., Iran, Esfahan 2010, (Book in Persian).
- 3- Mirhosini H., Jafari A., Pourzamani H.R., “Air and noise Pollution”, Avaye danesh Gostar Inc., Iran, Esfahan 2009, (Book in Persian).
- 4- Pourzamani H.R., Karegar M., Mahmodian M.H., “Environmental Health Book”, Daneshpajooan Inc., Iran, Esfahan 2006, (Book in Persian).

Paper

- 1- Taheri E, Amin MM, Fatehizadeh A, Pourzamani H, Bina B, Spanjers H. Biohydrogen production under hyper salinity stress by an anaerobic sequencing batch

- reactor with mixed culture. *Journal of Environmental Health Science and Engineering*. 2018;16(2):159-70.
- 2- Amin MM, Dehdashti B, Rafati L, Pourzamani HR, Mokhtari M, Khodadadi M. Removal of atenolol from aqueous solutions by multiwalled carbon nanotubes: Isotherm study. *Desalination and Water Treatment*. 2018;133:212-9.
 - 3- Pourzamani H, Hajizadeh Y, Mengelizadeh N. Application of three-dimensional electro-fenton process using MWCNTs-Fe₃O₄ nanocomposite for removal of diclofenac. *Process Safety and Environmental Protection*. 2018.
 - 4- Mohammadi F, Bina B, Amin MM, Pourzamani HR, Yavari Z, Shams MR. Evaluation of the effects of AlkylPhenolic compounds on kinetic parameters in a moving bed biofilm reactor. *The Canadian Journal of Chemical Engineering*. 2018;96(8):1762-9.
 - 5- Poursafa P, Dadvand P, Amin MM, Hajizadeh Y, Ebrahimpour K, Mansourian M, et al. Association of polycyclic aromatic hydrocarbons with cardiometabolic risk factors and obesity in children. *Environment international*. 2018;118:203-10.
 - 6- Pourzamani H, Mengelizadeh N, Hajizadeh Y, Mohammadi H. Electrochemical degradation of diclofenac using three-dimensional electrode reactor with multi-walled carbon nanotubes. *Environmental Science and Pollution Research*. 2018:1-18.
 - 7- Taheri E, Amin MM, Pourzamani H, Fatehizadeh A, Ghasemian M, Bina B. Comparison of Acetate- butyrate and Acetate- ethanol Metabolic Pathway in Biohydrogen Production. *Journal of Medical Signals and Sensors*. 2018;8(2).
 - 8- Dehdashti B, Amin MM, Pourzamani H, Rafati L, Mokhtari M. Removal of atenolol from aqueous solutions by multiwalled carbon nanotubes modified with ozone: kinetic and equilibrium study. *Water Science and Technology*. 2018.
 - 9- Iranpour F, Pourzamani H, Mengelizadeh N, Bahrami P, Mohammadi H. Application of response surface methodology for optimization of reactive black 5 removal by three dimensional electro-Fenton process. *Journal of Environmental Chemical Engineering*. 2018 4//;6(2):3418-35.

- 10- Teiri H, Pourzamani H, Hajizadeh Y. Phytoremediation of VOCs from indoor air by ornamental potted plants: A pilot study using a palm species under the controlled environment. *Chemosphere*. 2018.
- 11- Pourzamani H, Hashemi M, Bina B, Rashidi A, Amin MM, Parastar S. Toluene Removal from Aqueous Solutions Using Single-Wall Carbon Nanotube and Magnetic Nanoparticle–Hybrid Adsorbent. *Journal of Environmental Engineering*. 2017;144(2):04017104.
- 12- Hashemi M, Pourzamani HR, Chavoshani A, Mengelizadeh N, Parseh I, Heidari Farsani M, et al. Industrial landfill site selection using Analytical Hierarchy Process (Case study: Razi industrial town of Isfahan-Iran). *Journal of Advances in Environmental Health Research*. 2017;5(1):51-8.
- 13- Makzoom S, Jonoobi M, Rafieyan F, Pourzamani H. Evaluating the efficiency of cellulose nanofibers in DEHP removal from water. *Desalination and Water Treatment*. 2017;77:229-36.
- 14- Dehdashti B, Pourzamani H, Amin M. A Review of the Performance of Carbon Nanotubes in Reducing Environmental Pollution. *J Environ Health Sustain Dev*. 2017;2(2):298-309.
- 15- Mahdavi M, Mahvi AH, Pourzamani H, Fatehizadeh A, Ebrahimi A. High turbid water treatment by Kenaf fibers: a practical method for individual water supply and remote areas. *DESALINATION AND WATER TREATMENT*. 2017;76:225-31.
- 16- Ebrahimi A, Amin MM, Pourzamani H, Hajizadeh Y, Mahvi AH, Mahdavi M, et al. Hybrid coagulation-UF processes for spent filter backwash water treatment: a comparison studies for PAFCl and FeCl₃ as a pre-treatment. *Environmental Monitoring and Assessment*. 2017;189(8):387.
- 17- Alavi P, Pourzamani H, Ghaneian M. The application of water jet mix to optimize water consumption at sugar factory of Naghshe Jahan, Isfahan. *EurAsian Journal of BioSciences*. 2017;11(1):27-31.
- 18- Abdoli MA, Samani S, Karbassi A, Mahmoudian MH, Pourzamani HR. Investigation of Phasic Process of Biogas Yield by Measuring pH, ORP and Electrical Power Changes. *Archives of Hygiene Sciences*. 2016;5(2):129-35. Pourzamani H, Parastar S,

- Hashemi M. The elimination of xylene from aqueous solutions using single wall carbon nanotube and magnetic nanoparticle hybrid adsorbent. *Process Safety and Environmental Protection*. 2017.
- 19- Pourzamani H, Mengelizadeh N, Jalil M. Nitrate removal from aqueous solution by magnetic nanoparticle. *J Environ Health Sustain Dev*. 2017;2(1):183-91.
- 20- Poursafa P, Amin MM, Hajizadeh Y, Mansourian M, Pourzamani H, Ebrahim K, et al. Association of atmospheric concentrations of polycyclic aromatic hydrocarbons with their urinary metabolites in children and adolescents. *Environmental Science and Pollution Research*. 2017:1-9.
- 21- Ebrahimi A, Amin MM, Hajizadeh Y, Pourzamani H, Memarzadeh M, Mahvi AH, et al. Filter backwash water treatment by coagulation: A comparison study by polyaluminium ferric chloride and ferric chloride. *Desalination and Water Treatment*. 2017;66:320-9.
- 22- Fadaei S, Moghadam FN, Hashemi M, Pourzamani H. BTEX removal from aqueous solution by modified multi-walled carbon nanotubes with ozone. *Anuario do Instituto de Geociencias*. 2017;40(1):235-42.
- 23- Poursafa P, Moosazadeh M, Abedini E, Hajizadeh Y, Mansourian M, Pourzamani H, et al. A systematic review on the effects of polycyclic aromatic hydrocarbons on cardiometabolic impairment. *International Journal of Preventive Medicine*. 2017(3):Int J Prev Med 2017, 8: 19 (6 April).
- 24- Bina B, Mohammadi F*, Amin MM, Pourzamani HR, Yavari Z. Determination of 4-NonylPhenol and 4-tert-octylphenol compounds in various types of wastewater and their removal rates in different treatment processes in nine wastewater treatment plants of Iran. *Chinese Journal of Chemical Engineering*. 2017.
- 25- Hashemi M, Pourzamani HR, Fadaei S, Heidari F, Safa G, Parseh I, et al. Locating industrial landfill using analytical hierarchy process (AHP)(Case study: Natanz-Isfahan industrial suburbs). *Journal of Advances in Environmental Health Research*. 2016;4(4):182-9.

- 26- Safabakhsh T, Pourzamani H. Removal of bisphenol A from aqueous solutions using magnetic nanoparticles: Investigation of adsorption isotherms. *International Journal of Environmental Health Engineering*. 2016;5(1):25.
- 27- REZAEI A, KAMRANIFAR M, ZABIHOLLAEI S, RAHIMI H, POURZAMANI HR. EVALUATION OF THE EFFICIENCY OF MAGNETIC IRON OXIDE ABSORBENTS IN THE REMOVAL OF NAVY BLUE CE-RN TEXTILE DYES FROM AQUEOUS SOLUTIONS. 2016.[in Persian]
- 28- Dehdashti B, Amin MM, Pourzamani H, Ehrampoush MH, Mokhtari M. Atenolol absorption by multi-wall carbon nanotubes from aqueous solutions. *Journal of Mazandaran University of Medical Sciences*. 2017;26(144):152-70.[in Persian]
- 29- Mahdavi M, Amin MM, Mahvi AH, Pourzamani H, Ebrahimi A. Metals, heavy metals and microorganism removal from spent filter backwash water by hybrid coagulation-UF processes. *Journal of Water Reuse and Desalination*. 2017;jwrd2017148.
- 30- Azadbakht P, Pourzamani H, Petroudy SRJ, Bina B. Removal of nitrate from aqueous solution using nanocrystalline cellulose. *International Journal of Environmental Health Engineering*. 2016;5(1):17.
- 31- Pourzamani H, Ghavi M. Effect of rice bran on the quality of vermicompost produced from food waste. *International Journal of Environmental Health Engineering*. 2016;5(1):13.
- 32- Pourzamani H, Falahati M, Rastegari F, Ebrahim K. Freeze-melting process significantly decrease phthalate ester plasticizers levels in drinking waters stored in polyethylene terephthalate (PET) bottles. *Water Science and Technology: Water Supply*. 2016:ws2016172.
- 33- Amin MM, Mofrad MMG, Pourzamani H, Sebaradar SM, Ebrahim K. Treatment of industrial wastewater contaminated with recalcitrant metal working fluids by the photo-Fenton process as post-treatment for DAF. *Journal of Industrial and Engineering Chemistry*. 2016.
- 34- Moazeni M, Ebrahimi A, Rafiei N, Pourzamani HR. Removal of Lead Ions from Aqueous Solution by Nano Zero-Valent Iron (nZVI). *Health Scope*. 2016(Inpress).

- 35- Afshin Ebrahimi, Mallihe Moazeni, Zahra Esfandiari, Fateme Estaki, Amir Masoud Samani Majd, Maryam Mirlohi, Zohreh Abdi Moghadam, Majid Falahati, Hamidreza Pourzamani* Qualitative Evaluation of Bottled Water Stored in Polyethylene Terephthalate Based on Organic Chemical Compounds. *Anuário do Instituto de Geociências*. 2016;39(2):29-35.
- 36- Pourgheysari H, Pourzamani H, Ebrahimi A, Bonyadinezhad G. Comparison between distilled water and dimethylformamid as solvent to fabricate electrodes coated with single wall carbon nanotubes. *International Journal of Environmental Health Engineering*. 2016;5(1):3.
- 37- Zarean M, Bina B, Ebrahimi A, Pourzamani H, Esteki F. Degradation of di-2-ethylhexyl phthalate in aqueous solution by advanced oxidation process. *International Journal of Environmental Health Engineering*. 2015;4(1):34.
- 38- Hadei M, Aalipour M, Zadeh NM, Pourzamani H.* Removing Ethylbenzene from aqueous solutions by nano magnetic particles. *Archives of Hygiene Sciences*. 2015;5(1).
- 39- Pourzamani H, Samani Majd AM, Fadaei S. Benzene removal by hybrid of nanotubes and magnetic nanoparticle from aqueous solution. *Desalination and Water Treatment*. 2015:1-12.
- 40- Esmaelnejad F, Hajizadeh Y, Pourzamani H, Amin M. Monitoring of benzene, toluene, ethyl benzene, and xylene isomers emission from Shahreza gas stations in 2013. *International Journal of Environmental Health Engineering*. 2015;4(1):17.
- 41- Pourzamani H, Hajizadeh Y, Fadaei S. Efficiency enhancement of multi-walled carbon nanotubes by ozone for benzene removal from aqueous solution. *International Journal of Environmental Health Engineering*. 2015;4(1):29.
- 42- Ebrahimi A, Amin MM, Bina B, Ebrahimi A, Pourzamani H, Hajizadeh Y, et al. Evaluate the effects of organic loading rate from windrow composting leachate on the performance of an anaerobic migrating blanket reactor. *International Journal of Environmental Health Engineering*. 2015;4(1):30.

- 43- Pourzamani H, Majd AMS, Attar HM, Bina B. Natural organic matter degradation using combined process of ultrasonic and hydrogen peroxide treatment. *Anuario do Instituto de Geociencias*. 2015;38(1):63-72.
- 44- Moghadam ZA, Mirlohi M, Pourzamani H, Malekpour A, Amininoor Z, Merasi MR. Exposure assessment of Bisphenol A intake from polymeric baby bottles in formula-fed infants aged less than one year. *Toxicology Reports*. 2015;2:1273-80.
- 45- Pourzamani H, Fadaei S, Amin MM. Release Control of Nanomagnetic Particles in Water and Wastewater Treatment.
- 46- Zare M, Amin MM, Nikaeen M, Bina B, Pourzamani H, Fatehizadeh A, et al. Resazurin reduction assay, a useful tool for assessment of heavy metal toxicity in acidic conditions. *Environmental Monitoring and Assessment*. 2015;187(5):1-11.
- 47- Barzegari Z, Bina B, Pourzamani H, Ebrahimi A. The combined treatment of bisphenol A (BPA) by coagulation/flocculation (C/F) process and UV irradiation in aqueous solutions. *Desalination and Water Treatment*. 2015(ahead-of-print):1-7.
- 48- Hashemi H, Hajizadeh Y, Amin MM, Bina B, Ebrahimi A, Khodabakhshi A, et al. Macropollutants removal from compost leachate using membrane separation process. *Desalination and Water Treatment*. 2015(ahead-of-print):1-6.
- 49- Nourmoradi H, Zabihollahi S, Pourzamani H*. Removal of a common textile dye, navy blue (NB), from aqueous solutions by combined process of coagulation–flocculation followed by adsorption. *Desalination and Water Treatment*. 2015:1-12.
- 50- Razmjoo P, Pourzamani H, Teiri H, Hajizadeh Y. Determination of an empirical formula for organic composition of mature compost produced in Isfahan-Iran composting plant in 2013. *International Journal of Environmental Health Engineering*. 2015;4(1):3.
- 51- Rismanchian M, Garsivaz M, Pourzamani H, Souri S, Maracy M. The effects of vehicle ventilation system, fuel type and in-cabin smoking on the concentration of Toluene and Ethylbenzene in Tundar90 Cars. *Iran Occupational Health*. 2014;11(4):13-25.

- 52- Bina B, Amin MM, Rashidi A, Pourzamani H*. Water and wastewater treatment from BTEX by carbon nanotubes and Nano-Fe. *Water Resources*. 2014;41(6):719-27.
- 53- Amin M, Hashemi H*, Bina B, Ebrahimi A, Pourzamani H, Ebrahimi A. Complementary treatment of leachate using sequencing batch reactor. *International Journal of Health System and Disaster Management*. 2014;2(4):216.
- 54- Amin M, Hashemi H*, Bina B, Ebrahimi A, Pourzamani H, Ebrahimi A. Environmental pollutants removal from composting leachate using anaerobic biological treatment process. *International Journal of Health System and Disaster Management*. 2014;2(3):136.
- 55- Hashemi H, Pourzamani H*, Rahmani Samani B. Comprehensive Planning for Classification and Disposal of Solid Waste at the Industrial Parks regarding Health and Environmental Impacts. *Journal of environmental and public health*. 2014;2014.
- 56- Amin MM, Bina B, Rashidi A, Pourzamani H*. Using of a New Carbon Nano Tube Version in Sheet Shape for Water and Wastewater Treatment. Sumy State University. 2013.
- 57- Amin MM*, Bina B, Majd AMS, Pourzamani H. Survey of Recycled Nano Magnetic Particle in Benzene Removal from Aqueous Solution. Sumy State University. 2013.
- 58- Majd S, Measami H, Gitipour S, Kondori M, Pourzamani H*. Investigation on the solid waste recovery in the industrial unites of Isfahan, Iran. *International Journal of Environmental Health Engineering*. 2013;2(1):34.
- 59- Amin MM, Bina B, Majd AMS, Pourzamani H*. Benzene removal by nano magnetic particles under continuous condition from aqueous solutions. *Frontiers of Environmental Science & Engineering*. 2013:1-12.
- 60- Moghadam Z, Pourzamani H, Malekpour A, Mirlohi M[†], Amininoor Z. "Preliminary estimation of infantile exposure to BPA based on the standard quality of baby bottles distributed in Isfahan urban society". *International Journal of Environmental Health Engineering*. 2013;2(1):23.

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- 61- Mohammadi-Moghadam F, Amin MM, Khiadani M, Momenbeik F, Nourmoradi H, Hatamipour MS*, et al. Application of GlycyrrhizaGlabra Root as a Novel Adsorbent in the Removal of Toluene Vapors: Equilibrium, Kinetic and Thermodynamic Study.
- 62- Nourmoradi H, Nikaeen M, Pourzamani H, Nejad M*. "Comparison of the efficiencies of modified clay with polyethylene glycol and tetradecyl trimethyl ammonium bromide for BTEX removal". International Journal of Environmental Health Engineering. 2013;2(1):7.
- 63- Esmaeili H, Ebrahimi A*, Hajian M, Pourzamani H. "Kinetic and isotherm studies of humic acid adsorption onto iron oxide magnetic nanoparticles in aqueous solutions". International Journal of Environmental Health Engineering. 2012;1(1):33.
- 64- Aliyan T, Daryalal M, Pourzamani H*. "Evaluation of SO₂ level in the ambient air of Khark Island". International Journal of Environmental Health Engineering. 2012;1(1):39.
- 65- Moghadam ZA, Mirlohi M*, Pourzamani H, Malekpour A. "Bisphenol A in" BPA free" baby feeding bottles". Journal of Research in Medical Sciences. 2012;17(11).
- 66- Pourzamani H*, Bina B, Amin MM, Rashidi A. "Monoaromatic Pollutant Removal by Carbon Nanotubes from Aqueous Solution". Advanced Materials Research. 2012;488:934-9.
- 67- Bina B, Mohammadi A, Ebrahimi A, Amin MM, Pourzamani H*. "Survey of Chloroform Concentration in the Water Distribution System of Isfahan, Iran, and Zoning by GIS". Health System Research. 2012;8(2), [In Persian].
- 68- Mohammadi A, Bina B*, Ebrahimi A, Hajizadeh Y, Amin MM, Pourzamani H. "Effectiveness of nanozeolite modified by cationic surfactant in the removal of disinfection by-product precursors from water solution". International Journal of Environmental Health Engineering. 2012;1(1):3.
- 69- Pourzamani H, Bina B, Rashidi A, Amin M*. "Performance of raw and regenerated multi-and single-walled carbon nanotubes in xylene removal from aqueous solutions". International Journal of Environmental Health Engineering, 2012;1(1):4

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- 70- Bina B, Amin MM, Rashidi A, Pourzamani H*. "Using Carbon Nanotubes to Remove Benzene and Toluene from Aqueous Solutions". Health System Research. 2012;7(6), [In Persian].
- 71- Bina B, Amin MM, Rashidi A, Pourzamani H*. "Benzene and toluene removal by carbon nanotubes from aqueous solution". Archives of Environmental Protection. 2012;38(1):3-25.
- 72- Bina B, Pourzamani H, Rashidi A, Amin MM*. "Ethylbenzene Removal by Carbon Nanotubes from Aqueous Solution". Journal of Environmental and Public Health. 2011; 2012.
- 73- BEIROUTI Z, POURZAMANI H*, SAMANI MS, VAHDATPOOR AR, JAFARI MOHAMMAD R. "A REVIEW OF COMPOST QUALITY STANDARDS AND GUIDELINES". Health System Research. 2011;6(4):810-20, [In Persian].
- 74- Fallah M*, Kardan MR, Nabavi SMB, Farrokhian F, Pourzamani H, Sarvi V. "Measuring the Artificial Radionuclide Concentrations in the Water and Sediment Samples of Arvandrood". Health System Research. 2011.
- 75- Samani Majd S., Hashemi H. *, Pourzamani H., Samani Majd A., Mohammadi Moghadam.F., "Managing the Industrial Solid Waste Production in the Industrial Town of Borujen", Especial Issue on Enviromental Health; 2011, [In Persian].
- 76- Pourzamani H., Samani Majd S. *, Beirouti Z., Ghodos H., Tavassolian N., "Reviewing the Industrial and Municipal Wastes Zoning in Isfahan province", Especial Issue on Enviromental Health; 2011, [In Persian].
- 77- SAMANI S, BEIROUTI Z*, POURZAMANI H, KONDORI M, BOROMAND B. ESTIMATING THE RATE OF INDUSTRIAL UNITS ACTIVITY ON RECYCLING IN THE REIGN. Health System Research. 2010;6(983):983-92. [In Persian].
- 78- Mirhosini H. *, Pourzamani H., "Evaluation and Analysis of the Environmental Noise of Arak, Iran", Journal of Applied Sciences, 8(7), 1333-1336, 2008.

* Corresponding Author

- 79- Bina B., Movahedian Attar , H., Pourzamani H., “Effect of COD/N Ratio on nitrification rate in bench- scale biological reactor”, *Hamdard Medicus journal*, 50(3), 49-54, 2007.
- 80- Pourzamani H., ghazavi M., Samani A.M., “Survey of Water Quality for Corrosion in OShtorjan Industry Area (Esfahan)”, Iran, *yafte Journal of Lorestan University of Medical Sciences and Health Services*, 2006, [In Persian].
- 81- Bina B., Movahedian Attar , H., Pourzamani H., “Effect of COD/N Ratio on nitrification rate in wastewater Treatment”, *Journal of Water and Wastewater*, No. 53, page 30-36 [In Persian];
- 82- Bina B., Pourzamani H., “Determination of Internal Corrosion Potential in Baghbahdorán Water Supply System”, Iran, *Health Journal of Sari University of Medical Sciences and Health Services*, No. 3, page 6-10 2004, [In Persian].

Conferences

- 1- Ebrahimi A., Pourzamani H., Naghshine M., Gobadian A., Godarzi B., “use of multi oxidant obtained from NaCl electrolysis for disinfection of Somal wastewater treatment plant effluent in Isfahan”, *The 2th National Congress on Environmental development and civil urban, 1 December, 2012*, Isfahan, Iran, (Oral Presentation).
- 2- Mohamadi A., Bina B., Ebrahimi A., Amin M.M., Pourzamani H., Nemati M.S. “Survey of THM concentration in Isfahan water distribution with use of GIS”, *The 15th National Congress on Environmental Health, 1-3 November, 2012*, Gilan university of medical sciences, Iran, (oral Presentation).
- 3- Ehrampoosh M.H., Amin M.M., Pourzamani H., Ganeian M.T., Pezeshki M., “Toluene removal by surface modified carbon nano tube by calcium hypochlorite from aqueous solution”, *The National Congress on Environmental development and civil urban, 1 December, 2012*, Isfahan, Iran, (Oral Presentation).
- 4- Pourzamani H., Bina B., Amin M.M., Rashidi A. “Monoaromatic pollutant removal by carbon nanotubes from aqueous solution”, *2012 2nd International Conference on Key Engineering Materials, ICKEM 2012*, 2012, Singapore, (Oral Presentation).

- 5- Bina B., Amin M.M., Rashidi A., Pourzamani H. "Benzene and Toluene Removal by Carbon Nano Tubes from Aqueous Solution", The *National Congress on Environmental development and civil urban*, 1 December, 2011, Isfahan, Iran, (Oral Presentation).
- 6- Pourzamani H., Bina B., Amin M.M., Rashidi A. "Ethylbenzene and xylene Removal by Carbon Nano Tubes from Aqueous Solution", The *14th National Congress on Environmental Health*, 1-3 November, 2011, Yazd university of medical sciences, Iran, (Poster Presentation).
- 7- Pourzamani H., Bina B., Movahedian Attar , H., "Ammoniac Biological removal in Extended Aeration Active sludge", The *9th National Congress on Environmental Health*, 7-9 November, 2006, Isfahan university of medical sciences, Iran, (Oral Presentation).
- 8- Pourzamani H., Bina B., Movahedian Attar , H., "Effect of Influent COD/N Ratio on Nitrification Rate in A Bench-scale Biological Reactor", The *8th National Congress on Environmental Health*, 8-10 November, 2005, Tehran university of medical sciences, Iran, (Oral Presentation).
- 9- Pourzamani H., Ghazavi M., samani A.M., "Survey of Water Quality for Corrosion in OShtorjan Industry Area (Esfahan)", The *8th National Congress on Environmental Health*, 8-10 November, 2005, Tehran university of medical sciences, Iran, (Oral Presentation).
- 10- Bina B., Pourzamani H., "Determination of Internal Corrosion Potential in Baghbahdoran Water Supply System", The *7th National Congress on Environmental Health*, 15-17 September, 2004, Shahrekord university of medical sciences, Iran, (Oral Presentation).
- 11- Pourzamani.H, Pishkar.A, Khalili.M, Kavezadeh.M., "Study of the Quality of Bread and Hygienic Condition In Shahrekord Bakeries in 1382", The *7th National Congress on Environmental Health*, 15-17 September, 2004, Shahrekord university of medical sciences, Iran, (Poster Presentation).
- 12- Alin K. T., Pourzamani H., Daryalal M. G., "Survey of Sulfur Dioxide Gas in Air of Khark Island". The *7th National Congress on Environmental Health*, 15-17

September, 2004, Shahrekord University of medical sciences, Iran, (Oral Presentation).

- 13- Alidadi H., Pourzamani H., Mirhosini S.H., “Arsenic removal methods form drinking Water”, *Proceeding of The first National Conference of Environmental Health, 21 May 2001, Isfahan University of Medical Sciences, Isfahan, Iran* (Poster Presentation).

Research Projects (including Industry & University Relationship Projects)

- 1- “Study of Magnetic Field and Carbon Nanotubes Efficiency in BTEX Removal from Aqueous Solutions”, (2010). Research Project No.: 82252, Approving authority: Vice-Chancellor of Research- Isfahan University of Medical Sciences, Isfahan, Iran
- 2- “Study of Leachat Treatment Efficiency By using of iron(3)-oxide-in and Magnetic Column”, (2010). Research Project No.: 82252, Approving authority: Vice-Chancellor of Research- Isfahan University of Medical Sciences, Isfahan, Iran
- 3- “Study of humic acid removal by ultrasonic process from aqueous solution”, (2009). Research Project No.: 82252, Approving authority: Vice-Chancellor of Research- Isfahan University of Medical Sciences, Isfahan, Iran.
- 4- “Survey on Industrials Solid waste in Lorestan Industrial Parks”, (2006), Approving authority: Vice-Chancellor of Research- Lorestan University of Medical Sciences, Lorestan, Iran. A Common Project of Industry & University, Research.
- 5- “Survey of Efficiency on Khoram Abad Wastewater Treatment Plant”, (2006). Research Project, Approving authority: Vice-Chancellor of Research- Lorestan University of Medical Sciences, Lorestan, Iran.
- 6- “Survey of Drinking Water Quality in Kohdasht ”, (2006), Approving authority: Vice-Chancellor of Research- Lorestan University of Medical Sciences, Lorestan, Iran.
- 7- “Survey of Heavy Metals in Khoram Abad Drinking Water Quality”, (2006), Approving authority: Vice-Chancellor of Research- Lorestan University of Medical Sciences, Lorestan, Iran.

- 8- "Survey of Drinking Water Quality in Baghbadoran ", (2003). Research Project No.: 82252, Approving authority: Vice-Chancellor of Research- Isfahan University of Medical Sciences, Isfahan, Iran

Skill Improvements & Workshops

- 1- Workshop on: "Scientific Writing", Isfahan University of Medical Sciences - Education and Development Center- (EDC), 19 January, 2009, Isfahan, Iran.
- 2- Workshop on: "*Endnote and Endnote Web*", Isfahan University of Medical Sciences - Education and Development Center- (EDC), 16-17 December, 2009, Isfahan, Iran.
- 3- Workshop on: "Microsoft Word", Lorestan University of Medical Sciences - Education and Development Center- (EDC), 26 January, 2005, Lorestan, Iran.

Professional Experiences

- 1- Work with GC/MS-MS for analysis.
- 2- Work with GC/MS for analysis.
- 3- Work with Design of Experimental (DOE)
- 4- Editor of "Iranian (Persian) journal of Health System Research", 2010-2011;
- 5- Member of Research Council of Basic Sciences Proposals, Isfahan University of Medical Sciences - Vice Chancellor of Research - Research Expert, 2009-2010;
- 6- Editor of "Iranian (Persian) journal of Isfahan Water & Wastewater", 2009-2010;
- 7- Editor of "Iranian (Persian) Journal of Yafte Health Sciences", 2005-2006;

Lectures:

- 1- Lecture on: "Air pollution Management and its Effects", for Environmental. Health Officers, Isfahan Health & Medical Network Center, *26 September, 2010, Isfahan, Iran.*
- 2- Lecture on: "Operation of Water and Wastewater Treatment Systems", for Peghah Industry Officers, Lorestan Peghah Industry, *19 August, 2006, Lorestan, Iran*
- 3- The regional workshop on "upgrading of Health in field of hospital and Domestic solid wastes management", *6 August, 2006, Lorestan, Iran.*

- 4- The local workshop on “Air pollution Management”, for Isfahan Oil Refinery Officers, 9 May, 2010, Isfahan, Iran.

Thesis Supervision and consultant

- 1- Supervisors in Master Thesis of Mina Rostami on “*Survey of electrocoagulation effectiveness for nitrate removal from aqueous solution*”, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, in progress.
- 2- Supervisors in Master Thesis of Malihe Najafi on “*The relationship between the concentration of benzene, toluene, ethylbenzene and xylene (BTEX) in the saliva of students and BTEX air concentration in Isfahan province 2016* ”, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, in progress.
- 3- Supervisors in Master Thesis of Parisa Motamedi on “*Evaluation of efficacy oxidation process ultrasonic / hydrogen peroxide (H₂O₂) for the removal of Diclofenac, ketoprofen from Aqueous solution*”, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, in progress.
- 4- Supervisors in PhD Thesis of Nezamodin Menghlizade on “*Comparison of evaluation of the electro-Fenton and three-dimensional electro-Fenton system for nonsteroidal anti-inflammatory drugs (Ibuprofen and Naproxen) from aqueous solution*”, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, in progress.
- 5- Supervisors in Master Thesis of Sima Makzom on “*Evaluation of BTEX removal efficiency from aqueous solution by nanocellulose synthesized of hemp fiber*”, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2016.
- 6- Supervisors in Master Thesis of Mohamad Jalil on “*Evaluation of efficacy magnetic Nano Field for the removal of nitrate from aqueous solutions*”, Department of

- Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2016.
- 7- Supervisors in Master Thesis of Mohamad Jalil on “*Performance of indoor plants in the removal of volatile organic compounds from indoor air: a case study on formaldehyde removal by Nephrolepis exaltata and Roebelenii*”, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2016.
 - 8- Supervisors in Master Thesis of Parisa Azadbakht on “*Efficiency of nitrate removal from aqueous solutions using nanocellulose sugar cane bagasse (SCB)*” Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2015.
 - 9- Supervisors in Master Thesis of Tahere Safabakhsh on “*Survey of Bisphenol A Removal from Aqueous Solutions by Magnetic Nano Particles Fe₃O₄ and SiO₂ and Combined of Them*” Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2015.
 - 10- Supervisors in Master Thesis of Pantea Alavi on “*The feasibility of using a mixture of water and air jets to optimize water use .(Case Study: Sugar Manufactory’s Naghsh Jahan of Esfahan*”. Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2015.
 - 11- Supervisors in Master Thesis of Seaid Fadaei on “*Efficiency enhancement of multi-walled carbon nanotubes by Ultrasonic and ozone for benzene removal from aqueous solution*”, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2014.
 - 12- Supervisors in Master Thesis of Solmaz Zabihollahi on “*Removal of a common textile dye, navy blue (NB), from aqueous solutions by combined process of coagulation–flocculation followed by adsorption*”, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2014.
 - 13- Supervisors in Master Thesis of Farhad Esmaeilnejad on “*Monitoring of benzene, toluene, ethyl benzene, and xylene isomers emission from Shahreza gas stations in*

- 2013”, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2013
- 14- Dissertation consultant in Master Thesis of Masome Garsivarz on “*Evaluation of BTX(benzene, toluene ,xylene) concentrations in the Iranian cheap cars and it’s relationship with environmental variable*”, Supervisors: Dr. Masoud Rismanchian, Departments of Occupational Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2012
- 15- Dissertation consultant in Master Thesis of Zohre Abdi Moghadam on “*Risk Assessment of BPA from polymeric Baby bottle in infants less than six months of age*”, Supervisors: Dr. Maryam Mirlohi, Dr. Akbar Malekpor, Department of Food Technology, School of Nutrition and Food Sciences, Isfahan University of Medical Sciences, 2012
- 16- Dissertation consultant in Master Thesis of Hamze Esmaeili on “*Efficiency Evaluation of Humic Acid Removal in Aquatic Solutions by Magnetic Nano-particle*”, Supervisors: Dr. Afshin Ebrahimi, Dr. Mehdi Hajian Nejad, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2012
- 17- Dissertation consultant in Master Thesis of Mohammad Hassan Mahmoodian on: “*Recovering of Spent Filter Backwash Water Using Dissolved Air Flotation (DAF) in Isfahan Water Treatment Plant*”, Supervisors: Dr. Mohammad Reza Shahmansouri, Dr. Mohammad Mehdi Amin, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2005
- 18- Dissertation consultant in Master Thesis of Asghar Ebrahimi Badaf on: “*Removal Efficiency of Linear Alkyl Benzenesulfonic Acids (LAS) in Fixed and Conventional Activated Sludge*”, Supervisors: Dr. Hossein Pourmoghaddas, Dr. Hossein Movahedian, and Dr. Mohammad Mehdi Amin, Department of Environmental Health Engineering, School of Public Health, Isfahan University of Medical Sciences, 2005