

# *Mazandaran University of Medical Sciences*

## Personal Information



## Zabihollah Yousefi

**Academic Rank :** Professor  
**Email :** zyousefi2004@gmail.com  
**Address :** Faculty of Public Health, KM 18 Kazarabad Road, The Campus of Mazandaran University of Medical Sciences, Sari, Iran  
**Tell :** 00981133543085  
**Fax :** 0098113543085  
**Homepage :**  
**Birthday :** 1960  
**Birth Place :** Amol, Iran

## Description

### University Education

B.Sc. degree in Environment health (1989), Faculty of public health, Tehran University of Medical Sciences. Tehran, Iran.

M.Sc. degree in Environmental Health Engineering. (1992), Faculty of Medical Sciences, Tarbiat Modarres University. Tehran, Iran.

PhD degree in Environmental Health (2001) from Tehran University of Medical sciences (Tehran, Iran) & 6 months in UWS-Hawkesbury, Sydney, Australia)

Visiting research fellowship (Project: *Bacteriophage technique for assessing viral removal in constructed wetland and detention pond systems*), 6 months in UWS-Hawkesbury, Sydney, Australia. (Supervisor: Prof. H. J. Bavor)

### Professional membership

Currently professor at Mazandaran University of medical sciences, School of public health, Iran.

Vic Chancellor of Health Faculty in Mazandaran University of medical sciences, 2010-2013.

Manager of environmental engineering educational group in School of public health, 2002-2010.

Lecturer at Mazandaran University of Medical Sciences, Iran, 1992- onward.

Head of Environmental Health Research Center, Sari, 2004-2006

Member of International Water Association (IWA) from 1992 - 2004

Member of Iranian Society of Environmentalists from 1995 - onward.

Member of Iranian Association of Environmental Health (IAEH)

Consultant of Mazandaran Water and Wastewater Co. in researches committee, 3 yr.

Secretary of 6th National congress on Environmental Engineering on 22-24 Oct 2003, Mazandaran-Mahmoodabad, Iran

Head of Mazandaran branch of Iranian Association of Environmental Health (IAEH)- 2002- onward

Director of Zistgostar Khazar Eng. Sci. Co., 2004- 2007

Chairman and Editorial Board member of Behsazan Mohit, Scientific and Research Journal of Environmental Health Research Center, 2004- 2007

Consultant of Municipality and Showray Eslami of Amol City, 2004-2006

Member of Nanotechnology Center of the University, 2005- 2009

## Scientific Experiences:

Researches mainly in the field of water and wastewater pollution control , Natural Treatment and biotechnology, Environmental Microbiology, wastewater treatment plant design, solid waste vermicomposting and leachate treatment

Research work in Water Research Lab (in UWS-Hawkesbury, Sydney, Australia) as a fellowship researcher.

## Teaching Experiences:

25 Years, from 1992 up to 2016 (onward), in the field of Environmental Engineering.

## Honors and Awards:

Many awards received for different academic activities.TT

## English Publications:

1. Vahid Gholami, Marhemat Sebghati, **Zabihollah Yousefi**, Integration of artificial neural network and geographic information system applications in simulating groundwater quality, Environmental Health Engineering and Management Journal **2016**, 4(3), x-x. (**In Press**).
2. Z Tahernezhad, **Z Yousefi**, N Mousavinasab, Asurvey on fluoride, nitrate, iron, manganese and total hardness in drinking water of Fereydoonkenar city during 2008-2013, (**2016**), Journal of Advances in Environmental Health Research, (**in Press**).
3. **Z Yousefi**, F Kazemi, RA Mohammadpour, Assessment of scale formation and corrosion of drinking water supplies in Ilam city (Iran), Environmental Health Engineering and Management Journal, **2016**, 3(2), 75–80.
4. F Kazemi, Z Yousefi, RA Mohammadpour, Dental waste characterization in the city of Ilam in 2014, Environmental Health Engineering And Management Journal,, (**2016**), 3 (3), 115-121.
5. **Zabihollah Yousefi** · Ali Mashayekh-Salehi · Reza Ali Mohammadpour Tahmtan, Biosorption of chromium in aqueous solutions using Bivalve Mollusk Shells through central composite design (CCD) model, Desalination and Water Treatment, (**2015**) 1–13, DOI:10.1080/19443994.2015.1106342.
6. **Zabihollah Yousefi**, Reza Ali Mohammadpour Tahmtan, Farzad Kazemi, Temporal and spatial variation of hardness and total dissolved solids concentration in drinking water resources of Ilam City using Geographic Information System Environmental Health Engineering and Management Journal, **2015**, 2(4), 203–209.
7. Taghavi, M., Zazouli, M.A., **Yousefi, Z.**, Akbari-adergani, B., Kinetic and isotherm modeling of Cd (II) adsorption by l-cysteine functionalized multi-walled carbon nanotubes as adsorbent (**2015**) Environmental Monitoring and Assessment, 187 (11), art. no. 682, 10 p.
8. Balarak D, Dianati Tilaki RA, **Yousei Z**, Zazouli MA, Yazdani J and Esfandyari Y, Phytodegradation Potential of Phenol from Aqueous Solution by Azolla filiculoides, Journal of Bioremediation & Biodegradation. 2014, 5 (7), 1-5.
9. **Zabihollah Yousefi**, Ramazan Motallebi, Afshin Takdastan, Water desalination by membrane technology (RO) in southern Iran (Jask city), Environmental Health Engineering and Management Journal 2014, 1(1), 13–18
10. **Z. Yousefi, S. Jowhari, Sh. Nasiri**, Efficiency of a natural wetland for effluent polishing of a septic tank, *Iranian Journal of Health, Safety & Environment, Vol.1, No.2, pp 67-73, 2014.*

11. Mohsen-Bandpei A., **Yousefi Z.** Status of Water Quality Parameters along Haraz River, *Int. J. Environ. Res.*, 7(4):1029-1038, Autumn 2013.
12. **Yousefi Z.** Tarassoli A., Nasirahmadi K., Yaghoobzadeh Y., Yadollahi A. Assessment of the surface water quality in Tajan river basin, Iran, *Life Science Journal*; Volume 10, Number 3 (Cumulative No.34): 775-780, 2013.
13. **Zabihollah Yousefi** and Hajar Ziaei hezarjaribi, Elimination of Nematode Cysts and Ova from Hospital Sewage by Activated Sludge Process, *Iranica Journal of Energy and Environment (IJEE)*, 4 (4): 419-424, 2013
14. **Zabihollah Yousefi.** Seyed Reza Aghili. Raheleh Ebrahimzadeh. Bahar Salmanian, Investigation of Fungi in drinking water resources, as a source of contamination tap water in Sari, Iran, *Iranian journal of health sciences* 2013; 1(1): 84-91.
15. **Z. Yousefi,** A.I.Amouei, M., Effect of chemical additives on availability of heavy metals (Pb, Cd and Zn) of soil, *Asian Journal of Chemistry*. *Asian Journal of Chemistry*; Vol. 25, No. 12 (2013), 6496-6498.
16. Abdol Iman Amouei, **Zabihollah Yousefi,** Amir Hosein Mahvi, Kazem Naddafi, and Masomeh Tahmasbizadeh. Heavy Metal Concentrations in Industrial, Agricultural, and Highway Soils in Northern Iran, *Environmental Justice*. June 2012, 5(3): 153-157. doi:10.1089/env.2011.0038.
17. **Z. Yousefi,** A. Mohseni-Bandpei, Nitrogen and phosphorus removal from wastewater by subsurface wetlands planted with *Iris pseudacorus*, *Ecological Engineering* 36 (2010) 777-782.
18. Reza Safari, **Zabihollah Yousefi,** Study of *Clostridium botulinum* by Various Formulations of Salt and Preservatives in Persian Caviar, *Environmental Justice*. March 2010, Vol. 3, No. 1: 27-32
19. L. Ziaabadi, **Z. Yousefi,** V. Gholami and E. Jokar, Modeling of River Hydraulic Behavior for Site Selection the Outlets, of Surface Water System (Case Study: Rasht City, Iran), *American-Eurasian J. Agric. & Environ. Sci.*, 7 (2): 149-156, 2010
20. Vahid Gholami, **Zabihollah Yousefi** and Hosseinali Zabardast Rostami, Modeling of Ground Water Salinity on the Caspian Southern Coasts, *Water Resour Manage* (2010) 24:1415-1424
21. **Z. Yousefi,** H. Ziaei hezarjaribi, A. A. Enayati, R. A. Mohammadpour, PARASITIC CONTAMINATION OF WELLS DRINKING WATER IN MAZANDARAN PROVINCE, Iran. *J. Environ. Health. Sci. Eng.*, 2009, Vol. 6, No. 4, pp. 241-246
22. **Z. Yousefi,** M. Ramezani, S.Kh. Akbari Mohamadi, R.A. Mohammadpour, A. Nemati, Identification of Earthworms species in Sari Township in Northern Iran, 2007-2008. *Journal of Applied Sciences* 9 (20):3746-3751, 2009
23. **Z. Yousefi,** A Survey of Pesticide Toxicant Utilization from Caspian Sea Banks, Mazandaran Province, Northern Iran, *ENVIRONMENTAL JUSTICE*, Volume 1, Number 2, 2008, PP:101-105, DOI: 10.1089/env.2008.0507
24. **Z. Yousefi,** M.A. Zazouli, Removal of Heavy Metals from Solid Wastes Leachates by Coagulation-Flocculation Process, *J. of Applied Science*, 8(11), 2142-2147, 2008
25. **Z. Yousefi,** M.A. Zazouli, Misuse of Antibiotics in a Hospital, an Environmental Health, *World Applied Science Journal* 3(4):555-558, 2008
26. **Z. Yousefi,** M.A. Zazouli, Evaluation of Bacteriophages Methods for Detection and Isolation of Viruses from Surface Water, *World Applied Science Journal* 3(2): 317-322, 2008
27. Reza Ali Mohammadpour and **Zabihollah Yousefi,** Factor Analysis of SF-36 Persian Version Health-Related Quality of Life Questionnaire in Iran, *World Applied Science Journal* 3(4):548-554, 2008
28. C.M.Davies, **Z. Yousefi** and H.J.Bavor, Occurrence of coliphages in urban stormwater and their fate in stormwater management systems, *J. of letter in Applied Microbiology*, 2003, 37, 299-303
29. **Z. Yousefi,** H. J. Bavor & C. M. Davies, Use of bacteriophages as a model for assay on removal of stormwater viral pollution in constructed wetland and detention pond systems, in *Proceeding of: Water Pollution VI, Modeling, Measuring and Prediction*, WIT Press, 2001, pp. 217-225
30. Mohseni-Bandpi A. & **Z. Yousefi.**, The performance of selector to solving bulking sludge problem in activated sludge process, in *Proceeding of: Water Pollution VI, Modeling, Measuring and Prediction*, WIT Press, 2001, pp. 177-184
31. **Z. Yousefi.** and A.Mesdaghinia, The use of oxygen in catalytic oxidation of sulfides in tannary wastes, *Iranian J. of Public Health*, 1991, vol. 20: 17-25, No. 1-4

### **National Journal Publications:**

32. **Zabihollah Yousefi**, Reza Ali Mohammadpour Tahmtan, Farzad Kazemi. Temporal and Spatial Variation of Fluoride, Nitrate and Nitrite Concentrations in Drinking Water in Ilam Using Geographic Information System, J Mazandaran Univ Med Sci **2016**; 26(134): 69-80 (Persian).
33. Malakootian M, **Yousefi Z** , Khodashenaslimoni Z, Removal of Zinc from Industrial Wastewaters Using Microscopic Green Algae *Chlorella Vulgaris*, Scientific Journal of Ilam University of Medical Sciences, **2016**, 23(6): 40-50.
34. **Zabihollah Yousefi**, Jamshid Yazdani Cherati, Masoumali Movahedi, Fatemeh Kariminejad, Effect of Organic Loading Rate on the Performance of Anaerobic Process in Treatment of Pulp and Paper Mill Effluents, J Mazandaran Univ Med Sci **2015**; 25(131): 136-150 (Persian).
35. Ramezan Ali Dianati Tilaki, **Zabihollah Yousefi** , Jamshid Yazdani Cherati , Seyed Mehdi Ghasemi, Efficiency Evaluation of Natural (Crude) and Citric Acid Modified Rice Straw for Removal of Pb (II) From Aqueous Solutions, J Mazandaran Univ Med Sci, **2015**; 24(120):220-231 (Persian).
36. Dianati tilaki R, **Yousefi Z**, Yazdani cherati J ,Ghasemi SM, Comparison of Ni(II) Removal from Aqueous Solutions by Natural and Citric Acid Modified Rice Straw, Journal of Guilan University of Medical Sciences, **2015**, No: 96, Pages: 1-12.
37. **Zabihollah Yousefi**, Reza Safari, Shahabeddin Sarvi, Reza Ali Mohammadpour Tahmtan, Ehsan Rostamali, Anthracene Biodegradation by Bacteria Isolated from Tajan River Estuary, J Mazandaran Univ Med Sci, 2014; 24(118): 111-122 (Persian).
38. **Zabihollah Yousefi**, Reza Ali Mohamadpur Tahamtan, Ali Mashayekh Salehi, The efficiency of bivalve mollusk shell in removal of lead [Pb (II)]from aqueous solutions by central composite design model (CCD) and optimization of effective parameters, J Mazand Univ Med Sci 2014; 23(108): 54-67 (Persian).
39. **Zabihollah Yousefi**, Kazem Naddafi, Reza Ali Mohamadpur Tahamtan, Mohammad Ali Zazouli, Zohre Koushki, Indoor Radon Concentration in Gorgan Dwellings Using CR-39 Detector, J Mazandaran Univ Med Sci 2014; 24(113): 2-10 (Persian).
40. Mohammad Ali Zazouli, **Zabihollah Yousefi**, Jamshid Yazdani Cherati, Hajar Tabarinia, Farzaneh Tabarinia, Behrouz Akbari-adergani, Evaluation of L-Cysteine Functionalized Single-Walled Carbon Nanotubes On Mercury Removal from Aqueous Solutions, J Mazand Univ Med Sci 2014; 24(109): 10-21 (Persian).
41. **Zabihollah Yousefi**, Atrieh Taghizadeh. Fluorine Concentration in Drinking-Water Resources in Rural Areas. J Mazand Univ Med Sci 2014; 24(109): 265-269 (Persian).
42. **Yousefi, Z.**, Mohamadpour, R.-A., Zarei, E., Barafrashtehpour, M. Lignin degradation from synthetic wastewater of pulp and paper industries by using of UV/Fe-Doped TiO<sub>2</sub> photocatalytic process (2014) Journal of Mazandaran University of Medical Sciences, 23 (2), pp. 95-106.
43. **Yousefi Z**, Seyedirad M. Quantitative and Qualitative Study of Urban Septage in East of Mazandaran and Administrative Approaches. J Mazandaran Univ Med Sci. 2013; 23 (102) :67-77
44. **Zabihollah Yousefi**, Aman Mohammad Gharanjik, Behnaz Amanpour, Mohsen Adeli, Selection of Solid Waste Landfill Site Using Remote Sensing and Geographical Information System: A Case Study in Gonbad-e Qabus, J Mazand Univ Med Sci 2013; 23(Supple 1): 105-114 (Persian).
45. **Zabihollah Yousefi**, Behrouz Hanafi, Fluoride Level in Drinking Water Supplies of Gonbad-e Qabus, 2008-2012, J Mazand Univ Med Sci 2013; 23(101): 49-53 (Persian).
46. **Zabihollah Yousefi**, Mansour BarafrashtehPour, Mahmoud Taghavi, Ali MashayekhSalehi, Farhad Sedaghat, Survey on Temporal and spatial variation of nitrate and nitrite in drinking water of Gachsaran by using Geographic Information System (GIS), J Mazand Univ Med Sci 2013; 23(Suppl-2): 158-162 (Persian).
47. **Zabihollah Yousefi**, Ali Mashayekh Salehi, Reza Ali Mohamadpur Tahamtan, Efficacy of Hybrid Constructed Wetland in Removing Plumb and Cadmium from Wastewater in the Campus of Mazandaran University of Medical Sciences, J Mazand Univ Med Sci 2013; 23(97): 258-269 (Persian).
48. **Zabihollah Yousefi**, S.M. Hoseini, Reza Ali Mohamadpur Tahamtan, Mohammad Ali Zazouli, Performance evaluation of subsurface artificial wetland with horizontal flow in wastewater treatment (Case report on the Complex Paradise of Mazandaran University of Medical Sciences), J Mazand Univ Med Sci 2013; 23(99): 12-25 (Persian).
49. Mohammad Ali Zazouli, **Zabihollah Yousefi**, Mahmoud Taghavi, Behrouz Akbari-adergani, Jamshid Yazdani Cherati, Cadmium Removal from Aqueous Solutions using L-cysteine Functionalized Single-Walled Carbon

Nanotubesti, J Mazand Univ Med Sci 2013; 23(98): 37-47 (Persian).

50. Majid Kermani, Mahdi Farzadkia, **Zabihollah Yousefi**, Rahman Ghandali, Investigating the Environmental Health and Safety Status among Primary Schools, J Mazand Univ Med Sci 2012; 22(95): 85-89 (Persian).
51. Kamran Nasirahmadi, **Zabihollah Yousefi**, Ahmad Tarassoli, Zoning of water quality on Haraz river bases on National Sanitation Foundation Water Quality Index, J Mazand Univ Med Sci 2012; 22(92): 64-71 (Persian).
52. RamezanAli Dyanati, **ZabihAllah Yousefi**, Jamshid Yazdani Cherati, Davoud Balarak, Investigating Phenol Absorption from Aqueous Solution by Dried Azolla, J Mazand Univ Med Sci 2013; 22(Suppl-2): 13-20 (Persian).
53. Zazouli M, **Yousefi Z**, Eslami A, Bagheri Ardebilian M. Evaluation of the Different Fenton Processes Combined with Coagulation- Flocculation Pretreatment in Landfill Leachate Treatment. TB. 2012; 11 (2) :83-97.
54. **Z. Yousefi**, M. A. Zazouli, R.A. Mohamadpur, M. Ghorbanian, Evaluation of anaerobic baffled reactor modified by anaerobic filter (ABR-AF) for Solid waste leachate treatment, J Mazand Univ Med Sci; 2012; 21(86); 27-36.
55. **Z. Yousefi**, A. Mohseni, R.A. dianati, A. Malaki, R.A. Mohamadpur, E.Ghahramani A survey on combined GAC-SBR system performance in the removal of color from the Mazandaran Textile industries wastewater, J Mazand Univ Med Sci; 2012; 21(Suppl 1); 41-49.
56. **Z. Yousefi**, A.I.Amouei, H. Asgharnia, A. Nemati, M. Vaezzadeh, Vermicomposting of Solid wastes in Mazandaran, J. of Babol Univ Med Sci, 2012; 14 (Suppl 1 ), 30-35.
57. **Z. yousefi** , Study of the Pollution Condition of Swimming Pools in Sari City for the Staphylococcus aureus, *Iran. J. Health & Environ. 2009, Vol. 2, NO. 3*, p. 178-187.
58. Hajar Ziaei Hezarjaribi, Mohammad Azadbakhat, **Zabihollah Yousefi**, Fereshteh Jeivad, Effect of aqueous extract albizia on removal ova of parasites from parsley vegetable, J Mazand Univ Med Sci 2009; 19(73): 52-58 (Persian).
59. **Z. Yousefi**, O. Naeaj. Study on Nitrate Value in Rural Area in Amol City, J Mazand Univ Med Sci, 2008, 17, No.61, p. 161-165.
60. **Z. yousefi**, A.A. Ghanbari, Evaluation on tea cups washing water contamination of traditional tea shops to fecal coliform in Sari City, J Mazand Univ Med Sci, 2006. 16, No.55,
61. **Z.Yousefi**, M. Mardanshah, Evaluation of optimization plan in hospital wastewater treatment plant, in Behsazan Mohit, Journal of Environmental Health Research Center, No.7, p.36-43,2005
62. M.Azadbakht, H.Ziaee, **Z.Yousefi**, B.Shabankhani, A.A. Mehralian, Evaluation of Choobac plant liquid juice on parasite ova removal from vegetables and it's comparison with disinfectants and liquid cleaners in Sari city, in J. Pharmaceutical plants , 4, No.14, p.51-58, 2005
63. **Z. yousefi**, F.Maadani, Evaluation of wastewater treatment system of a Cement factory, in Behsazan Mohit, Journal of Environmental Health Research Center, No.6, p.33-37,2005
64. M.A.Zazoli, A.Mohseni, **Z. yousefi**, S.H.Khatami, Investigation of Contamination Rate in Bathing Beaches of Coastal Nour City and Comparing to Standards, in J. of Environ. Studies, 1, No.3, p.47-52, 2005
65. **Z. yousefi**, M. Ghoochani, A survey on coliform removal in university Hospitals wastewater treatment plants in Sari City, in Behsazan Mohit, Journal of Environmental Health Research Center, No.5, p.45-48,2005
66. **Z. Yousefi**, S. Ghorbanpoor, N. Mehrdadi and P. Ebrahimi, Heavy metal Contaminants (Cd, Cr, Pb, Ni) in Caspian Sea beaches water and sediments (North of Iran), in Behsazan Mohit, Journal of Environmental Health Research Center, No.4, p.15-20,2005
67. **Z.Yousefi**, M. Sanaat, Evaluation of drinking water quality in Babol rural area without piping network, in Behsazan Mohit, Journal of Environmental Health Research Center, No.3, p.32-36,2004
68. **Z. yousefi**, M.A. Zazouli, M. Azizi, S. Hedayati, Survey of Compost Production from Domestic Solid Wastes by Aerobic Method and Earthworm and Also Effect of Loading Alternation, in Behsazan Mohit, Journal of Environmental Health Research Center, No.1, 2004
69. M.H.Abadi, A.R.Mesdaghinia, **Z.Yousefi**, Comparing of Aerobic Activated Sludge Attached & Suspended Growth System for Treatment of Septic Tank Effluent, in Behsazan Mohit, Journal of Environmental Health Research Center, No. 1, 2004
70. **Z. Yousefi**., Mohseni - Bandpei A., Pollutant removal by cationic-anionic resin" Iranian J. Mazandaran University of medical sciences, 8, No.20, 7-13, 1999
71. **Z. Yousefi**., Modern Technologies for Small community wastewater plant" Iranian J. water and Environment; 1997; 18: 21 – 25

72. **Z. Yousefi.**, Sulfide, Sulfur bacteria and their role in Biological corrosion and Methods of control" Iranian J. water & wastewater of Isfahan; 1995; 15: 24 - 34.

### **Congress Presentation:**

#### **International Congress**

73. **Zabihollah Yousefi**, Seyed Mojtaba Hoseini, Phytoremediation of organic pollutants in hybrid constructed wetland by *P. australis*, 9th International Phytotechnology Society (IPS), Hasselt University in Belgium, 11-14 Sep. 2012.
74. **Z. Yousefi**, A. Mashayekh Salehi S.M. Hoseini A.I. Amouei, Phytoremediation of 4 toxic metals in hybrid constructed wetland, 9th International Phytotechnology Society (IPS), Hasselt University in Belgium, 11-14 Sep. 2012.
75. **Yousefi Zabihollah**, Arefi Aboulghasem , DEFLUORIDATION OF GROUND WATER BY POLYALUMINUM CHLORIDE (PAC), 2012, XXXth Conference of the International Society for Fluoride Research, Szczecin, Poland, Sep. 5–8, 2012.
76. **Yousefi Zabihollah**, Arefi Aboulghasem, FLUORIDE REMOVAL FROM WATER BY ALUM COAGULANT, 2012, XXXth Conference of the International Society for Fluoride Research, Szczecin, Poland, Sep. 5–8, 2012.
77. **Z. Yousefi**, A. Mohseni , R. A. Dianati ,A. Maleki , R. A. Mohammadpour and E. Gharmani, Decolourization of the Textile Effluent by Combined GAC-SBR System, Proceeding of EuCheMS International Conference on Chemistry and the Environment (ICCE), 2011 – ETH Zurich, Switzerland – 11-15 September p. 277.
78. **Z. Yousefi**, S. R. Aghili and M. Ghorbanian, Isolation of Fungus from Mazandaran Pulp and Paper Industry Effluent, Proceeding of EuCheMS International Conference on Chemistry and the Environment (ICCE), 2011 – ETH Zurich, Switzerland – 11-15 September, p. 382.
79. H. Asgharnia, Gh. Omrani, A.I.Amouei, M. Hajiahmadi, **Z.Yousefi**, M.A.Zazouli, The comparison of microbial and chemical quality and ripening time of aerobic compost by vegetable wastes vermicompost, Proceeding of the 12<sup>th</sup> international conference on environmental science and technology, Rhodes, Greece, 8-10 sep. 2011: 74B-80B.
80. H. Asgharnia, F. Sadighian, F. Jafarzadeh, Z. Shahandeh, **Z.Yousefi**, A.I.Amouei, Survey of natural treatment of domestic wastewater by Marzon Abad wetland in Babol, Proceeding of the 12<sup>th</sup> international conference on environmental science and technology, Rhodes, Greece, 8-10 sep. 2011: 81B-86B.
81. M.A.Zazouli, M. Bagheri Ardebilian, **Z. Yousefi**, A. Eslami, Optimizing the old landfill leachate treatment of municipal solid waste by fenton. photo-fenton and fenton-like processes, Proceeding of the 12<sup>th</sup> international conference on environmental science and technology, Rhodes, Greece, 8-10 sep. 2011: A-2073-A-2082.
82. **Z. Yousefi**, S. Jowhari, Sh. Nasiri, Efficiency of a natural wetland for effluent polishing of a septic tank, proceeding of 12th IWA International Conference on Wetland Systems for Water Pollution Control (Wetland 2010), Oct. 4-8, 2010, Venice-Italy, ISBN: 978-88-6060-300-5, p. 1591-1598.
83. **Z. Yousefi**, A. Mohseni–Bandpei and A.A. Enayati, Wetlands for wastewater treatment and reuse in north of Iran: A review, proceeding of 12th IWA International Conference on Wetland Systems for Water Pollution Control (Wetland 2010), Oct. 4-8, 2010, Venice-Italy, ISBN: 978-88-6060-300-5, p. 1590.
84. **Z. Yousefi**, B.Alizadeh, and A. Fouladian, Anaerobic Baffled Tank (ABR) and Role of biofilm, 3rd international conference on environmental, industrial and applied microbiology (BIOMICROWORLD 2009), 2-4 DECEMBER, 2009, Lisbon, Portugal
85. **Z. Yousefi**, A.Mohseni-Bandpei , The Occurrence of Trihalomethanes in the Drinking Water Reservoirs and Distribution Systems and Pollution Management, 45<sup>th</sup> Congress of the European Societies of Toxicology (EUROTOX 2008) Rhodes, Greece, 5-8 Oct. 2008.
86. **Zabihollah Yousefi**, Anoushirvan Mohseni-Bandpei, The occurrence of trihalomethanes in the drinking water reservoirs and distribution systems and pollution management, Abstracts / Toxicology Letters 180S (2008) S32–S246, P. s206, doi:10.1016/j.toxlet.2008.06.249
87. **Z. Yousefi**, E. Jokar, V. Gholami, GIS-BASED ENVIRONMENTAL MONITORING IN HARAZ RIVER, INDUSTRIAL SITE SELECTION, IRAN, in the Conference Collection of Papers of 7th International Scientific Conference on Modern Management of Mine Producing, Geology and Environmental Protection - SGEM 2007, 11-15 June 2007, Bulgaria
88. **Z. Yousefi**,A.Mohseni-Bandpei,,M.A.Zazouli, MANAGEMENT OF SURFACE WATER QUALITY, HARAZ RIVER,

NORTH OF IRAN, in the Conference Collection of Papers of 7th International Scientific Conference on Modern Management of Mine Producing, Geology and Environmental Protection - SGEM 2007, 11-15 June 2007, Bulgaria

89. B. Nikpour, **Z. Yousefi**, M.Noshadi, M.S.Mortazavi, SURVEY ON SEDIMENTATION AND CORROSION POTENTIAL IN DRINKING WATER SYSTEM OF BEHSHAHR CITY, NORTH OF IRAN, in the Conference Collection of Papers of 7th International Scientific Conference on Modern Management of Mine Producing, Geology and Environmental Protection - SGEM 2007, 11-15 June 2007, Bulgaria
90. **Zabihollah Yousefi**, Safeiieh Akbarpoor Samakosh, Pooneh Ebrahimi, Biosorption of cadmium and copper from aqueous solutions by Caspian Sea marine macroalgae, Abstracts / Toxicology Letters 172S (2007) S1-S240, p. S220, doi:10.1016/j.toxlet.2007.05.555
91. M.A.Zazoli, A.Mohseni Bandpei, **Z. Yousefi**, and M.Shokrzadeh, Study of Chromium (Cr) concentration in Tarrom rice cultivated in the Qaemshahr region and its daily intake, in proceeding of international conference on ecotoxicology: Trends and perspectives, 17-20 Sep. 2006, , p.141. Wista, POLAND
92. **Z. Yousefi**, A. Mesdaghinia, M. Gheiaseddine, Nitrogen and Phosphor removal in gravel planted reactors subsurface wetland with Iris Pseudacorus, WETPOL, International Symposium on Wetland Pollutant Dynamics and Control, 4-8 september 2005, Ghent, Belgium
93. **Z. Yousefi** and A.Goli, Evaluation of pesticide toxicants in north of Iran and water pollution potential , in Proceeding of ICTX-2004 (10<sup>th</sup> international congress of Toxicology on 11-15 July 2004) in Tampere, Finland
94. **Z. Yousefi**, M.A. Zazoli, A. Mohseni-Bandpei, and A.R. Parvareh, Removal of heavy metals from solid wastes leachate by alum and ferric chloride, in Proceeding of ICTX-2004 (10th international congress of Toxicology on 11-15 July 2004) in Tampere, Finland
95. **Z.Yousefi**, M.Younesian and K. Rezaie, Nosocomial infections and misuse of antibiotics in a Golestan Province Hospital, north of Iran, in Proceeding of :13<sup>th</sup> ECCMID,Glasgow/UK, May 10-13,2003
96. **Z.Yousefi**, C. M. Davies, & H. J. Bavor , Bacteriophage technique for assessing viral removal in constructed wetland and detention pond systems , in Proceeding of : Xth international congress of bacteriology and applied microbiology , 27 Jul to 1 Aug. 2002 , Paris , France
97. A.Mohseni-Bandpi , **Z.Yousefi** , A.Mesdaghinia & M.Giaseddin , Role of Iris Pseudacorus plant in removal of bacteria in subsurface constructed wetland , in Proceeding of : Xth international congress of bacteriology and applied microbiology , 27 Jul to 1 Aug. 2002 , Paris , France
98. A.M.Bandpi & **Z. Yousefi**., The performance of selector to solving bulking sludge problem in activated sludge process in: Sixth International Conference on Modeling, Measuring & prediction of water pollution, 17-19 Sep. 2001, Greece, Rhodes
99. **Z. Yousefi**, H. J. Bavor & Cheryl M. Davies ,Use of bacteriophages as a model for assay on removal of stormwater viral pollution in constructed wetland and detention pond systems, in: Sixth International Conference on Modeling, Measuring & prediction of water pollution, 17-19 Sep. 2001, Greece ,Rhodes
100. **Z. Yousefi**, and A.R Mesdaghinia, Application of Atmospheric Oxygen in removal of sulfide in tannery wastewater, The 2nd International Conference on environmental planning and Management (ICOEM - 92); Tarbiat Modarres University, Tehran, I.R.IRAN April 26 - 28, 1992
101. **Z. Yousefi**, and A. Esmaeeli, Application of coagulation in Textile industrial wastewater, The 2nd International Conference on environmental planning and Management (ICOEM - 92); Tarbiat Modarres University, Tehran, I.R.IRAN April 26 - 28, 1992

### **Congress Presentation:**

#### **National Congress**

لازم بذکر است ۷ مقاله ارائه شده در هیجدهمین کنفرانس ملی بهداشت محیط کشور (۱۳۹۴) و نیز ۱۳ مقاله در اولین همایش کشوری دانشجویی علوم بهداشتی کشور (ساری-۱۳۹۴) به لیست اضافه نشده است (جمعا ۲۰ مقاله) که بایستی به این بخش اضافه شود که در نسخه بعدی از CV اضافه می شود.

102. **Zabihollah Yousefi**, Aman Mohammad Gharanjik, Behnaz Amanpour, Landfill Site Selection for solid waste based on the geomorphologic features using geographical information system (GIS) - (A case study in Gonbad City, northern Iran), Gilan, Shahrak Saheli Bandar Anzali, 2012, 30 Oct.-1 Nov.
103. **Zabihollah Yousefi**, Said Mojtaba Hoseini, Evaluation of central landfill site of solid waste in Eastern zone of

Golestan Province in 2010-2011 based on Oleckno Index, Gilan, Shahrak Saheli Bandar Anzali, 2012, 30 Oct.-1 Nov.

104. **Zabihollah Yousefi**, A. Mashayekh Salehi, R. Mohammadpour Tahmtan, A survey on removal of heavy metals (Pb, Hg, Cr+6, Cd) by hybrid constructed wetland from wastewater in Mazandaran University of medical science, Gilan, Shahrak Saheli Bandar Anzali, 2012, 30 Oct.-1 Nov.
105. **Z. Yousefi**, Health Hazards in Effluent Reuse for Irrigation in Agriculture and the Management, Tehran, Academy of Sciences Islamic Republic of Iran, October 4, 2012, P. 7.
106. V. Gholami, **Z. Yousefi**, Water quality studies for risk zoning of water pollution in Haraz rivers, Shomal nonprofit University in Amol, Shomal, June 29, 2012.
107. **Z. Yousefi**, Decentralized wastewaters in Mazandaran and Health threat to residents, Proceeding of the Second National Seminar of Health Promotion Strategies and Challenges, Nov. 2011, Sari, Iran, p.150.
108. **Z. Yousefi**, The threat of water resources in the Mazandaran, the main challenge in the health of residents, Proceeding of the Second National Seminar of Health Promotion Strategies and Challenges, Mazandaran University of Medical Sciences, Sari- Iran, Nov. 2011. , Sari, Iran, p.151.
109. **Z. Yousefi**, Environmental Health in Quranic culture, Proceeding of the National Conference on: "The Quran and Health", Mazandaran University of Medical Sciences, Sari- Iran, Nov. 2011. P.194.
110. **Z. yousefi**, R. Aghili, M.A. Zazoli, R. Mohamadpur, M. Ghorbanian alahabad, Survey of effect of fungi *Trichoderma viride* on color reduction in pulp and paper mill effluent , 14<sup>th</sup> national Congress on Environmental Health (NCEH), Nov. 2011, Yazd, Iran.
111. **Z. Yousefi** and M. Bahrami Zaman Abad, Household hazardous waste in the city of Sari, 14<sup>th</sup> national Congress on Environmental Health (NCEH), Nov. 2011, Yazd, Iran.
112. M.A.Zazouli, **Z. Yousefi**, A. Eslami, M. Bagheri Ardebilian, Assessment of Fenton, Photo-Fenton and Modified Fenton combined with coagulation flocculation pretreatment in landfill leachate treatment, 14<sup>th</sup> national Congress on Environmental Health (NCEH), Nov. 2011, Yazd, Iran
113. R. Yousefi, **Z. Yousefi**, Removal of Lignin and Phenol from Pulp and Paper Mill Effluent by Electrocoagulation, The 4<sup>th</sup> Conference & Exhibition on Environmental Engineering, Nov. 2010, Tehran-Iran.
114. **Z. Yousefi**, M. Valizadeh, Evaluation on Applied Nun-burning and Medical Waste Sterilization Methods in Mazandaran Province, 13<sup>th</sup> national Congress on Environmental Health (NCEH), 3-5 Nov. 2010, Kerman, Iran
115. **Z. Yousefi**, T. Amirian, S. Hoseindokht, S.R.Ghasemi, Quantity and Quality Evaluation of Infectious Solid Wastes in Health, Remedial, Clinical and Paraclinical Centers of Sari City, 2008, 13<sup>th</sup> national Congress on Environmental Health (NCEH), 3-5 Nov. 2010, Kerman, Iran
116. **Z. Yousefi**, S. Gholamipour, Z. Karimi , Evaluation and Quantitative Analysis of PAHs in Drinking Water of Five Cities in Mazandaran Province, 13<sup>th</sup> national Congress on Environmental Health (NCEH), 3-5 Nov. 2010, Kerman, Iran
117. **Z. Yousefi**, T. Khosravi, P. Ebrahimi, Evaluation and Comparison on Vermicomposting of Wastewater Treatment Plant Sludge and Mmunicipal Solid Wastes, 13<sup>th</sup> national Congress on Environmental Health (NCEH), 3-5 Nov. 2010, Kerman, Iran
118. **Z. Yousefi**, M. Vahedi, R. A. Mohammadpour, Survey on disinfection and de-parasite conditions of vegetables in Households of Fatemeieh Elementary School in Shirgah, 13<sup>th</sup> national Congress on Environmental Health (NCEH), 3-5 Nov. 2010, Kerman, Iran
119. H. Asgharnia, F.Sadighian, F.Jafarzadeh, Z.Shahandeh , **Z.Yousefi**. A.I.Amouei, Survey of Natural Treatment of Wastewater by Wetland, 13<sup>th</sup> national Congress on Environmental Health (NCEH), 3-5 Nov. 2010, Kerman, Iran
120. **Z. Yousefi**, A Successful Experiment on Design-operation an Industrial Wastewater Treatment Plant for Effluent Reuse in industry different usages, Proceeding of 2<sup>nd</sup> National Conf. on Water Reclamation and Effluent in Water Resource Management, Applications in Agriculture and Green Area, Sarvab Co., 19 Oct. 2010,P. 116, Mashhad,Iran.
121. **Z.Yousefi**, A.Yamani, A. Hamta, A survey on disinfection and de-parasite condition of raw vegetables in Kalaleh City, 2009, Proceeding of National conference on drinking and food safety, MAZUMS, 11-13 Oct. 2010, P.277, Sari-Iran
122. **Z.Yousefi**, R.Shahryari, A. Hamta, A survey on rate of consumers' satisfaction from drinking water quality in Sari City, Proceeding of National conference on drinking and food safety, MAZUMS, 11-13 Oct. 2010, P. 108, Sari-Iran
123. **Z.Yousefi**, S.Ramezani, A. Hamta, A survey on rate of consumers' satisfaction from drinking water quality in Galoogah City, Proceeding of National conference on drinking and food safety, MAZUMS, 11-13 Oct. 2010,P.109,



Sari-Iran

124. **Z. Yousefi**, Study and design of leachate treatment and Gaz extraction on landfill solid waste site, 2009, 5<sup>th</sup> National seminar on solid waste management in Mashhad, 2009.
125. **Z. Yousefi** and *Zazouli, M.A.*, Recycling and reuse of wastewater effluent: Historical, application and hazards. Presented in the first National Congress on water recycling in water sources management, May 2008, Mashhad, Iran.
126. **Z. Yousefi**, M.T.Hedayati, E. Elhami Rad, Study about the existence of saprophytic in drinking water of distribution network in Sari city in 1387, Proceeding of 12<sup>th</sup> National congress on Environmental Health on 3-5 Nov. 2009, p.850-855, Tehran, Iran
127. H.Ziaei hezarjaribi, **Z.Yousefi**, F. Talebi, A.Shahandeh, Study on the efficiency of wastewater treatment in elimination of parasites in two educational hospitals in Sari Township in 2007 , Proceeding of 11<sup>th</sup> National congress on Environmental Health on 28-30 Oct 2008, p.117, Zahedan, Iran
128. **Z. Yousefi**, E.Jokar-Sarhangi, V. Gholami, Haraz River and determination of its environmental condition by GIS, 10<sup>th</sup> National congress on Environmental Health on 30 Oct.-01 Nov. 2007, Hamadan, Iran
129. **Z. Yousefi**, M. Vaezzadeh, A.I.Amouei, H. Asgharnia, A. Nemati, Vermicomposting of solid waste in Mazandaran Province, 10<sup>th</sup> National congress on Environmental Health on 30 Oct.-01 Nov. 2007, Hamadan, Iran
130. **Z. Yousefi**, S. Akbarpour, P. Ebrahimi, Evaluation of Cd and Cu heavy metal absorbance by Caspian sea macro algae, 9<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2006, Esfahan, Iran
131. **Z. Yousefi**, A. Sadeghi, M. Dadvand, Microbiological and physicochemical evaluation of Mashhad swimming pool water, 9<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2006, Esfahan, Iran
132. **Z. Yousefi**, O. Amiri Rad, Qualitative evaluation of dairy wastewater treatment plant of Paksar Co. in Sari city, 9<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2006, Esfahan, Iran
133. **Z. Yousefi**, S.Saheli, Evaluation of pollution and self-purification of Cheshmeh-Kileh River in Tonkabon City of Mazandaran Province, 9<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2006, Esfahan, Iran
134. **Z. Yousefi**, Z. Shokri, Comparison survey of P-A and MPN bacteriological Examination Methods, 9<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2006, Esfahan, Iran
135. **Z. yousefi**, A.A. Ghanbari, Evaluation on tea cups washing water contamination of traditional tea shops to fecal coliform in Sari City, 8<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2005, Tehran, Iran
136. **Z. yousefi**, F.Maadani, Evaluation of wastewater treatment system of a Cement factory, 8<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2005, Tehran, Iran
137. **Z. yousefi**, M. Ghoochani, A survey on coliform removal in university Hospitals wastewater treatment plants in Sari City, 8<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2005, Tehran, Iran
138. **Z.Yousefi**, M. Mardanshah, Evaluation of optimization plan in hospital wastewater treatment plant, 8<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2005, Tehran, Iran
139. **Z.Yousefi**, N. Nasiri, A Study on the microbiological condition of swimming pools in Sari for Staphylococcus Aureus contamination, in winter 2005, 8<sup>th</sup> National congress on Environmental Health on 7-9 Nov 2005, Tehran, Iran
140. **Z. Yousefi**, S. Ghorbanpoor, N. Mehrdadi and P. Ebrahimi, Heavy metal Contaminants (Cd, Cr, Pb, Ni) in Caspian Sea beaches water and sediments (North of Iran), The 2<sup>nd</sup> Iranian congress on Environmental Crises and Their Rehabilitation Methodologies on 24-26 Nov 2004, Ahvaz, Iran
141. A. Mohseni-Bandpei, M.A. Zazoli, **Z. Yousefi** and Gh. Kamrani, Water pollution in Caspian Sea swimming areas in Noor City and comparison to standards, The 2<sup>nd</sup> Iranian congress on Environmental Crises and Their Rehabilitation Methodologies on 24-26 Nov 2004, Ahvaz, Iran
142. **Z. Yousefi** and M. Ghomian, Nitrate evaluation in drinking water wells in Amol rural agricultural areas (North of Iran), 7<sup>th</sup> National congress on Environmental Health on 14-16 Sep 2004, Shahr e Kord, Iran
143. A. Mohseni-Bandpei, M.A. Zazoli, **Z. Yousefi** and Gh. Kamrani, Coliform indicator bacteria in Caspian Sea swimming areas in Noor City (North of Iran), 7<sup>th</sup> National congress on Environmental Health on 14-16 Sep 2004, Shahr e Kord, Iran
144. **Z. yousefi**, M.A. Zazoli, M. Azizi and S. Hedayati, Survey of compost production from domestic solids waste by aerobic method and earthworm and also effect of loading alternation, 6<sup>th</sup> National congress on Environmental Health on 22-24 Oct 2003, Mazandaran-Mahmoodabad, Iran
145. M.H.Abadi , A.R.Mesdaghinia, **Z.Yousefi**, Comparing of aerobic activated sludge attached & suspended growth system for wastewater treatment septic tank, 6<sup>th</sup> National congress on Environmental Health on 22-24 Oct 2003,

Mazandaran-Mahmoodabad, Iran

146. **Z. yousefi**, M.A. Zazoli and L. Shojaee, Solid wastes it's leachate evaluation in Babol City (North of Iran), 6<sup>th</sup> National congress on Environmental Health on 22-24 Oct 2003, Mazandaran-Mahmoodabad, Iran
147. H. Zayae, **Z. yousefi** and V. Moradi, Efficiency of domestical washing liquid and powder in isolation of parasites ova from vegetables, 6<sup>th</sup> National congress on Environmental Health on 22-24 Oct 2003, Mazandaran-Mahmoodabad, Iran
148. **Z. Yousefi**, Hospital Infection and Role of Environmental Engineering in Control, Seminar on the Hospital Infection in SARI, 1998,
149. **Z. Yousefi**, Bulking sludge and Role of selector in extended Aeration package plant, The third conference on the Survey of issues and challenges facing water & wastewater industry, 1997 – Isfahan
150. **Z. Yousefi**, Appropriate Technology for small Community wastewater Treatment and optimization of Extended Aeration package plant, The 2nd Congress on the water Sanitation, 1997, Khorram – Abad

## Research Works

151. **Z. Yousefi**, Bioremediation of Methyl Tertiary Butyl Ether (MTBE) by *Pseudomonas aeruginosa* , *Achromobacter* and *E.coli* in pure and mix culture
152. **Z. Yousefi**, Survey on physical, chemical and biological parameters of the industrial wastewater sludge (Case study in Babolsar
153. **Z. Yousefi**, Slaughterhouse wastewater treatment by combined anaerobic baffled reactor/ anaerobic filter processes and modified Constructed Wetlands (CWs)
154. **Z. Yousefi**, Biofloculant production , its effects on dewatering of sewage sludge
155. **Z. Yousefi**, Temporal and spatial variation of microbial and chemical quality in drinking water resources of Ilam city by using Geographic Information System (GIS)
156. RA Dianati, **Yousefi**, Jamshid Yazdani Cherati, Evaluation of Natural (Crude) and Citric Acid Modified Rice Straw for Removal of Pb (II) From Aqueous Solutions,
157. Mohammad Ali Zazouli, **Zabihollah Yousefi**, Jamshid Yazdani Cherati, Cadmium Removal from Aqueous Solutions using L-cysteine Functionalized Single-Walled Carbon Nanotubesti,
158. RamezanAli Dyanati, **ZabihAllah Yousefi**, Jamshid Yazdani Cherati, Investigating Phenol Absorption from Aqueous Solution by Dried Azolla,
159. Mohammad Ali Zazouli, **Zabihollah Yousefi**, Jamshid Yazdani Cherati, Evaluation of L-Cysteine Functionalized Single-Walled Carbon Nanotubes On Mercury Removal from Aqueous Solutions,
160. **Z. Yousefi**, Isolation, genetic identification, and degradation characteristics of phenanthrene degrading bacteria from contaminated areas
161. **Z. Yousefi**, Evaluation of dye removal from pulp and paper mill industrial wastewater by sludge bioabsorption in aerobic and anaerobic conditions
162. **Z. Yousefi**, Efficacy of Hybrid Constructed Wetland in Removing Plumb and Cadmium from Wastewater in the Campus of Mazandaran University of Medical Sciences,
163. **Z. Yousefi**, Selection of Solid Waste Landfill Site Using Remote Sensing and Geographical Information System: A Case Study in Gonbad-e Qabus,
164. **Z. Yousefi**, The efficiency of bivalve mollusk shell in removal of lead [Pb (II)]from aqueous solutions by central composite design model (CCD) and optimization of effective parameters,
165. **Z. Yousefi**, Quantitative and Qualitative Study of Urban Septage in East of Mazandaran and Administrative Approaches.
166. **Z. Yousefi**, Performance evaluation of subsurface artificial wetland with horizontal flow in wastewater treatment (Case report on the Complex Paradise of Mazandaran University of Medical Sciences),
167. **Z. Yousefi** & S.R.Aghili, Survey of effect of five fungi isolated from pulp and paper mill effluent on decolorization of wastewater,
168. **Z. Yousefi**, A. Mohseni-Bandpei, Survey of operation GAC-SBR combinative system on removal of dye from Mazandaran industrial textile effluent,

169. **Z. Yousefi** & M.A. Zazouli, Assessment of Fenton, Photo-fenton and Modified Fenton in Municipal Landfill Leachate Treatment ,
170. **Z. Yousefi** & M. A. Zazouli, Comparison evaluation of Anaerobic Baffled Reactor (ABR) and modified Anaerobic Baffled Reactor (ABR-AF) in municipal waste leachate treatment,
171. **Z. Yousefi**, Vermicomposting of Domestical solid wastes in Mazandaran Province,
172. **Z. Yousefi**, Vermicomposting of Chemical and biological sludge in Mazandaran Province,
173. **Z. Yousefi**, Quantity and quality Evaluation of Haraz River in Mazandaran Province and it's monitoring management based on GIS program,
174. **Z. Yousefi**, Quantity and quality Evaluation of Mazandaran Industrial Hazard Wastes according of a defined questionnaire, 2006-2007
175. **Z. Yousefi**, Evaluation of Nitrate in agricultural areas groundwater resource in Amol City,
176. **Z. Yousefi**, Evaluation of PAHs in drinking groundwater wells in Mazandaran,
177. **Z. Yousefi**, Bacteriological Evaluation of Swimming Pools in Sari City,
178. **Z. Yousefi**, Evaluation of Mazandaran Residential Earthworms in solid waste Vermicomposting,
179. **Z. Yousefi**, Trihalomethanes evaluation on drinking water reservoir tanks of 5 city in Mazandaran province,
180. H. Ziyae, **Z. yousefi** and V. Moradi, Efficiency of domestical washing liquid and powder in isolation of parasites ova from vegetables,
181. **Z. Yousefi**., Evaluation of Subsurface Wetland for municipal wastewater treatment (Ph.D. Thesis from 1997 - 2000).
182. **Z. Yousefi**., Mohseni - Bandpi A., Study and Design of sewer and wastewater treatment plant for University's Pardis, 1998
183. **Z. Yousefi**., Mohseni - Bandpei A., Study and Design of water treatment system for removal of High Turbidity and design of treatment plant for Asibsar - Kohestan (Rural community), 1998
184. **Z. Yousefi**., Mohseni - Bandpei A., Evaluation of Multipurpose system for household water treatment, 1997.
185. **Z. Yousefi**., Evaluation of Extended Aeration in scales of bench & package for wastewater Treatment in small community, 1996
186. **Z. Yousefi**., Application of physicochemical process in removal of sulfide in tannery wastewater, MSc Thesis, 1991-1992
  - a. Supervisor of 120 final research projects of B.Sc. students in field of Environmental Engineering especially on Water and Wastewater

## **Supervisor/Advisor of M.Sc. Theses:**

187. **Z. Yousefi**, Bioremediation of Methyl Tertiary Butyl Ether (MTBE) by *Pseudomonas aeruginosa* , *Achromobacter* and *E.coli* in pure and mix culture, (As Supervisor)
188. **Z. Yousefi**, Survey on physical, chemical and biological parameters of the industrial wastewater sludge (Case study in Babolsar, (As Supervisor)
189. **Z. Yousefi**, Slaughterhouse wastewater treatment by combined anaerobic baffled reactor/ anaerobic filter processes and modified Constructed Wetlands (CWs),(As Supervisor)
190. **Z. Yousefi**, Biofloculant production , its effects on dewatering of sewage sludge, (As Supervisor)
191. **Z. Yousefi**, Temporal and spatial variation of microbial and chemical quality in drinking water resources of Ilam city by using Geographic Information System (GIS),(As Supervisor)
192. **Z. Yousefi**, Isolation, genetic identification, and degradation characteristics of phenanthrene degrading bacteri from contaminated areas (As Supervisor)
193. **Z. Yousefi**, Evaluation of dye removal from pulp and paper mill industrial wastewater by sludge bioabsorption in anaerobic conditions (As Supervisor)
194. **Z. Yousefi**, The efficiency of bivalve mollusk shell in removal of lead [Pb (II)]from aqueous solutions by central

composite design model (CCD) and optimization of effective parameters, (As Supervisor)

195. RA Dianati, **Yousefi**, Jamshid Yazdani Cherati, Evaluation of Natural (Crude) and Citric Acid Modified Rice Straw for Removal of Pb (II) From Aqueous Solutions, (As Advisor).
196. Mohammad Ali Zazouli, **Zabihollah Yousefi**, Jamshid Yazdani Cherati, Cadmium Removal from Aqueous Solutions using L-cysteine Functionalized Single-Walled Carbon Nanotubesti, (As Advisor).
197. RamezanAli Dyanati, **ZabihAllah Yousefi**, Jamshid Yazdani Cherati, Investigating Phenol Absorption from Aqueous Solution by Dried Azolla, (As Advisor).
198. Mohammad Ali Zazouli, **Zabihollah Yousefi**, Jamshid Yazdani Cherati, Evaluation of L-Cysteine Functionalized Single-Walled Carbon Nanotubes On Mercury Removal from Aqueous Solutions, (As Advisor).
199. **Z.Yousefi**, S.R. Aghili, M. Ghorbanian, Survey of effect of five fungi isolated from pulp and paper mill effluent on decolorization of wastewater , (As Supervisor)
200. **Z. Yousefi**, A. Mohseni-Bandpei, R.Dianati-Tilaki, A. Maleki, R. A. Mohamadpur, E. Ghahrmani, Survey of operation GAC-SBR combinative system on removal of dye from Mazandaran industrial textile effluent, (As Advisor)
201. **Z. Yousefi**, M.A. Zazouli, A.Eslami, M. Bagheri-Ardebilian, Assessment of Fenton, Photo-fenton and Modified Fenton in Municipal Landfill Leachate Treatment , (As Supervisor)
202. **Z. Yousefi**, M. Ramezani, S. K. Akbari Mohammadi, Identification of Earthworm Species in Sari Township, (As Supervisor)
203. **Z. Yousefi**, M.S.Mortazavi, M. Noshadi, B. Nikpour, Survey of Sedimentaion and Crrosion Potential in Drinking water system of Behshar City, (As Advisor)
204. **Z.Yousefi**, A. Takdastan, R.Motalebi, Evaluation of physico-chemical, operational and maintenance parameters in water treatment using of revers osmosis (case study in jask city ). (As Supervisor)
205. **Z. Yousefi**, A.Mesdaghinia, M.H.Abadi, Comparing of aerobic activated sludge attached & suspended growth system for wastewater treatment septic tank, (As Advisor)

## **Publications**

### **Books:**

206. **Z.Yousefi**, A. Mashayekh-Salehi, P. Barari-Shamsabad, Y. Mahdavi, M. Barafrashteh-pour, Industrial Wastewater Treatment (Sources, Characteristics and Treatment) , Translated , 2013.
207. M.A. Zazouli, **Z. Yousefi**, Fundamentals of Membrane Processes and Application for water and wastewater treatment, Shahrab Publisher, Tehran. 2009
208. **Z. Yousefi**, A. Takdastan, R. Rafatpanah (translators), Wastewater Bacteriology, Editor by: Michael H. Gerardi, 2008
209. **Z. Yousefi** (translator), Simplified laboratory procedures for wastewater Examination (Manual of WPCF), 1993

## **Research Interests:**

210. Water and Wastewater treatment
211. Hazardous Waste Treatment
212. Composting and Vermicomposting of Solid Wastes
213. Environmental Microbiology
214. Environmental Biotechnology
215. GIS application in Environmental Health

## **Skills in Computer:**

Microsoft Office (Word, Excel, PowerPoint, ...)  
Eng. Software: EPANET2, LOOP4, BRANCH, SEWER, Sewer Cad 5.5, Modeling, GIS,  
Web Design Software (FrontPage, ...)  
Adobe Software Series (Photoshop, Acrobat ...)

**This CV updated in 2016, 19 Oct**