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**Rank:** Professor  
**School:** Public Health  
**Department:** Environmental Health Engineering  
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### **EDUCATION:**

**Ph.D :** Environmental Health Engineering,  
Tehran University of Medical Sciences (Iran)  
GPA:17.26(out of 20)  
1996-2002

**M.Sc :** Environmental Health Engineering,  
Tehran University of Medical Sciences (Iran)  
GPA:18.14(out of 20)  
1989-1992

**B.Sc:** Environmental Health Engineering,  
Tehran University of Medical Sciences (Iran)  
GPA:18.62(out of 20)  
1985-1989

### **Position Held**

- *Professor, Department of Environmental Health Engineering, School of Public Health & Institute of Public Health Research, Iran University of Medical Sciences.*
- *Shahrekord University of Medical Sciences, 1992-1994, Faculty Member of University*
- *Zanjan University of Medical Sciences, 1994- 1997, Faculty Member of University*
- *Environmental chemistry and Microbiology laboratory equipment in Shahrekord and Zanjan Universities*
- *Iran University of Medical Sciences, Assistant Professor (1997-2006) &, Associate Professor(2006-2011)*
- *Chairman Department of Environmental Health Engineering, School of Public Health, Iran University of Medical Science, 2006-2010.*
- *Cooperation on starting an MSc course in Environmental Health Engineering*
- *Cooperation on starting a PhD course in Environmental Health Engineering*
- *Cooperation on starting an MPH course in Environmental Health and Urban Health*
- *Tehran University of Medical Sciences, 2011- present as associate Professor*
- *Design Processing Engineer, Farpak Consultant Engineering Company, 1990-1991.*
- *Member of Evaluation Comitty in school of Public Health and university, Iran University of Medical Science from 2003-2010.*
- *Member of water microbial test method standard compilation committee & water Chemical complition Committee, Institute of Standard and Industrial Research of Iran (ISIRI) from 1995-2010.*
- *Chief Manager of Environmental Chemistry and Microbiology Laboratories, Department of Environmental Health Engineering, School of Public Health , Iran University of Medical Sciences, 1999-2009.*
- *Head of Environmental Health Engineering Deprt., from 2004-2009.*
- *Head of Technical subComitte4 (ISIRI/TC147/SCI,SC4) in Institute of Standards & Industrial Research of Iran from 2010.*
- *Member of Technical subComitte6 (ISIRI/TC147/SCI,SC6) in Institute of Standards & Industrial Research of Iran from 2010.*
- *Vice Dean of Culture and Students Affairs, from 2009-2013.*
- *Head of Environmental Health Engineering Department from 2013-2014.*
- *Editorial Board member in:*
  - Journal of Environmental Health Science and Engineering Iranian
  - Journal of Health, Safety & Environment
  - Water and Wastewater Journal

## **EXPERIENCE**

### **TEACHING**

- More than 25 years Teaching in this area: Water, Wastewater, Solid waste, Air pollution in B.Sc and M.Sc degree of Environmental Health Engineering course in Shahrekord, Zanjan and Iran University
- Wastewater treatment Plant design, Industrial wastewater treatment management and English language specialist courses for MSc Students in School of Public health, Environmental Health Eng. Depart., Iran University of medical sciences
- Advanced Environmental Microbiology, Industrial wastewater treatment management and English language specialist courses for PhD Students in School of Public health, Environmental Health Eng. Depart., Iran University of medical sciences
- Supervisor in internship program, thesis and dissertation for MSc and PhD Environmental Health Eng. Students

### **TRAINING COURSE**

- Training Course Of Guidelines, Monitoring And Surveillance Of Recreational Water Environments, WHO, CEHA, Amman, Jordan July 20-23, 2007.
- Chemical Engineering Department, IMRI (Industrial Membrane Research Institute), Ottawa University, Canada, for six months with Professor Matsuura, (Full Professor of Ottawa University, 2002.

### **Honors, Member of society...**

- Third Rank in Public Health Research of Razi Festival (National Research Center of Medical Sciences), 2003.
- Honest Researcher in Iran University of Medical Sciences, 2003.
- Member of Iranian Society for Trace Elements Research (ISTER)
- Member of Iranian Society of Environmentalists (IRSEN)
- Member of Iranian Society of Microbiology
- Member of Iranian Association of Environmental Health (IAEH)
- Section editor of following journals:
  - 1- Journal of Environmental Health, Science and Engineering
  - 2- Iranian journal of Health, Safety and Environment
  - 3- Water and wastewater journal

### **Language Skills**

English: Reading (well),  
Listening (moderate)  
writing (moderate)  
speaking (moderate)

### **Computer knowledge**

- Microsoft Office
- Design Expert
- General aspect of windows

## **PUBLICATIONS**

(In Persian Language)

## BOOKS

1. Gholami M. , Mohammadi H.; **Water and Wastewater Microbiology**, Pub. Hayyan, 1999. (In Persian Language)
2. Sabzali A., Khodadadi A., Gholami M; **Microbiology of wastewater treatment processes; Pub.Payame Khojasteh**, 2005.
3. Gholami M., Torkashvand J., Younesi Sh., Carwash Wastewater(Treatment &Reuse), Pub. IUMS, 2020.

## PAPERS

### Persian

1. Avazpor M., *Gholami M.*, Mohammadi H., Javadi Z.; Assessment of pollution Sources of Water in ILAM Storing Dam; Journal of Ilam University of Medical Sciences, Vol.13, No.3, 2005.
2. Gholami M. Mohammadi H., Mirhossaini H., Ameri A., Javadi Z., Evaluation of Powdered-Activated Carbon Treatment (PACT) Process in textile Dye Removal, Journal of Zanjan University of Medical Sciences Vol.15, No.61, : 59-70, 2008.
3. Gholami M. Mohammadi H., Ameri A., Rahimi M., Application of Reverse Osmosis for removal of Chromium from Electroplating Industrial Sewages, Journal of Kordestan University of Medical Sciences, Vol.13, No.1: 83-91, 2008.
4. Gholami M., Nasser S., Mirzaee R., Shama-Khoramabadi GH, Technology development of membrane filtration for reactive dye removal from textile industrie's effluent, Journal of Lorestan University of Medical Sciences & Health Services Quarterly(Yafteh), Vol.11, No.2, Summer 2009.
5. Ravanipour M., Gholami M., Rashidi j., Ameri A., Assessment of Dashtestan counti's Industrial hazardous waste with environmental point of view by GIS, Iran Occupational Health Quarterly, vol.5, issues 3&4, Fall & Winter 2008-2009.
6. Dalvand A., Gholami M., Joneidi A, Mahmoodi N.M, Investigation of Electrochemical Coagulation Process Efficiency for Removal of Reactive Red 198 from Colored Wastewater, Journal of Color Science and Technology, Vol.3, No.2, Summer 2009.
7. Farzadkia M., Rezaei Kalantary R., Mousavi S.G., J orfi S., Gholami M., Comparison between fixed bed and conventional activated sludge processes in the treatment efficiency of industrial wastewaters containing propylene glycol, Journal of Environmental Technology Quarterly, Vol.11, No.2, Summer 2009.
8. Dehgan A.K., Gholami M., Farzadkia M., Mobedi I., Performance evaluation of Iran University of Medical Sciences hospital wastewater treatment plants, Iran Occupational Health quarterly, Vol.6,No.4,pp.44-54, Winter2009.
9. Farzadkia M., Rezaei Kalantary R., Mousavi S.G., J orfi S., Gholami M., Treatment of Synthetic Wastewater Containing Propylene Glycol by a LabScale Fixed Bed Activated Sludge Reactor, water &wastewater, NO.1, 2010.

10. Mokhtari SA, Gholami M., Shakerkhatibi M., Mirhosseini SH, Influence of the concentration, pH, temperature and pressure parameters on Arsenic removal from drinking water via reverse osmosis process, *Journal of Ardabil University of Medical Sciences*, Vol.10, No.3, 269-261, 2010.
11. Bahmani P., Rezaei Kalantary R., Gholami M., Jonaidi Jafari A., Survey On Efficiency Of Hybrid Fenton Oxidation and Biological Treatment Process in Removal Azo Dye Remazol Black B From Synthetic Wastewater, *Iranian Journal of Health & Environmental*, Vol.3, No.4, pp.389-398, 2010.
12. Gholami, M., Mirzaei R., Mohammadi H., Investigation of hybrid Septic tank and aerated Lagoon process efficiency for Karaj city landfill leachate treatment, *Journal of Zanjan Uni.OF Med. Sci.*, VOL.19, No.74, pp.108-120, spring 2011.
13. Dalvand A., Jonidi jafari A., Gholami, M., Ameri A., Mahmoodi N. M., Treatment of Synthetic Wastewater Containing Reactive Red 198 by Electrocoagulation Process, *Iran. J. Health & Environ.*, Vol. 4, NO. 1, 2011.
14. Gholami M., Sabzali A., Dehghani fard E., Mirzaei R., Motalebi D., Comparative Study of SMBR and Extended Aeration Activated Sludge Processes in the Treatment of Strength Wastewaters, *Iranian Journal of Health & Environmental*, Vol.4, No.3, pp. 255-266, 2012.
15. Gholami M., E. Dehghanifard (MSc), Z. Zarghampour (MSc), R. Mirzaei (MSc), M. Dehghani Nayeri (BSc), Performance of Ultrasonic Process on Removal of Fecal Indicator Bacteria of *Escherichia Coli* and *Enterococcus Faecalis* from Drinking Water, *J Babol Univ Med Sci*; 14 (Suppl 1); pp: 36-41, Winter 2012.
16. Rostami R., Jonidi Jafari A., Rezaee Kalantari R., Gholami M, Esrafil A., Benzene-Toluene-Xylene (BTX) Removal from Polluted Airflow by Combined Filter of Zero Valence Iron and Copper oxide Nanoparticles on Iranian Amended Clinoptilolite Bed, *J Babol Univ Med Sci*; 14(Suppl 1); Winter 2012; pp: 23-29.
17. Gholami H., Gholami M., Gholizadeh A.M, Rastegar A., Use of Orange Peel Ash for removal of Direct Black 22 Dye from aqueous environments, *Journal of North Khorasan University of Medical Sciences*, 4(1):45-55, Spring 2012.
18. Kermani M., Gholami M., Gholizadeh A., Farzadkia M., Esrafil A., Effectiveness of Rice Husk Ash in Removal of Phenolic Compounds from Aqueous Solutions, Equilibrium and Kinetics Studies, *Iran. J. Health & Environ.*, Vol. 5, No. 2, 2012.
19. Rostami R., Jonidi Jafari A., Rezaee Kalantari R., Gholami M., Survey of Modified Clinoptilolite Zeolite and Cooper Oxide Nanoparticles-Containing Modified Clinoptilolite Efficiency for Polluted Air BTX Removal, *Iran. J. Health & Environ.*, Vol. 5, No. 3, pp:1-8., Spring 2012.
20. Badeenezhad A., Gholami M, Jonidi Jafari A., Ameri A., Factors Affecting Nitrate Concentrations in Shiraz Groundwater Using Geographical Information System (GIS), *Toloobhdasht J.*, Vol.11, No.3, Summer 2012.
21. Parastar S., Nasser S., Mahvi A.M., Gholami M., Javadi A.H., Hemmati S., Photocatalytic Reduction of Nitrate in Aqueous Solutions using Ag-doped TiO<sub>2</sub>-UV Process, *Iran. J. Health & Environ.*, Vol. 5, No. 4., 2012.

22. Gholizadeh A., Kermani M., Gholami M., Farzadkia M., Comparative Investigation of 2-Chlorophenol and 4-Chlorophenol Removal Using Granulated Activated Carbon and Rice Husk Ash, *Tolooebhdasht J.*, Vol.11, No.2, Fall 2012.
23. Dehgani S., Jonidi jafari A., Farzadkia M., Gholami M., Investigation of the efficiency of Fenton's advanced oxidation process in sulfadiazine antibiotic removal from aqueous solutions, *Arak Medical University Journal (AMUJ)*; 15(66): 19-29, 2012.
24. Afshari A., Gholami A., Hagh Verdi T., Haj bagheri SH., Prevalence of Head Lice Infestation in the Urban Female Students in Primary Schools of Rabat Karim During the Academic Year of 1387-1388, *Tolooebhdasht J.*, Vol.12, No.2, Summer 2013.
25. Arqiani M., Jonidi Jafari A., Rezaei Kalantary R., M. Gholami M., Study of the Aniline removal from industrial wastewater by Electrochemical process, *Iran Occupational Health quarterly*, Vol.10, No.4, 2013.
26. Rahmani Z., Gholami M., Determination of quality and quantity textile industry wastewater located in the 21 area (zone) and comparison their effluent with environmental protection organization standards in 2009, *Iran Occupational Health quarterly*, Vol.10, No.4, 2013.
27. Hasanpour M., Gholami M., Jonidi Jafari, Farzadkia M., Feasibility Study Of Recycling And Converting Acidic Sludge To Bitumen In Used Motor Oil Refining Industries, *Journal Of Health In The Field*, Vol.1, NO.2, 2013.
28. Hasanpour M., Gholami M., Jonidi Jafari, Farzadkia M., Recycling Acidic Sludge Of Engine Oil Reprocessing Industries By Centrifuge Concentrate , Additives To Polymer Bituminous, *Tolooebhdasht J.* Vol.13, NO.4, 2014.
29. Rahmani Z., Khoshnevis zadeh A., Rezaei kalantari R., Gholami M., Investigate the quality of Buin Zahra drinking water resources using GWQI, *Alborz University Journal*, 2(3), 2013.
30. Rahmani Z., Gholami M., Jonidi-Jafari A., Mahmoodi N.M., Comparison of advanced Photochemical Oxidation Technology (UV/H<sub>2</sub>O<sub>2</sub>) in BV16 and RR120 Dye Removal From Textile Industry : Influence of Operatory Parameter and Kinetic Study, *Tolooebhdasht J.* 12(4), 2014.
31. Shahmoradi M., Gholami M., Mahaee M., Abouee Mehrizi E., Ghorbanpoor R., Investigation into organic matter and nutrient removal in an activated sludge wastewater treatment system: case study of Bojnurd, *Journal of North Khorasan University of Medical Sciences*, 5(Student Research Committee Supplementary), 927-933, 2013.
32. Heidari A., Nabizadeh R., Alimohammadi M., Gholami M., Mahvi AH., A survey on the effect of ultrasonic method on dewatering of bio sludge in wastewater treatment plant, *Quarterly Journal of Sabzevar University of Medical Sciences*, Volume 21, Number 3, July & August 2014.
33. Sadani M., Gholami M., Ghadiri S. K., Shoja E., Abouee Mehrizi E., Investigating the isotherm and kinetics of lead and cadmium absorption from leachate of waste materials by natural sorbents, *J. Health Syst Res* 2013; 9(10): 1-14, 2014.

34. Nasehi-Nia H., Gholami M., Goodarzi M., Ataei- Nazari A., Quality and quantity investigation of Damgan city industrial hazardous waste, *Iran Occupational Health Two-Montly*, 10(5) 81-63, 2014.
35. Azari A., Gholami M., Mokhtari M., Kakavandi B., Ahmadi E., Sattari Tabrizi M.A., Cr<sup>6+</sup>Removal by Activated Carbon Magnetized with NonaZero Valent Iron from Aqueous Solutions: Study of Kinetic, Isotherm and Thermodynamic, *Journal of Health & Development*, Vol. 3, No. 1, Spring 2014.
36. Badee-Nejad A., Farzadkia M, M. Gholami, A. Jonidi Jafari, Chemical quality assessment of Shiraz plain's groundwater as a drinking water resource using Geographical Information System (GIS), *17(3): 358-367*, 2014.
37. Ahmadi E., Gholami M., Farzadkia M., Nabizadeh R., Esrafil A., Azari A., Evaluation of Diethyl phthalate and Diallyl phthalate biodegradation mechanisms in the treatment of synthetic wastewater, *Journal of Health in the Field*, Vol.2, NO.1, PP.10-18, 2014.
38. Azari A., Gholami M., Torkshavand Z., Yari A.R., Ahmadi E., Kakavandi B., Evaluation of Basic Violet 16 Adsorption from Aqueous Solution by Magnetic Zero Valent Iron-activated Carbon Nanocomposite using Response Surface Method: Isotherm and Kinetic Studies, *J Mazandaran Univ Med Sci*, 25(121): 333-347, 2015.
39. Heidari A, Nabizadeh R., Alimohammadi M., Gholami M., Mahvi A.H, Evaluation of changes in extracellular polymeric substances quantity within sludge dewatering using continues ultrasonic-electrocoagulation reactor, *Iran. J. Health & Environ.*, Vol. 8, No. 1, 2015.
40. Torkshavand Z., Gholami M., Faarzadkia M., Esrafil A., Azari A., Response surface methodological approach for optimizing removal of Cu<sup>2+</sup> from aqueous solution using glass beads, *Ardabil Journal of health*, Vol.6, No.1, pp.: 102-114, 2015.
41. Bodaghi S., Gholami M., Farzadkia M., Nabizadeh R., Reliability Performance Assessment of Wastewater Treatment Plants in Assessment of the Reliability Performance of WWTPs in West Azarbaijan, *Water & wastewater Journal*, NO.2, PP: 43-53, 2015.
42. Yeganeh Badi M., Azari A., Esrafil A., Ahmadi E., Gholami M., Performance Evaluation of Magnetized Multiwall Carbon Nanotubes by Iron Oxide Nanoparticles in Removing Fluoride from Aqueous Solution, *J Mazandaran Univ Med Sci*; 25(124): 128-142, 2015.
43. Yeganeh Badi M., Esrafil A., Rezaei Kalantary R., Azari A., Ahmadi E., Gholami M., Removal of Diethyl phthalate from Aqueous Solution Using Persulfate-based (UV/Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>/Fe<sup>2+</sup>) Advance Oxidation Process, *J Mazandaran Univ Med Sci* 25(132): 122-135, 2015.
44. Yegane Badi M., Esrafil A., Rezaei Kalantary R., Azari A., Ahmadi A., Mokhtar A., Efficacy of Persulfate-Based Advanced Oxidation Process based (UV/Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>/Fe<sup>2+</sup>) or Dimethyl Phtalate (DMP) Removal from Aqueous Solutions, *Environmental Health Engineering J*; Vol.2, No.:4. , 2015.
45. Tahmasbizadeh M., Amouei A.I., Golbaz S., Farzadkia M., Kermani M., Gholami M., Asgharnia H.A., Simultaneous Removal of Chemical Oxygen Demand (COD) and Ammonium from Landfill Leachate Using Anaerobic Digesters, *J. Babol Univ Med Sci*; 17(12); Dec 2015.

46. Gholami M., Nazari S., Farzadkia M., Mohseni S.M., Alizadeh Matboo S., Akbari Dourbash F., Hasannejad M., Nano polyamidoamine-G7 dendrimer synthesis and assessment the antibacterial effect in vitro, *Tehran University Medical Journal (TUMJ)*, Vol. 74, No. 1: 25-35, April 2016.
47. Gholami M., Farzadkia M., Zandsalimi Y., Sadeghi Sh., Abouee Mehrizi E., Efficacy of Cr-doped ZnO Nanoparticles in Removal of Reactive Black 5 Dye from Aqueous Solutions in Presence of Solar Radiation, *J Mazandaran Univ Med Sci* 2016; 26(141): 59-69.
48. Gholami M., Nazari S., Farzadkia M., Gharib M., Alizadeh Matboo S., Assessment of nanopolyamidoamine-G7 dendrimer antibacterial effect in aqueous solution, *Tehran University Medical Journal*, June 2016; Vol. 74, No. 3: 159-167.
49. Kermani, M., Aghaei M., Bahrami Asl F., Gholami M., Fallah Jokandan S., Dolati M., Karimzadeh, S., Estimation of cardiovascular death, myocardial infarction and chronic obstructive pulmonary disease (COPD) attributed to SO<sub>2</sub> exposure in six industrialized metropolises of Iran, *Razi Journal of Medical Sciences*, 2016; Vol. 23, No. 145.
50. Torkashvand J., Godini K., Azarian A., Rezaei Kalantary R., Younesi SH., Gholam M.\*, Lead removal from electrolytic aqueous solutions using nanofiltration process equipped with a commercial polyamide membrane, *Pajouhan Scientific Journal*, 2016; Vol 14, No. 3: 30-38.
51. Gholami M., Davoudi M., Naseri S., Mahvi A.H., Farzadkia M., Esrafil Ali, Alidadi H., Optimization of phenolic compounds removal from wastewater in electrochemical oxidation process using catalytic anodes and cellulosic separator, *Journal Of Research In Environmental Health*, Vol.2, Issue 2, Summer 2016.
52. Taghdisi MH, Gholami M, Hosseini F, Rahimi Z. Impact of education on the empowerment of elementary school students to perform source recycling. *Iran J Health Educ Health Promot*. Winter 2016;3(4): 319- 327.
53. Nikzad M, Farzad kia M, Gholami M., A Case Study on Evaluating the Management of Industrial Wastewater in Savojbolagh, Iran from an Environmental Perspective. *Journal of Health Research in Community...*, *Journal of Health Research in Community*, Volume 2, Issue 1, Spring 2016: 1-11.
54. Yegane Badi Mojtaba, Fallah Jokandan Sevda, Rezaei Nia Salimeh, Esrafil Ali, Farzadkia Mehdi, Gholami Mitra, Monitoring Of Para-Hydroxy Benzoic Acid Esters (Antimicrobial And Preservative) In Tehran Wastewater Treatment Plants And Performance Evaluation Of Various Wastewater Treatment Method In The Removal Of These Compounds, *Journal Of Environmental Health Engineering* Summer 2016 , Vol.3 , No. 4: 259 - 269.
55. Kermani, M., Aghaei M., Bahrami Asl F., Gholami M., Bahrami Farshad, Karimzadeh, S., Fallah Jokandan S., Dolati M., Estimation of mortality attributed to PM<sub>2.5</sub> and CO exposure in eight industrialized cities of Iran during 2011, *Iran Occupational Health*, Oct-Nov 2016, Vol. 13, No. 4: 49-61.
56. Shojaeyan S., Gholami M., Jonidi Jafari A., Farzadkia M., Efficiency Evaluation of Chitosan-graphene Oxide Composite in Diethyl Phthalate and Diallyl Phthalate Removal from Synthetic Wastewater: A Kinetic, Isotherm, and Thermodynamic Analysis, *J Mazandaran Univ Med Sci* 2017; 27 (147): 119-129.



57. Sarmadi M., Mortezaeifar S., Kermani M., Gholami, Performance evaluation of wastewater treatment plant system (MBR) of Semnan Industry Park in industrial effluent recovery, *Iran Occupational Health*, Apr-May 2017, Vol. 14, No. 1: 165-175.
58. Gholami M., Nazari SH., Yari A.R., Mohseni S.M., Matboo S.A., Removal of *E. coli* and *S. aureus* from polluted water using electrolysis method with Al-Fe electrodes, *Tehran University Medical Journal*, May 2017; Vol. 75, No. 2: 85-95.
59. Azadbakht F., Esrafil A., Yeganeh Badi M., J., Amiri M., Gholami M., Efficiency of Persulfate-based Advanced Oxidation Process (UV/Na<sub>2</sub>S<sub>2</sub>O<sub>8</sub>) in Removal of Metronidazole from Aqueous Solutions, *J Mazandaran Univ Med Sci* 2017; 27 (154): 108-125.
60. Farzadkia M., Ghorbanian M., Gholami M., Abouee Mehrizi E., Investigation of the Investigation of the Ozonation Process Efficiency in Total Petroleum Hydrocarbons Removal from Produced Waters, *North Khorasan Journal of Medical Sciences*, Autumn 2017, Vol.9, Issue 3: 435-444.
61. Yegane badi M., Fallah Jokandan S., Esrafil A., Yousefzadeh S., Ahmadi E., Azari A., Mokhtari S.A., Rezaei Nia S., Gholami M., Optimization of Advanced Oxidation Process Based on Persulfate (Uv/Na<sub>2</sub>s<sub>2</sub>o<sub>8</sub>/Fe<sup>2+</sup>) for Phthalic Acid Removal from Aqueous Solutions with Response Surface Methodology, *J Babol Univ Med Sci*; Feb 2018, 20(2).
62. Kermani M., Asadzadeh N., Farzadkia M., Gholami m., Using H<sub>2</sub>O<sub>2</sub>-Based Photochemical Oxidation (UV/ H<sub>2</sub>O<sub>2</sub>) in Eliminating Paraquat from Aqueous Solutions, *North Khorasan Journal of Medical Sciences*, Volume 10, Issue 1, Spring 2018.
63. Azadbakht F., Rezaei Kalantari R., Esrafil A., Shojaeyan S., Yeganeh Badi M., Gholami M., Efficiency Assessment of Chitosan Graphene Oxide Composite in Aniline Removal from Aqueous Solutions, *Journal of Environmental Health Engineering*, Feb. 2018; Vol. 6, No. 2: 133-148.
64. Amiri M1, Rezaei Kalantary R2,3, Kermani M4, 5, Yegane Badi M1, Gholami M., **Investigation of chlorpyrifos removal using chitosan graphene oxide composite form aquatic solution: study of kinetics, isotherms and thermodynamics**, *Scientific Journal of Kurdistan University of Medical Sciences* No.100/ Jun-Jul 2019/119-138.
65. Gorgani J., Nabizadeh R., Gholami M., Pasalari H., Yegane Badi Y., Farzadkia M., Asgharnia HA., Zazouli MA., Hospital wastes management in Mazandaran Province with emphasis on genotoxic waste management, *Iran. J. Health & Environ.*, 2019, Vol. 12, No. 3, 350-364.
66. Farzaneh Jajarmi F., Jonidi Jafari A., Kermani M. , Gholami M., Identification of Possible Dust Storm Sources in Tehran (2016-2017): Physical and Chemical Characteristics, *J Arak Uni Med Sci*. 2019; 22(1): 39-50.
- 67.

#### ENGLISH

1. Gholami M. et.al; Dye removal from Effluents of Textile industries by ISO9888 method and membrane technology, *Iranian J. Publ. Health*, Vol.30, No.1-2,73-80, 2001.

2. Gholami M. et.al, Textile dye removal by membrane technology and biological oxidation, *Water Qual. Res. J. Canada*, vol. 38, No.2, 379-391, 2003.
3. Gholami M., Feng C.Y., Matsuura T., Khulbe K.C.; The Effect of temperature on Poly Ether Sulfone(PES) hollow fiber ultra-filtration membrane performance, *Desalination*(2003), 155, pp.293-301, 2003.
4. Gholami M., Mokhtari M.A., Ameri A., Alizadeh Fard M.R., Application of reverse osmosis technology for arsenic removal from drinking water, *Desalination*, 200, pp.725-7271, 2006.
5. Sabzali A., *Gholami M.*; Chemical denitrification of nitrate from ground water via sulfamic acid and zinc metal, *Iranian Journal of Environmental Health Science & Engineering*, Vol.3, No. 3, 2006.
6. Zazouli M.A., Nasser S., Mahvi A.H., Mesdaghinia A.R., *Gholami M.*, Study of Natural Organic Matter Fractions in water Sources of Tehran; *Pakistan Journal of Biological Sciences*, Vol.10, No.10, pp.1718-1722, 2007.
7. Zazouli M.A., Nasser S., Mahvi A.H., Mesdaghinia A.R., *Gholami M.*, Determination of hydrophobic and hydrophilic fractions of natural organic matter in raw water of Jalalieh and Tehranspars water treatment plants (Tehran), *J. Applied Sci.*, Vol.7, No.18: 2651-2655, 2007.
8. Hassani A.H., Mirzaei R., Nasser S., Borghei M., Gholami M., Torabifar B., Nanofiltration process on dye removal from simulated textile wastewater, *Int. J. Environ. Sci. Tech.*, Vol.5, No.3, 401-408, 2008.
9. Zazouli M.A., Nasser S., Mahvi A.H., *Gholami M.*, Mesdaghinia A.R., Studies on Rejection and fouling of Polymide Reverse Osmosis Membrane in the treatment of water Solutions containing Humic Acids, *World Applied Sciences Journal*, Vol.3, NO.3: 434-440, 2008.
10. Zazouli M.A., Nasser S., Mahvi A.H., Gholami M., Mesdaghinia A.R, Yunesian M., Retention of humic acid from water by nanofiltration membrane and influence of solution chemistry on membrane performance, *Iranian Journal of Environmental Health Science and Engineering*, Vol.5, No. 1, 2008.
11. Sabzali, Gholami M., Sadati M.A, Enhancement of Benzen biodegradation by variation of culture medium constituents, *African Journal of Microbiology Research*, Vol.3(2) pp.77-81, 2009.
12. Mohammadi H., Gholami M., Rahimi M., Application and optimization in chromium-contaminated wastewater treatment of the reverse osmosis technology, *Desalination and Water Treatment* (2009), Vol.9, 229–233.
13. Farzadkia M., Rezaei Kalantary R., Mousavi S.G., Jorfi S., and Gholami M., The effect of Organic Loading on Propylene Glycol Removal using Fixed Bed Activated Sludge Hybrid Reactor, *Chemical and Biochemical Engineering Quarterly (CABEQ)*, Vol.24, No.2, 227-234, 2010.
14. Dalvand A. , Gholami M., Joneidi A, Mahmoodi N.M, Dye removal, energy consumption and operating cost of electrocoagulation of textile wastewater as a clean process, *Clean – Soil, Air, Water* 2011, 39 (7), 665–672.

15. Mohammadi H., Sabzali A., Gholami M., Dehghanifard, E, Mirzaye R., Comparative study of SMBR and extended aeration activated sludge processes in the treatment of high-strength wastewaters, *Desalination*, 287 (2012) 109–115.
16. Gholami M., Mirzaei R., Rezaei Kalantary R., Sabzali A., Gatei F., Performance evaluation of reverse osmosis technology for selected antibiotics removal from synthetic pharmaceutical wastewater, *Iranian Journal of Environmental Health Science & Engineering (IJEHSE)*, Vol.9, No.19(2012).
17. Farzadkia M., Gholami M., Kermani M. And Yaghmaeian K., Biosorption of Hexavalent Chromium from Aqueous Solutions by Chemically Modified Brown Algae of *Sargassum* sp. and Dried Activated Sludge, *Asian Journal of Chemistry*, Vol. 24, No. 11 (2012), 5257-5263.
18. Rahmani Z., Kermani M., Gholami M., Jonidi Jafari A. and Mahmoodi N.M., Effectiveness of photochemical and sonochemical processes in degradation of Basic Violet 16 (BV16) dye from aqueous solutions, *Iranian Journal of Environmental Health Sciences & Engineering* 2012, 9:14.
19. Gholizadeh A., Kermani M. Gholami M., Farzadkia M. And Yaghmaeian K., Removal Efficiency, Adsorption Kinetics and Isotherms of Phenolic Compounds from Aqueous Solution Using Rice Bran Ash, *Asian Journal of Chemistry*; Vol. 25, No. 7 (2013), 3871-3878.
20. Nassehnia H.R., Gholami M., Jonidi Jafari A., Esrafilly A., Nano Photocatalytic Process Application of ZnO Nanoparticle and UV on Benzene Removal from Synthetic Air, *Asian Journal of Chemistry*; Vol. 25, No. 6 (2013), 3427-3430.
21. Dehghani S., Jonidi- Jafari A., Farzadkia M., Gholami M., Sulfonamide antibiotic reduction in aquatic environment by application of fenton oxidation process, *Iranian Journal of Environmental Health Science & Engineering* 2013, 10:29.
22. Sobhi H.R., Esrafilly A., Farahani H., Gholami M. & Baneshi M.M., Simultaneous derivatization and extraction of nitrophenols in soil and rain samples using modified hollow-fiber liquid-phase microextraction followed by gas chromatography–mass spectrometry, *Environ Monit Assess* (2013) 185:9055–9065.
23. Bahmani P., Rezaei Kalantary R., Esrafilly A., Gholami M., Jonidi Jafari A., Evaluation of Fenton oxidation process coupled with biological treatment for the removal of reactive black 5 from aqueous solution, *Journal of Environmental Health Sciences & Engineering* 2013, 11:13.
24. Gholizadeh A., Kermani M., Gholami M., Farzadkia M., Kinetic and Isotherm Studies of Adsorption and Biosorption Processes in the Removal of Phenolic Compounds from Aqueous Solutions: Comparative Study, *Journal of Environmental Health, Science and Engineering*, *Journal of Environmental Health Sciences & Engineering* 2013, 11:29.
25. Parastar, S., Nasser, S., Borji, S.H., Fazlzadeh, M., Mahvi, A.H., Javadi, A.H., Gholami, M., Application of Ag-doped TiO<sub>2</sub> nanoparticle prepared by photodeposition method for nitrate photocatalytic removal from aqueous solutions, (2013) *Desalination and Water Treatment* 51 (37-39) PP. 7137 - 7144, doi: 10.1080/19443994.2013.771288.

26. Gholami, M., Mirzaei R., Mohammadi R., Zarghampour Z., Afshari A., Destruction of *Escheichia. coli* and Entrococcus Fecalis using Low Frequency Ultrasound technology: A Response Surface Methodology, Journal of Health Scope, 2014 Winter; 2(4): e14213.
27. Gholami M., Nassehinia H., Jonidi- Jafari A., Nasserri S., Esrafil A, Comparison of Benzene & Toluene removal from synthetic polluted air with use of Nanophotocatalytic TiO<sub>2</sub>/ZnO process, Journal of Environmental Health Science & Engineering, Vol:12, No:45, 2014.
28. Rahmani H., Gholami, Mahvi A.H., Alimohammadi M., Azarian G., Esrafil A., Rahmani K., Farzadkia M., Tinidazol Removal from Aqueous Solution by Sonolysis in the Presence of H<sub>2</sub>O<sub>2</sub>, Bulletin of Environmental Contamination and Toxicology, Bull Environ Contam Toxicol (2014) 92:341–346, DOI 10.1007/s00128-013-1193-2.
29. Rostami R., Jonidi Jafari A., Rezaei Kalantari R., Gholami M., Influence of pollution loading and flow rate on catalytic BTEX removal with a combined Cu<sub>2</sub>O, Fe<sup>0</sup>, /Zeolite bed, Iranian Journal of Health, Safety & Environment, 2014, Vol. 1, No. 1, pp.9-15.
30. Farzadkia M., Dadban Shahamat Y., Nasserri S., Mahvi A.H., Gholami M. and Shahryari A., Catalytic Ozonation of Phenolic Wastewater: Identification and Toxicity of Intermediates, Journal of Engineering, Vol. 2014 (2014), Article ID 520929, 10 pages. <http://dx.doi.org/10.1155/2014/520929>
31. Dadban Y., Farzadkia M., Jonidi Jafari A., Nasserri S., Mahvi A.H., Gholami M., Esrafil A., Magnetic heterogeneous catalytic ozonation: A new removal method for phenol in industrial wastewater, Journal of Environmental Health & Science Engineering, 2014, 12:50 doi:10.1186/2052-336X-12-50.
32. Ahmad Jonidi Jafari, Malek Hassanpour, Mitra Gholami, Mehdi Farzadkia, A novel method for recovery of acidic sludge of used-motor oil reprocessing industries to bitumen using bentonite and SBS, Iranian Journal of Health, Safety & Environment, 2014, Vol. 1, No. 2, pp. 59-66.
33. Torkshavand Z., Gholami M., Farzadkia M., Esrafil A., Adsorption of Cu<sup>2+</sup> from aqueous solution onto modified glass beads with 3-Aminopropyltriethoxysilane, Iranian Journal of Health, Safety & Environment, 2014, Vol.1, No.3, pp.101-110.
34. Davoudi M., Gholami M., Naseri S., Mahvi A.H., Farzadkia M., Esrafil A., Alidadi H., Application of electrochemical reactor divided by cellulosic membrane for optimized simultaneous removal of phenols, chromium, and ammonia from tannery effluents, Toxicological & Environmental Chemistry, 2014, Vol. 96, No. 9, 1310\_1332.
35. Farzadkia M., Rahmani K., Gholami M., Esrafil A., Rahmani A., and Rahmani H., Investigation of photocatalytic dehradation of Clindamycin antibiotic by using nano ZnO Catalyst, The Korean Journal of Chemical Engineering, Volume 31(2014), 11, pp 2014-2019.
36. Jafarzadeh Ghehi T, Mortezaeifar S, Gholami M, Rezaei Kalantary R and Mahvi AH, Performance Evaluation of Enhanced SBR IN Simultaneous REMOVAL OF Nitrogen and Phosphorous, Journal of Environmental Health Science and Engineering, 2014, 12:134 (13 November 2014).
37. Rahmani H., Gholami M., Mahvi A. H., Ali\_Mohammadi M., and Rahmani K., Tinidazol Antibiotic Degradation in Aqueous Solution by ZeroValent Iron Nanoparticles and Hydrogen Peroxide in the Presence of Ultrasound Radiation, Journal of Water Chemistry and Technology, 2014, Vol. 36, No. 6, pp. 317–324.

38. Rahmani K., Mohammad Ali Faramarzi, Amir Hossain Mahvi, Mitra Gholami, Ali Esrafil, Hamid Forootanfar, Mahdi Farzadkia, Elimination and detoxification of sulfathiazole and sulfamethoxazole assisted by laccase immobilized on porous silica beads, *International Biodeterioration & Biodegradation* 97 (2015) 107-114.
39. Ahmadi E., Gholami M., Farzadkia M., Nabizadeh R., Azari A., Study of moving bed biofilm reactor in diethyl phthalate and diallyl phthalate removal from synthetic wastewater, *Bioresource Technology* 183 (2015) 129–135.
40. Naeimi-Joubani M., Shirzad-Siboni M., Yang J.K., Mitra Gholami, Mahdi Farzadkia, Photocatalytic Reduction of Hexavalent Chromium with Illuminated ZnO/TiO<sub>2</sub> Composite, *Journal of Industrial and Engineering Chemistry, Journal of Industrial and Engineering Chemistry* 22 (2015) 317–323.
41. Azari A., Kakavandi B., Rezaei Kalantary R, Ahmadi E., Gholami M.\*, Torkshavand Z., Azizi M., Rapid and efficient magnetically removal of heavy metals by magnetite-activated carbon composite: A statistical design approach", *J Porous Mater* (2015) 22:1083–1096.
42. Gholizadeh1 A., Gholami M., Davoudi R, Rastegar A. , Miri M., Efficiency and kinetic modeling of removal of nutrients and organic matter from a full-scale constructed wetland in Qasre-Shirin, Iran, *Environmental Health Engineering and Management Journal* 2015, 2(3), 107–116.
43. Gholizadeh A., Gholami M., Ebrahimi A.A., Miri M., Nikoonahad A., Performance Evaluation of Combined Process of Powdered Activated Carbon-Activated Sludge (PACT) in Textile Dye Removal, *Journal of Environmental Health & sustainable Development, JEHS*, Vol (1), Issue (3), December 2016, 141-52.
44. Gholami M., Rahmani K., Rahmani A., Rahmani H., Esrafil A., Oxidative degradation of clindamycin in aqueous solution using nanoscale zero-valent iron/H<sub>2</sub>O<sub>2</sub>/US, *Desalination and Water Treatment*, 57 (2016) 13878–13886.
45. Gholami M., Shirzad-Siboni M., Yang J.K., Application of Ni-doped ZnO rods for the degradation of an Azo dye from aqueous solutions, *Korean Journal of Chemical Engineering*, ( March 2016), Volume 33, Issue 3, pp 812-822.
46. Jonidi Jafari A., Dehghanifard E., Rezaei Kalantary R., Gholami M., Esrafil A., Yari A.R, Baneshi M.M, Photocatalytic degradation of aniline in aqueous solution using no nanoparticles, *Environmental Engineering and Management Journal*, (January 2016), Vol.15, No. 1, 53-60.
47. Gholami M., Shirzad-Siboni M., Farzadkia M. & Yang Jae-Kyu, Synthesis, characterization, and application of ZnO/TiO nanocomposite for photocatalysis of an herbicide (Bentazon), *Desalination and Water Treatment* (2016), 57:29,13632-13644.
48. Farzadkia M., Gholami M., Abouee E., Asadgol Z., Sadeghi S., Arfaeinia H., Noradini M., The Impact of Exited Pollutants of Cement Plant on the Soil and Leaves of Trees Species: A Case Study in Golestan Province, *Open Journal of Ecology* (2016), 6, 404-411.
49. Norouzian Baghani A., Mahvi A.H., Gholami M., Rastkari N., Delikhoon M., One-Pot synthesis, characterization and adsorption studies of amine-functionalized magnetite nanoparticles for removal of Cr

(VI) and Ni (II) ions from aqueous solution: kinetic, isotherm and thermodynamic studies, *Journal of Environmental Health Science & Engineering* (2016) 14:11.

50. Mokhtari A., Farzadkia M., Esrafil A., Rezaei Kalantari R., Jonidi Jafari A., Kermani M., Gholami M., Bisphenol A Removal from aqueous solutions using novel UV/persulfate/H<sub>2</sub>O<sub>2</sub>/Cu system: Optimization and modelling with central composite design and response surface methodology, *Journal of Environmental Health Science & Engineering*, 14:19, 2016.

51. Mokhtari A., Farzadkia M., Esrafil A., Rezaei Kalantari R., Gholami M., Application of dispersive liquid-liquid microextraction as a simple assisted clean-up and preconcentration technique for GC/MS determination of selected PAHs extracted from sewage sludge by Soxhlet and ultrasound assisted extraction method, *Desalination and Water Treatment*, 66 (2017) 176–183.

52. Ahmadi E., Yousefzadeh S., Ansari M., Ghaffari H.R., Azari A., Miri M., Mesdaghinia A.L., Nabizadeh R., Kakavandi B., Ahmadi P., Yegane Badi M., Gholami M., et al., Performance, kinetic, and biodegradation pathway evaluation of anaerobic fixed film fixed bed reactor in removing phthalic acid esters from wastewater, *Scientific Reports* (2017), 7:41020, DOI: 10.1038/srep41020.

53. Yousefzadeh S., Ahmadi E., Gholami M., Ghaffari H.R., Azari A., Ansari M., Miri M., Sharafi K., Rezaei S., comparative study of anaerobic fixed film baffled reactor and up-flow anaerobic fixed film reactor for biological removal of diethyl phthalate from wastewater; a performance, kinetic, biogas, and metabolic pathway study, *Biotechnology for Biofuels*, (2017) 10:139.

54. Gholami M., Mohammadi R., Arzanlou M., Akbari Dourbash F., Kouhsari E., Majidi G., Mohseni S.M. and Nazari S., In vitro antibacterial activity of poly (amidoamine)-G7 dendrimer, *BMC Infectious Diseases* (2017) 17:395.

55. Mirzaei R., Yunesian M., Nasseri S., Gholami M., Jalilzadeh E., Shoeibi S., Mesdaghinia A., An optimized SPE-LC-MS/MS method for antibiotics residue analysis in ground, surface and treated water samples by response surface methodology- central composite design, *Journal of Environmental Health Science & Engineering* (2017) 15:21.

56. Jonidi-Jafari A., Gholami M., Farzadkia M., Esrafil A., Shirzad-Siboni M., Application of Ni-doped ZnO nanorods for degradation of diazinon: Kinetics and by-products, *Separation Science And Technology* (2017), VOL. 52, NO. 15, 2395–2406.

57. Moradi M., Rezaei Kalantary R., Esrafil A., Jonidi Jafari A., Gholami M., Visible light photocatalytic inactivation of *Escherichia coli* by natural pyrite assisted by oxalate at neutral pH, *Journal of Molecular Liquids* 248 (2017) 880–889.

58. Salimi M., Esrafil A., Gholami M., Jonidi Jafari A., Rezaei Kalantary R., Farzadkia M., Kermani M., Sobhi H.R., Contaminants of emerging concern: a review of new approach in AOP technologies, *Environ Monit Assess* (2017) 189:414.

59. Shirzad-Siboni M., Jonidi-Jafari A., Farzadkia M., Esrafil A., Gholami M., Enhancement of photocatalytic activity of Cu-doped ZnO nanorods for the degradation of an insecticide: Kinetics and reaction pathways, *Journal of environmental management* Volume 186, Part 1, 15 January 2017, Pages 1–11.

60. Mirzaei R., Yunesian M., Nasser S., Gholami M., Jalilzadeh E., Shoeibi S., Mesdaghinia A., Occurrence and fate of most prescribed antibiotics in different water environments of Tehran, Iran, *Science of the Total Environment* 619–620 (2018) 446–459.
61. Gholami M., Davoudi M., Farzadkia M., Esrafil A., Dolati A., Electrochemical degradation of antibiotic Clindamycin by anodic oxidation on SnO<sub>2</sub>-Sb coated titanium anodes, *Environmental Engineering and Management Journal* (2018) Vol.17, No. 2, 343-355.
62. Hosseini M., Esrafil A., Yegane badi M., Gholami M., New magnetic/Biosilica/Sodium Alginate Composites for removal of Pb (II) ions from aqueous solutions: kinetic and isotherm studies, *J Adv. Environ Health Res* (2018) 6:160-172.
63. Pasalari H., Farzadkia M., Gholami M. Emamjomeh M.M., Management of landfill leachate in Iran: valorization, characteristics, and environmental approaches, *Environmental Chemistry Letters*, 2018, <https://doi.org/10.1007/s10311-018-0804-x>.
64. Rezaeinia S., Nasser S., Binesh M., Ghalambor Dezfuli F., Abdolkhani S., Gholami M.\*, Jaafarzadeh N., Qualitative and health-related evaluation of point-of-use water treatment equipment performance in three cities of Iran, *Journal of Environmental Health Science and Engineering*, (2018), <https://doi.org/10.1007/s40201-018-0315-5>.
65. Nazari S., Gholami M., Farzadkia M., Akbari Dourbash F., Arzanlou M., Rezaei Kalantary R., Synthesis and evaluation of the antibacterial effect of silica-coated modified magnetic poly-(amidoamine) G5 nanoparticles on E. coli and S. aureus, *Journal of Molecular Liquids* 276 (2019) 93–104.
66. Rezaenia S., Nasser S., Farzadkia M., Esrafil A., Gholami M., Performance evaluation of point of use water treatment system in health risk reduction of trace metals in drinking water, *Desalination and Water Treatment* (2019) 1–8, doi:10.5004/dwt.2019.23434.
67. Babaei Lashkaryani E., Kakavandi B., Rezaei Kalantary R., Jonidi Jafari, Gholami M., Activation of peroxymonosulfate into amoxicillin degradation using cobalt ferrite nanoparticles anchored on graphene (CoFe<sub>2</sub>O<sub>4</sub>@Gr), *Toxin Reviews* (2019), <https://doi.org/10.1080/15569543.2019.1582066>.
68. Mohammadi F., Esrafilia A., Kermani M., Farzadkia M., Gholami M., Behbahani M., Application of amino modified mesostructured cellular foam as an efficient mesoporous sorbent for dispersive solid-phase extraction of atrazine from environmental water samples, *Microchemical Journal*, 146 (2019) 753–762.
69. Rezaei Kalantary R., Moradi M., \*, Pirsahab M., Esrafil A., Jonidi Jafari A., Gholami M., Vasseghian Y., Antolini E., Dragoi E.N, Enhanced photocatalytic inactivation of E. coli by natural pyrite in presence of citrate and EDTA as effective chelating agents: Experimental evaluation and kinetic and ANN models, *Journal of Environmental Chemical Engineering* 7 (2019) 102906.
70. Salimi M., Behbahani M., Sobhi H.R., Gholami M., Jonidi Jafari A., Rezaei Kalantary R., Farzadkiaab M., Esrafil A., A new nano-photocatalyst based on Pt and Bi co-doped TiO<sub>2</sub> for efficient visible-light photo degradation of amoxicillin, *New J. Chem.* (2019), 43, 1562.
71. Taghizadeh F., Jonidi Jafari A., Gholami M., Kermani M., Arfaeinia H., Mohammadi S., Dowlati M., Shahsavani A., Monitoring of airborne asbestos fibers in an urban ambient air of Shahryar City, Iran: levels, spatial distribution, seasonal variations, and health risk assessment, *Environmental Science and Pollution Research*(2019), <https://doi.org/10.1007/s11356-018-4029-0>.

72. Tahergorabia M., Esrafil A., Kermani M., Gholami M., Farzadkia M., Degradation of four antibiotics from aqueous solution by ozonation: intermediates identification and reaction pathways, *Desalination and Water Treatment* 139 (2019) 277–287.
73. Yegane Badi M., Esrafil A., Pasalari H., Rezaei Kalantary R., Ahmadi E., Gholami M., Azari A., Degradation of dimethyl phthalate using persulfate activated by UV and ferrous ions: optimizing operational parameters mechanism and pathway, *Journal of Environmental Health Science and Engineering* (2019), <https://doi.org/10.1007/s40201-019-00384-9>.
74. Asgharzadeha F., Gholami M., Jonidi A., Kermani M., Asgharnia H., Rezaeikalantary R., Study of tetracycline and metronidazole adsorption on biochar prepared from rice bran kinetics, isotherms and mechanisms, *Desalination and Water Treatment*, 159 (2019) 390–401.
75. Salimi M., Esrafil A., Jonidi Jafari A., Gholami M., obhi H.R., Nourbakhshd M., Akbari-Aderganie B., Photocatalytic degradation of cefixime with MIL-125(Ti)-mixed linker decorated by g-C<sub>3</sub>N<sub>4</sub> under solar driven light irradiation, *Colloids and Surfaces A* 582 (2019) 123874.
76. Jonoidi Jafari A., Kermani M., Hosseini-Bandegharaei A., Rastegar A., Gholami Alahabadi A., Farzi G., Synthesis and characterization of Ag/TiO<sub>2</sub>/composite aerogel for enhanced adsorption and photo-catalytic degradation of toluene from the gas phase, *Chemical Engineering Research and Design* 150 (2019) 1–13.
77. Kermani M., Jonidi Jafari A. Gholami M., Taghizadeh F., Arfaeinia H., Ambient air PM<sub>2.5</sub>-bound PAHs in low traffic, high traffic, and industrial areas along Tehran, Iran, *Human and Ecological Risk Assessment: An International Journal*, (2019),<https://doi.org/10.1080/10807039.2019.1695194>.
78. Asadgol Z, Mohammadi H., Kermani M., Badirzadeh A.R., Gholami M., The effect of climate change on cholera disease: The road ahead using artificial neural network, *PLoS ONE* 14(11): e0224813(2019), <https://doi.org/10.1371/journal.pone.0224813>.
79. Farzadkia M., Esrafil A., Gholami M., Koolivand A., Effect of immature and mature compost addition on petroleum contaminated soils composting: kinetics, *Journal of Environmental Health Science and Engineering*, (2019), <https://doi.org/10.1007/s40201-019-00400-y>.
80. Gorgani J, Nabizadeh R, Gholami M, Pasalari H, Yegane Badi M, Farzadkia M, et al. Hospital wastes management in Mazandaran Province with emphasis on genotoxic waste management, *Iranian Journal of Health and Environment* (2019);12(3):351-64.
81. Jajarmi F., Jonidi Jafari A., Kermani M., et al., Identification of Possible Dust Storm Sources in Tehran (2016-2017): Physical and Chemical Characteristics. *J Arak Uni Med Sci.* (2019); 22(1): 39-50.
82. Farzadkia M., Esrafil A., Gholami M., Koolivand A., Effect of immature and mature compost addition on petrol eumcontaminated soils composting: kinetics, *Journal of Environmental Health Science and Engineering* (2019), <https://doi.org/10.1007/s40201-019-00400-y>
83. Tahergorabia M., Esrafil A., Kermani M., Gholami M., Farzadkia M., The synergistic effects of catalytic and photocatalytic ozonation on four sulfonamides antibiotics degradation in an aquatic solution, *Desalination and Water Treatment*, 182 (2020) 260–276.



84. Asgharzadeha F., Gholami M., Jonidi A., Kermani M., Asgharnia H., Rezaeikalantary R., Heterogeneous photocatalytic degradation of metronidazole from aqueous solutions using Fe<sub>3</sub>O<sub>4</sub>/TiO<sub>2</sub> supported on biochar, *Desalination and Water Treatment*, 175 (2020) 304–315.
85. Ghodsi S., Esrafil A., Rezaei Kalantary R., Gholam M., Sobhi H.R., Synthesis and evaluation of the performance of g-C<sub>3</sub>N<sub>4</sub>/Fe<sub>3</sub>O<sub>4</sub>/Ag photocatalyst for the efficient removal of diazinon: Kinetic studies, *Journal of Photochemistry & Photobiology A: Chemistry* 389 (2020) 112279.
86. Hosseini M., Esrafil A., Farzadkia M., Kermani M., Gholami M., Degradation of ciprofloxacin antibiotic using photo-electrocatalyst process of Ni-doped ZnO deposited by RF sputtering on FTO as an anode electrode from aquatic environments: Synthesis, kinetics, and ecotoxicity study, *Microchemical Journal* 154 (2020) 104663.
87. Hosseini M., Esrafil A., Farzadkia M., Kermani M., Gholami M., Application of Ni-doped ZnO deposited by RF magnetron sputtering technique on FTO as a photoanod in Photo-Electrocatalysis process of Ofloxacin degradation: synthesis, kinetics, and ecotoxicity study, *International Journal Of Environmental Analytical Chemistry*, (2020), <https://doi.org/10.1080/03067319.2020.1737038>.
88. Gholami M., Rasoulzadeh H., Ahmadi T., Hosseini M., Synthesis, characterization of Nickel doped Zinc oxide by radiofrequency sputtering and application in photo-electrocatalysis degradation of Norfloxacin, *Materials Letters* 269 (2020) 127647.
89. Noroozi R., Gholami M., Farzadkia M., Jonidi Jafari A., Degradation of ciprofloxacin by CuFe<sub>2</sub>O<sub>4</sub>/GO activated PMS process in aqueous solution: performance, mechanism and degradation pathway, *International Journal of Environmental Analytical Chemistry*, (2020), DOI: 10.1080/03067319.2020.1718669.
90. Dastpak H., Pasalari H., Jonidi Jafari A., Gholami M., Farzadkia M., Improvement of Co-Composting by a combined pretreatment Ozonation/Ultrasonic process in stabilization of raw activated sludge, *Scientific Reports*, (2020) 10:1070, <https://doi.org/10.1038/s41598-020-58054-y>.
91. Salimi M., Esrafil A., Jonidi Jafari A., Gholami M., Sobhi H.R., Application of MIL-53(Fe)/urchin-like g-C<sub>3</sub>N<sub>4</sub> nanocomposite for efficient degradation of cefixime, *Inorganic Chemistry Communications* 111 (2020) 107565.
92. Akbari H., Gholami M., Akbari H., Adibzadeh A., Taghavi L., Hayati B., Nazari S., Poly (amidoamine) generation 6 functionalized Fe<sub>3</sub>O<sub>4</sub>@Si<sub>3</sub>O<sub>2</sub>/GPTMS core-shell magnetic NPs as a new adsorbent for Arsenite adsorption: kinetic, isotherm and thermodynamic studies, *Journal of Environmental Health Science and Engineering*, <https://doi.org/10.1007/s40201-020-00461-4>.
93. Asadgol Z., Badirzadeh A., Niazi S., Mokhayeri Y., Kermani M., Mohammadi H., Gholami M., How climate change can affect cholera incidence and prevalence? A systematic review, *Environmental Science and Pollution Research*, (2020), <https://doi.org/10.1007/s11356-020-09992-7>.
94. Masroor K., Kermani M., Gholami M., Fanaei F., Arfaenia H., Nemati S., Tahmasbizadeh M., Development and implementation of water safety plans for groundwater resources in the southernmost city of West Azerbaijan Province, Iran, (2020), *Journal of Environmental Health Science and Engineering*, <https://doi.org/10.1007/s40201-020-00488-7>.

95. Kermani M, Jafari AJ, Gholami M, Fanaei F, Arfaeiniae H. Association between meteorological parameter and PM2.5 concentrations in Karaj, Iran. *Int J Env Health Eng* 2020; 9:4.
96. Kermani M, Jonidi Jafari A, Gholami M, Farzadkia M, Arfaeinia H, Shahsavani A, Norouzian N., Dowlati M., Fanaei F., Investigation of relationship between particulate matter (PM2.5) and meteorological parameters in Isfahan, Iran. *Journal of Air Pollution and Health*. 2020; 5(2):97-106.
97. Asadgol Z., Emamjomeh M.M., Esrafilly A., Gholami M., Farzadkia M., Sludge stabilization using ozonation: a pre-treatment method for composting waste activated sludge, *Desalination and Water Treatment*, doi:10.5004/dwt.2020.24936, 178 (2020) 163–171.
98. Jonidi-Jafari A., Farzadkia M., Gholami M., Mohagheghi M., The efficiency of removing metronidazole and ciprofloxacin antibiotics as pharmaceutical wastes during the process of composting (2020), *International Journal of Environmental Analytical Chemistry*, DOI: 10.1080/03067319.2020.1781838.
99. Maleki R., Asadgol Z., Kermani M., Jonidi Jafari A., Arfaeinia H., Gholami M., Monitoring BTEX compounds and asbestos fibers in the ambient air of Tehran, Iran: Seasonal variations, spatial distribution, potential sources, and risk assessment, *International Journal Of Environmental Analytical Chemistry*(2020), <https://doi.org/10.1080/03067319.2020.1781836>.
100. Gholami M., Torkashvand J., Rezaei Kalantari R., Godini K., Jonidi Jafari A., Farzadkia M. (2020). Study of littered wastes in different urban land-uses: environmental status assessment, *Journal of Environmental Health Science and Engineering*. <https://doi.org/10.1007/s40201-020-00515-7>
101. Torkashvand J., P Asalari H., Gholami M., Younesi S., Oskoei V., Farzadkia M. (2020). On-site carwash wastewater treatment and reuse: a systematic review. *International Journal of Environmental Analytical Chemistry*, DOI:10.1080/03067319.2020.1772773.
102. Bagheri S., Esrafilly A., Kermani M., Mehralipour J., Gholami M. (2020). Performance evaluation of a novel rGO-Fe0/Fe3O4-PEI nanocomposite for lead and cadmium removal from aqueous solutions, *Journal of Molecular Liquids* 320, 114422.
103. Noroozi R., Gholami M., Farzadkia M., Jonidi Jafari A. (2020). Catalytic potential of CuFe2O4/GO for activation of peroxy monosulfate in metronidazole degradation: study of mechanisms, *Journal of Environmental Health Science and Engineering*, <https://doi.org/10.1007/s40201-020-00518-4>.
104. Torkashvand J., Farzadkia M, Younesi Sh., Gholami M. (2020). A systematic review on membrane technology for carwash wastewater treatment: efficiency and limitations, *Desalination and Water Treatment* 1–10, doi: 10.5004/dwt.2020.26534.
105. P Asalari, H., Gholami, M., Rezaee, A., Esrafilly, A., Farzadkia, M. (2020). Perspectives on microbial community in anaerobic digestion with emphasis on environmental parameters: A systematic review, *Chemosphere*, <https://doi.org/10.1016/j.chemosphere.2020.128618>.
106. Rastegar A., Gholami M., Jonidi Jafari A., Hosseini-Bandegharai A., Kermani M., Hashemi Y.K. (2020). Use of NH4Cl for activation of carbon xerogel to prepare a novel efficacious adsorbent for benzene removal from contaminated air streams in a fixed-bed column, *Journal of Environmental Health Science and Engineering*. Oct 4;18(2):1141-1149. doi: 10.1007/s40201-020-00533-5.

107. Bagheri S., Gholami M., Nazari S. (2020). Performance Evaluation of Tannic Acid Removal by Nano Polyamidoamine Dendrimer from Aqueous Solution, *Journal of Water Chemistry and Technology*, Vol. 42, No. 5, pp. 348–358. © Allerton Press, Inc.
108. Barati rashvanlou R., Rezaee A., Farzadkia M., Gholami M., Kermani M. (2020). Effect of micro-aerobic process on improvement of anaerobic digestion sewage sludge treatment: flow cytometry and ATP assessment, *RSC Advances.*, 10, 35718.
109. Kermani, M., Asadgol, Z., Gholami, M. et al. (2020). Occurrence, spatial distribution, seasonal variations, potential sources, and inhalation-based health risk assessment of organic/inorganic pollutants in ambient air of Tehran. *Environmental Geochemistry and Health*, <https://doi.org/10.1007/s10653-020-00779-w>.
110. Kermani M., Dowlati M., Gholami M., Sobhi HR., Azari A., Esrafil A., Yeganeh M., Ghaffari HR. (2020). A Global Systematic Review, Meta-Analysis and Health Risk Assessment on the Quantity of Malathion, Diazinon and Chlorpyrifos in Vegetables, *Chemosphere*, Vol. 270, 129382. <https://doi.org/10.1016/j.chemosphere.2020.129382>.
111. Rashvanlou RB, Farzadkia M, Rezaee A, Gholami M, Kermani M, Pasalari H. (2021). The influence of combined low-strength ultrasonics and micro-aerobic pretreatment process on methane generation and sludge digestion: Lipase enzyme, microbial activation, and energy yield. *Ultrasonics sonochemistry* (2021) May 1; 73:105531.
112. Kermani M, Jafari AJ, Gholami M, Arfaeinia H, Shahsavani A, Fanaei F. (2021). Characterization, possible sources and health risk assessment of PM2.5-bound Heavy Metals in the most industrial city of Iran. *Journal of Environmental Health Science and Engineering*. Jan 15:1-3.
113. Ehsanifar M, Jafari AJ, Montazeri Z, Kalantari RR, Gholami M, Ashtarinezhad A. (2021). Learning and memory disorders related to hippocampal inflammation following exposure to air pollution. *Journal of Environmental Health Science and Engineering*. 2021 Jan 22:1-2.
114. Kermani M, Jafari AJ, Gholami M, Arfaeinia H, Yousefi M, Shahsavani A, Fanaei F. (2021). Spatio-seasonal variation, distribution, levels, and risk assessment of airborne asbestos concentration in the most industrial city of Iran: effect of meteorological factors. *Environmental Science and Pollution Research*. Apr;28(13):16434-46.
115. Kermani M, Jonidi Jafari A, Gholami M, Taghizadeh F, Masroor K, Abdolahnejad A, Shahsavani A, Fanaei F. (2021). Characterisation of PM2.5-bound PAHs in outdoor air of Karaj megacity: the effect of meteorological factors. *International Journal of Environmental Analytical Chemistry*. Apr 19, 1-9.
116. Mokhtari SA, Gholami M, Dargahi A, Vosoughi M. (2021). Removal of polycyclic aromatic hydrocarbons (Pahs) from contaminated sewage sludge using advanced oxidation process (hydrogen peroxide and sodium persulfate). *Desalination and Water Treatment*. 213, 311-8.
117. Pasalari H, Esrafil A, Rezaee A, Gholami M, Farzadkia M. (2021). Electrochemical oxidation pretreatment for enhanced methane potential from landfill leachate in anaerobic co-digestion process: Performance, Gompertz model, and energy assessment. *Chemical Engineering Journal*. Apr 27:130046.

118. Yeganeh M, Azari A, Sobhi HR, Farzadkia M, Esrafil A, Gholami M. (2021). A comprehensive systematic review and meta-analysis on the extraction of pesticide by various solid phase-based separation methods: a case study of malathion. *International Journal of Environmental Analytical Chemistry*. Jan 8, 1-7.
119. Yousefi, Mahmood, et al. (2021). Comparison of LSSVM and RSM in simulating the removal of ciprofloxacin from aqueous solutions using magnetization of functionalized multi-walled carbon nanotubes: Process optimization using GA and RSM techniques." *Journal of Environmental Chemical Engineering*, 105677.
120. Gholami, M., Jonidi-Jafari A., Farzadkia M., Esrafil A., Godini K., Shirzad-Siboni M. ((2021). Photocatalytic removal of bentazon by copper doped zinc oxide nanorods: Reaction pathways and toxicity studies." *Journal of Environmental Management* 294, 112962.
121. Azari A., Yeganeh M., Gholami M., Salari M. (2021). The superior adsorption capacity of 2,4-Dinitrophenol under ultrasound-assisted magnetic adsorption system: Modeling and process optimization by central composite design, *Journal of Hazardous Materials* 418, 126348.
122. Fallahizadeh S., Kermani M., Esrafil A., Asadgol Z., Gholami M. (2021). The effects of meteorological parameters on PM10: Health impacts assessment using AirQ+ model and prediction by an artificial neural network (ANN)", *Urban Climate* 38, 100905.
123. Kermani, M., Jafari, A.J., Gholami, M. Taghizadeh F., Arfaenia H., Shahsavani A., Abdossalami Y. (2021). Concentrations, spatial distribution, and human health risk assessment of asbestos fibers in ambient air of Tehran, Iran. *Arab J Geosci* 14, 1929. <https://doi.org/10.1007/s12517-021-07149-5>.
124. Asgharzadeh, F., Kalantary, R.R., Gholami, M. et al. (2021). TiO<sub>2</sub>-decorated magnetic biochar mediated heterogeneous photocatalytic degradation of tetracycline and evaluation of antibacterial activity. *Biomass Conv. Bioref.* . <https://doi.org/10.1007/s13399-021-01685-6>.
125. Taghdisi M.H., Estebarsari F., Gholami M., Hosseini A.F., Sheikh Milani A., Abolkheirian S., Rahimi Khalifeh Kandi Z. (2022). A training program of source-separated recycling for primary school students: Applying the health promoting schools' model", *Applied Environmental Education & Communication*, 21:1, 102-117, DOI: 10.1080/1533015X.2021.2001392.
126. Yeganeh, M., Charkhloo, E., Sobhi, H. R., Esrafil, A., & Gholami, M. (2022). Photocatalytic processes associated with degradation of pesticides in aqueous solutions: Systematic review and meta-analysis. *Chemical Engineering Journal*, 428, 130081.
127. Rabie F., Sarkhosh M., Azizi S., Jahantigh A., Hashemi S.Y., Baziar M., Gholami M., Azari A., (2022). The superior decomposition of 2,4-Dinitrophenol under ultrasound-assisted Fe<sub>3</sub>O<sub>4</sub>@TiO<sub>2</sub> magnetic nanocomposite: Process modeling and optimization, Effect of various oxidants and Degradation pathway studies, *International Journal of Environmental Analytical Chemistry*, DOI: 10.1080/03067319.2022.2034798 .
128. Esrafil A., Salimi M., jonidi jafari A., Sobhi H.M., Gholami M., Rezaei Kalantary R. (2022). Pt-based TiO<sub>2</sub> photocatalytic systems: A systematic review, *Journal of Molecular Liquids*, 352,118685, <https://doi.org/10.1016/j.molliq.2022.118685>.

129. Yeganeh M., Farzadkia M., Jonidi Jafari A., Sobhi H.R., Esrafil A., Gholami M. (2022). Application of a magnetic solid-phase extraction method using a novel magnetic metal organic framework nanocomposite for extraction of malathion and diazinon pesticides from environmental water samples, *Microchemical Journal*, Vol.183, 108082, <https://doi.org/10.1016/j.microc.2022.108082>.
130. Noroozi R., Gholami M., Kalantary R., Farzadkia M. (2022) Photo-catalytic degradation of sulfamethoxazole from aqueous solutions using Cu-TiO<sub>2</sub>/ CQDs hybrid composite, optimization, performance and reaction mechanism studies. *International Journal of Environmental Analytical Chemistry*, pages 1-18.
131. Kermani, M., Jafari, A.J., Gholami, M. Taghizadeh F., Arfaenia H., Shahsavani A., Abdossalami Y. (2022). Concentration, sources and bioaccessibility-based risk assessment of heavy metals in air-borne PM<sub>2.5</sub> in different land uses of Tehran. *International Journal of Environmental Science and Technology*, <https://doi.org/10.1007/s13762-021-03865-3>
132. Kermani M, Jonidi Jafari A, Gholami M, Shahsavani A, Goodarzi B, Fanaei F. (2022). Extraction and determination of organic/inorganic pollutants in the ambient air of two cities located in metropolis of Tehran. *Environ Monit Assess.* 194(3):204. doi: 10.1007/s10661-021-09705-8. PMID: 35182220.
133. Abbasnia A., Zarei A., Yeganeh M., Sobhi H.R., Gholami M., Esrafil A. (2022). Removal of tetracycline antibiotics by adsorption and photocatalytic-degradation processes in aqueous solutions using metal organic frameworks (MOFs): A systematic review, *Inorganic Chemistry Communications*, Vol.145, 109959, <https://doi.org/10.1016/j.inoche.2022.109959>.
134. Kermani M, Jonidi Jafari A, Gholami M, Farzadkia M, Saeidpour J, Shahsavani A, et al. (2022). Evaluation of fine particulate matter (PM<sub>2.5</sub>) concentration trends over heavily-industrialized metropolis of Ahvaz: Relationships to emissions and meteorological parameters. *Journal of Air Pollution and Health.* 7(2): 157-172.
135. Mehralipour, J., Jafari, A.J., Gholami, M. et al. (2022). Synthesis of BiOI@NH<sub>2</sub>-MIL125(Ti)/Zeolite as a novel MOF and advanced hybrid oxidation process application in benzene removal from polluted air stream. *J Environ Health Sci Engineer* 20, 937–952 <https://doi.org/10.1007/s40201-022-00837-8>.
136. Noroozi, R., Gholami, M., Farzadkia, M. et al. (2022). Synthesis of new hybrid composite based on TiO<sub>2</sub> for photo-catalytic degradation of sulfamethoxazole and pharmaceutical wastewater, optimization, performance, and reaction mechanism studies. *Environ Sci Pollut Res.*, 29, 56403–56418, <https://doi.org/10.1007/s11356-022-19375-9>.
137. Pasalari H., Ghasemian M., Esrafil A., Gholami M., Farzadkia M. (2022). Upgrading the biogas production from raw landfill leachate using O<sub>3</sub>/H<sub>2</sub>O<sub>2</sub> pretreatment process: Modeling, optimization and anaerobic digestion performance, *Ecotoxicology and Environmental Safety*, Vol.247, 114222, <https://doi.org/10.1016/j.ecoenv.2022.114222>.

138. Mehralipour, J., Jonidi Jafari, A., Gholami, M. Esrafil A., Kermani M. (2023), Investigation of photocatalytic-proxone process performance in the degradation of toluene and ethyl benzene from polluted air. *Sci Rep* 13, 4000. <https://doi.org/10.1038/s41598-023-31183-w>.
139. Amoohadi V., Pasalari H., Esrafil A., Gholami M., Farzadkia M. (2023), A comparative study on polyaluminum chloride (PACl) and Moringa oleifera (MO) chemically enhanced primary treatment (CEPT) in enhanced biogas production: anaerobic digestion performance and the Gompertz model, *RSC Adv* 13, 17121, [DOI: 10.1039/d3ra02112b](https://doi.org/10.1039/d3ra02112b).
140. Pasalari H., Ataei-Pirkooh A., Gholami M., Rezaei Azhar I., Yan C., Kachooei A., Farzadkia M. (2023), Is SARS-CoV-2 a concern in the largest wastewater treatment plant in middle east? *Heliyon* 9 e16607, <https://doi.org/10.1016/j.heliyon.2023.e16607>.
141. Asadgol, Z., Badirzadeh, A., Mirahmadi, H. *et al.* Simulation of the potential impact of climate change on malaria incidence using artificial neural networks (ANNs). *Environ Sci Pollut Res* (2023). <https://doi.org/10.1007/s11356-023-27374-7>
142. Kermani M., Taghizadeh F., Jonidi Jafari A., Gholami M., Shahsavani A., Nakhjirgan P. (2023), PAHs pollution in the outdoor air of areas with various land uses in the industrial city of Iran: distribution, source apportionment, and risk assessment, *Heliyon* 9, e17357, <https://doi.org/10.1016/j.heliyon.2023.e17357>.
143. Teymourinia H., Alshamsi H.A, Al-nayili A., Sohoul E., Gholami M., (2023), Synthesis of new photocatalyst based on g-C<sub>3</sub>N<sub>4</sub>/N,P CQD/ZIF-67 nanocomposite for ciprofloxacin degradation under visible light irradiation, *Journal of Industrial and Engineering Chemistry* 125 (2023) 259–268, <https://doi.org/10.1016/j.jiec.2023.05.035>.
144. Arbabi, A., Gholami, M., Farzadkia, M. et al. Microplastics removal technologies from aqueous environments: a systematic review. (2023), *J Environ Health Sci Engineer*, <https://doi.org/10.1007/s40201-023-00872-z>.
145. Mehralipour J., Bagheri S., Gholami M., Synthesis and characterization of rGO/Fe<sub>0</sub>/Fe<sub>3</sub>O<sub>4</sub>/TiO<sub>2</sub> nanocomposite and application of photocatalytic process in the decomposition of penicillin G from aqueous. (2023), *Heliyon*, Vol. 9, Issue 7, <https://doi.org/10.1016/j.heliyon.2023.e18172>.
146. Gholami F., Dehghanifard E., Hosseini-Baharanchi F.S., Gholami M., The quantitation of the impact of Covid-19 pandemic on water demand through GEE modeling, a case study in Iran. (2023), *Case Studies in Chemical and Environmental Engineering*, Vol.8, <https://doi.org/10.1016/j.cscee.2023.100440>.
147. [Yeganeh](#)

### **PAPER PRESENTATIONS**

- 1) ICOM 2002, **Recovery of reactive dyestuff using UF, NF and RO membranes**, Toulouse, July 7-12, 2002, France.
- 2) IMSTEC03, **Development of membrane filtration method for Disperse dye removal from dye-house effluent**, Sydney, Nov. 10-14, 2003, Australia.
- 3) EUROMEMBRANE2004, **Application of Membrane filtration method for Disperse dye removal from Textile Industries**, Technical University Hamburg- Harburg (TUHH), Hamburg, Sep.27- Oct.1, 2004, Germany.
- 4) ICOM2005 (International Congress on Membrane Processes2005); **Modification of PES Hollow-fiber membranes by heat treatment**; Lotte Hotel Jamsil, Seoul, Korea, Aug.21-26, 2005.
- 5) IMSTEC07(The 6<sup>th</sup> International Membrane Science and Technology Conference, **Development of membrane filtration method for Arsenic removal from drinking water**, Nov.5-9, 2007, Sydney, Australia.
- 6) MDIW08(Membranes in Drinking Water Production and Waste Water Treatment), **Application and Optimization in Chromium-Contaminated Wastewater Treatment of the Reverse Osmosis Technology**, 20-22 October, 2008, Toulouse, France.
- 7) Euromed 2008, Desalination, Cooperation among Mediterranean Countries of Europe and the MENA Region, King Hussein Bin Talal Convention Center, **Application and optimization in chromium-contaminated wastewater treatment of the reverse osmosis technology**, November 9–13, 2008, Dead Sea , Jordan.
- 8) 3<sup>th</sup> National Congress on Environmental Health, **ADMI method for measurment of colors in water and wastewater**, Kerman, Nov.1-3, 2000, Iran.
- 9) 7<sup>th</sup> Iranian Chemical Engineering National Congress, **Development of membrane filtration for reactive dye removal from textile industrie's effluent**, Technical Faculty, Tehran University, Tehran, Iran, Nov.2002.
- 10) 7<sup>th</sup> National Congress on Environmental Health, Effect of Temperature and influent gas speed and Solid loading on headloss in Cyclones, Shahrekord, Shahrekord University of Med. Sciences, September 2004.
- 11) 2<sup>th</sup> International Conference on Health, Medicaion and Crisis Management in Disasters, Comparison of Water distribution Strategies with Standard water supply in emergencies in Bam Water distribution after the earthquake, Razi Conference Center, **December 2004**.
- 12) 3<sup>th</sup> National Conference on waste Management and its position in urban planning, **Investigation of hybrid Septic tank and aerated Lagoon process efficiency for Karaj city lanfill leachate treatment**, Tehran University Of Med. Scie., April 2006.
- 13) 12<sup>th</sup> National Congress on Environmental Health, **Survay of Biological removal of Azo dye from Synthetic wastewater**, Shahidbeheshti University of Med. Sci., Nov. 3-5, 2009.
- 14) 12<sup>th</sup> National Congress on Environmental Health, **Investigation of Electrochemical Coagulation Process Efficiency for Removal of Reactive Red 198 from Colored Wastewater**, Shahidbeheshti University of Med. Sci., Nov. 3-5, 2009.
- 15) 1<sup>st</sup> National Conference on Urbon Health, **Food Street's Outcomes**, Iran University of Med. Sci., Apr.24-25, 2010 .

16) 11<sup>th</sup> Iranian Microbiology Congress & 1<sup>st</sup> East Mediterranean Microbiology Congress, **Microbial Corrosion (MIC)**, Guilan University of Med. Sci., Apr. 10-13, 2010.

17) **2<sup>nd</sup> International Conference on Hazardous and Industrial Waste Management**, Performance evaluation of Iran University of Medical Sciences hospital wastewater treatment plants, Department of Environmental Eng., Technical University of Crete, **Greece, Oct. 5-8, 2010**, Chania, Greece.

18) IWA Regional Conference and Exhibition on Membrane Technology and Water Reuse, 2010, **Development of membrane Technology for antibiotics removal from synthetic pharmaceutical wastewater**, IWA & Istanbul Technical University, Oct. 18-22, 2010

19) **ICOM2011**, Evaluation of Submerged membrane bioreactor efficiency for High COD wastewater treatment, **Amsterdam, Netherland.**

20) **Euro-Mediterranean Journal for Environmental Integration**, Evaluation of Diallyl phthalate biodegradation mechanisms in the treatment of synthetic wastewater” submitted to EMCEI-2017 for evaluation, University of Sfax, **Tunisia**, 22 – 25 November 2017.

### **REPORTS**

Iran Guidelines, Monitoring And Surveillance Of Recreational Water Environments, ,WHO, CEHA(**Center of Environmental Health Agency** ), Amman, July 20-23, Jordan.

### **AREAS OF INTEREST**

- Hazardous waste Management
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