

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
Orcid ID	https://orcid.org/0000-0001-9251-2668
Homepage :	https://isid.research.ac.ir/Zabihollah_Yousefi
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)- 2002-2018.

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

Supervisor of Radon reference laboratory, 2012-onward

Advisor of Health system, water resource, drinking water, environmental health, 2000-onward

Scientific Experiences:

Researches mainly in the field of environmental sanitation, water quality and pollution control , Natural Treatment and biotechnology, Environmental Microbiology, wastewater treatment plant design, solid waste vermicomposting and leachate treatment and Radon related diseases monitoring and advisor of health system and environmental facilities.

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

Research and Teaching Experiences:

30 Years, from 1992 up to 2022 (onward), in the field of Environmental health and Engineering.

Honors and Awards:

Many awards received for different academic activities.

English Publications:

1. **Yousefi Z**, Batabi R, Ziaei Hezarjaribi H, Mousavi Nasab N. Survey on the quality of outlet biosolids and sludge heavy metals in the wastewater treatment plants of Mazandaran province. *Environ. Health Eng. Manag.* 2023; 10 (3) :281-291 URL: <http://ehemj.com/article-1-1150-en.html>
2. **Yousefi Z**, Babanejad E, Mohammadpour R, Esbokolaee H N. Evaluation of Cd phytoremediation by *Portulaca oleracea* irrigated by contaminated water. *Environ. Health Eng. Manag.* 2023; 10 (1) :67-73 URL: <http://ehemj.com/article-1-1070-en.html>
3. S Khanmohammadi, S Saeedi Moghaddam..., ..., **Yousefi, Z** ,et al -Burden of tracheal, bronchus, and lung cancer in North Africa and Middle East countries, 1990 to 2019: Results from the GBD study 2019, *Frontiers in Oncology*, 2023;vol 12, 1098218
4. KB Tran, JJ Lang, K Compton, R Xu, AR Acheson, HJ Henrikson, ..., **Yousefi, Z** ,et al. The global burden of cancer attributable to risk factors, 2010–2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet.* 2022; 400: 563-591
5. Farzadfar F., Naghavi M., Sepanlou S. G., Saeedi Moghaddam S., Dangel W. J., Davis Weaver N., , ..., **Yousefi, Z** ,et al.. (2022). Health system performance in Iran: a systematic analysis for the Global Burden of Disease Study 2019. *The Lancet.* 399:1625–1645. 10.1016/s0140-6736(21)02751-3.
6. JM Kocarnik, K Compton, FE Dean, ..., **Yousefi, Z** , et al. Cancer incidence, mortality, years of life lost, years lived with disability, and disability-adjusted life years for 29 cancer groups from 2010 to 2019: a systematic analysis for the Global Burden of Disease Study 2019, *JAMA Oncol*, 8 (2022), pp. 420-444
7. Al-Hajj, S., Farran, S.H., Sibai, A.M., ...Ziapour, A., Mokdad, A.H., ..., **Yousefi, Z** ,et al. Injury burden in individuals aged 50 years or older in the Eastern Mediterranean region, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019, *The Lancet Healthy Longevity*, 2022, 3(4), pp. e253–e262.
8. Tyrovolas, S., Stergachis, A., Krish, V.S., ...Kotsakis, G.A., Kassebaum, N.J., ..., **Yousefi, Z** ,et al. Global, regional, and national burden of diseases and injuries for adults 70 years and older: Systematic analysis for the Global Burden of Disease 2019 Study, *BMJ*, 2022, 376, 068208

9. Elysia MA, Lisa MF, Rixing X, Kelly C, Dan L, Hannah JH, ..., **Yousefi, Z**, et al. (GBD 2019 adolescent young adult cancer collaborators). The global burden of adolescent and young adult cancer in 2019: a systematic analysis for the global burden of disease study 2019. *Lancet Oncol.* (2022) 23:27–52. 10.1016/S1470-2045(21)00581-7.
10. Ilahabady A, **Yousefi Z**, Mohammadpour Tahamtan R A, Payandeh Sharif Z. Measurement of BTEX (benzene, toluene, ethylbenzene and xylene) concentration at gas stations. *Environ. Health Eng. Manag.*. 2022; 9 (1) :23-31
11. Zazouli, M.A., Hashempour, Y., **Yousefi, Z.**, Ala, A., Environmental factors affecting the incidence, infection and mortality rates of COVID-19: A systematic review, *Journal of Mazandaran University of Medical Sciences*, 2021, 31(202), pp. 179–195
12. Kinyoki, D., Osgood-Zimmerman, A.E., Bhattacharjee, N.V., ...Kassebaum, N.J., Hay, S.I., **Zabihollah Yousefi**,.... Anemia prevalence in women of reproductive age in low- and middle-income countries between 2000 and 2018, *Nature Medicinethis*, 2021, 27(10), pp. 1761–1782
13. Ebrahimi, H.; Aryan, Z.; Saeedi Moghaddam, S.; Bisignano, C.; Rezaei, S.; Pishgar, F.; Force, L.M.; Abolhassani, H.; Abu-Gharbieh, E.; Advani, S.M., ..., **Yousefi, Z**, et al. Global, regional, and national burden of respiratory tract cancers and associated risk factors from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019, *The Lancet Respiratory Medicine*, 2021, DOI: 10.1016/S2213-2600(21)00164-8
14. Paulson, K.R., Kamath, A.M., Alam, T., ...Wang, H., Kassebaum, N.J., **Zabihollah Yousefi**,.... Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019, *The Lancet*, 2021, 398(10303), pp. 870–905
15. Kendrick, P.J., Reitsma, M.B., Abbasi-Kangevari, M., ...Zuniga, Y.M.H., Gakidou, E., Kassebaum, N.J., **Zabihollah Yousefi**,.... Spatial, temporal, and demographic patterns in prevalence of chewing tobacco use in 204 countries and territories, 1990-2019: A systematic analysis from the Global Burden of Disease Study 2019, *The Lancet Public Health*, 2021, 6(7), pp. e482–e499
16. Sbarra, A.N., Rolfe, S., Nguyen, J.Q., ...Lim, S.S., Mosser, J.F., ...**Zabihollah Yousefi**...Mapping routine measles vaccination in low- and middle-income countries. *Nature*, 2021, 589(7842), pp. 415–419
17. Abbafati, C., Machado, D.B., Cislighi, B., ...Zheleva, B., Zhu, C., ...**Zabihollah Yousefi**..., Five insights from the Global Burden of Disease Study 2019, *The Lancet*, 2020, 396(10258), pp. 1135–1159
18. Ziaei Hezarjaribi H, **Yousefi Z**, Rahimi Esboei B. Efficiency of wastewater treatment plants in removal of intestinal parasites: A review approach. *Environ. health eng. manag.*. 2020; 7 (3) :171-181 URL: <http://ehemj.com/article-1-640-en.html> - web of science (ESCI)
19. A Etemadi, S Safiri, SG Sepanlou, K Ikuta, ...**Zabihollah Yousefi**... The global, regional, and national burden of stomach cancer in 195 countries, 1990–2017: a systematic analysis for the Global Burden of Disease study 2017, *The Lancet Gastroenterology & Hepatology*, 2020, 5 (1), 42-54.
20. Damaris K. Kinyoki, Jennifer M. Ross...**Zabihollah Yousefi**, ... Simon I. Hay, Mapping local patterns of childhood overweight and wasting in low- and middle-income countries

between 2000 and 2017, 2020, *Nature Medicine* 26, 750-759.

21. James SL, Castle CD, Dingels ZV, ..., **Zabihollah Yousefi**..., Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017, 2020 Oct, *Inj Prev*.;26(Supp 1):i96-i114. doi: 10.1136/injuryprev-2019-043494. Epub 2020 Apr 24.
22. Damaris K. Kinyoki, Jennifer M. Ross...**Zabihollah Yousefi** ... Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017, 2020, *Nature Medicine* 26, 750-759.
23. SL James, CD Castle, ZV Dingels, JT Fox, EB Hamilton, Z Liu, ...**Zabihollah Yousefi** ... Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study, 2020, *Injury prevention* 26 (Supp 1), i125-i153.
24. R Lozano, N Fullman, JE Mumford, M Knight, CM Barthelemy, C Abbafati,... **Zabihollah Yousefi**... Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990–2019: a systematic analysis for the Global ..., 2020, *The Lancet* 396 (10258), 1250-1284.
25. T Vos, SS Lim, C Abbafati, KM Abbas, M Abbasi, M Abbasifard,... **Zabihollah Yousefi**...Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019, 2020, *The Lancet* 396 (10258), 1204-1222.
26. H Wang, KM Abbas, M Abbasifard, M Abbasi-Kangevari, H Abbastabar, **Zabihollah Yousefi**...Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic ..., 2020, *The Lancet* 396 (10258), 1160-1203.
27. CJL Murray, AY Aravkin, P Zheng, C Abbafati, KM Abbas, **Zabihollah Yousefi**... Global burden of 87 risk factors in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019, 2020, *The Lancet* 396 (10258), 1223-1249.
28. **Z Yousefi**, A Zafarzadeh, RA Mohammadpour, E Zarei, N Mengelizadeh, Electrochemical removal of acid red 18 dye from synthetic wastewater using a three-dimensional electrochemical reactor, *Desalination and Water Treatment*, 2019, 165, 352-361
29. **Yousefi Z**, Zafarzadeh A, Mohammadpour Tahamtan R, Shokrzadeh M, Babanezhad arimi E, Fouladian A et al . Contamination Assessment and Zoning of Heavy Metals in Water and Sediment of Alagol Wetland, Iran 2017 . *J Mazandaran Univ Med Sci*. 2019; 29 (177) :180-194 (Persian).
30. Sherafat, S., Nemati Mansour, S., Mosaferi, M. Aminisani, N., Yousefi, Z. Maleki, S. First indoor radon mapping and assessment excess lifetime cancer risk in Iran, *MethodsX*, Volume 6, 2019, Pages 2205-2216.
31. Khani M, Mahvi A, Zazouli M, **Yousefi Z**, Dadban Shahamat Y. Investigating the treatment and mineralization of olive oil mill wastewater by using electrocoagulation

and novel various advanced oxidations: a kinetic study . *ijhe*. 2019; 12 (1):47-62 (Persian).

32. Hassanvand H, Dehghan N, Naddafi K, Hassanvand MS, Nabizadeh R, Faridi S, **Yousefi Z**. Measurement of radon concentration in indoor air of residential and public buildings in Nourabad Mammasani city and estimation of its effective dose. *Iranian Journal of Health and Environment*. 2019; 11(4):587-98. (Persian).
33. **Yousefi Z**, Sahebian H, Amouei A, Mohammadpour R A, Zarei E. Correction to: Investigation of Electrocoagulation Process Performance with DC Current in Treatment of Poultry Slaughterhouse Wastewater Using Aluminum Electrodes. *J Mazandaran Univ Med Sci*. 2019; 29 (174):183-184 (Persian).
34. **Yousefi Z**, Sahebian H, Amouei A, Mohammadpour R A, Zarei E. Process Performance with DC Current in Treatment of Poultry Slaughterhouse Wastewater Using Aluminum Electrodes. *J Mazandaran Univ Med Sci*. 2019; 29 (172), 53-66 (Persian).
35. M Malakootian, **Z Yousef**, Z Khodashenas Limoni, Removal of lead from battery industry wastewater by *Chlorella vulgaris* as green micro-algae (Case study: Kerman, Iran), *Desalination and water treatment* , 2019; 141, 248-255
36. Tabarinia H, Zazouli MA, **Yousefi Z**, Kalankesh LR and Charati JY. Response surface methodology, modeling to improve mercury removal from aqueous solutions using L-cysteine functionalized multi-walled carbon nanotubes, *Global NEST Journal*, 2019; Vol 21, No 1, pp 64-69.
37. **Zabihollah Yousefi** , Ali Zafarzadeh , Abdolaziz Ghezeli, Application of Taguchi's experimental design method for optimization of Acid Red 18 removal by electrochemical oxidation process, *Environmental Health Engineering and Management Journal* 2018, 5(4), 241–248.
38. **Zabihollah Yousefi**; Alireza Ala; Esmail Babanezhad; Reza Ali Mohammadpour, Evaluation of exposure to phthalate esters through the use of various brands of drinking water bottled in polyethylene terephthalate (PET) containers under different storage conditions, *Environmental Health Engineering and Management*, 2019-11-01
39. **Yousefi Z**, Babanezhad E, Mohammadpour R A, Ala A. Concentration of Phthalate Esters in Polyethylene Terephthalate Bottled Drinking Water in Different Storage Conditions. *J Mazandaran Univ Med Sci*. 2018; 28 (167) :110-120
40. **Zabihollah Yousefi**, Mohammad Behbodi , Reza Ali Mohammadpour, Slaughterhouse wastewater treatment by combined anaerobic baffled reactor and anaerobic filter: study of OLR and HRT optimization in ABR/AF reactors, *Environmental Health Engineering and Management Journal* 2018, 5(3), 137–142.
41. **Yousefi Z**, Ala A, Eslamifar M. Evaluation of the presence of coliform in bottled drinking water, released in Sari in 2016. *Environ. health eng. manag.*. 2018; 5 (3) :181-186. (ISI)
42. **Yousefi Z, Tahernezhad Z**, Mousavinasab S N, Safari R, Bekhradnia A. Bioremediation of methyl tertiary-butyl ether (MTBE) by three pure bacterial cultures. *Environ. health eng. manag.*. 2018; 5 (2) :123-128 (ISI).

43. Fatemeh Kariminejad, **Zabihollah Yousefi**, Jamshid Yazdani Cherat, Evaluation of COD, color and lignin removal from pulp and paper effluent by anaerobic sludge biosorption, *International Journal of Environmental Science and Technology*, April 2018, Volume 15, Issue 4, pp 719–732
44. **Yousefi Z**, Ziaei Hezarjaribi H, Mousavinasab N, Soltani A. Identifying Parasites in the Outlet Sludge of Industrial Wastewater Treatment Plant: A Case Study in Babolsar, Iran 2015 . *J Mazandaran Univ Med Sci*. 2018; 27 (156) :177-186.
45. **Yousefi Z**, Ala AR. Health Status of Mosques and Places of Worship and the Related Factors in Sari, 2016. *Religion and Health, Spring & Summer 2018*; 6(1): 46-53 (Persian)
46. Zeinab Tahernezhad , **Zabihollah Yousefi** , Nouraddin Mousavinasab, A survey on fluoride, nitrate, iron, manganese and total hardness in drinking water of Fereidonkenar, Northern Iran during 2008-2013, *J Adv Environ Health Res*, Vol. 4, No. 2, Spring 2016, 102-112.
47. **Zabihollah Yousefi**, Farzad Kazemi, Reza Ali Mohammadpour, Calcium and Magnesium in Ilam Drinking Water Sources during 2009-2013 using Geographic Information System (GIS), *Iranian Journal of Health, Safety & Environment*, 2017, Vol.4, No.1, pp.670-682.
48. **Z Yousefi**, H Sahebian, Assessment of chemical quality of drinking water in rural areas of Babol, Northern Iran, *Environmental Health Engineering and Management Journal* 2017, 4(4), 233–237.
49. **Z Yousefi**, MA Rostami -Quantitative and qualitative characteristics of hospital waste in the city of Behshahr-2016, *Environmental Health Engineering and Management Journal*, 4 (1), 59-64.
50. Al Amouei, **Z Yousefi**, T Khosravi, Comparison of vermicompost characteristics produced from sewage sludge of wood and paper industry and household solid wastes, *Journal of Environmental Health Science and Engineering*, 2017, 15 (1)1-6.
51. Malakootian, M. **Yousefi**, Z. Limoni, Z. K., Evaluation of copper removal from industrial sewages by the Green microalgae *Chlorella vulgaris*. *Journal of Gorgan University of Medical Sciences*, 2017, 18 (4), 74-79.
52. 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**).
53. Z Tahernezhad, **Z Yousefi**, N Mousavinasab, A survey 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**).
54. **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.
55. 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.
56. **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.
57. **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.

58. 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.
59. Balarak D, Dianati Tilaki RA, **Yousefi 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.
60. **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
61. **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.*
62. Mohsen-Bandpei A., **Yousefi Z.** Status of Water Quality Parameters along Haraz River, *Int. J. Environ. Res., 7(4):1029-1038, Autumn 2013.*
63. **Yousefi Z.** Tarassoli A., Nasirahmadi K., Yaghobzadeh 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.
64. **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
65. **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.
66. **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.*
67. 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.*
68. **Z. Yousefi**, A. Mohseni-Bandpei, Nitrogen and phosphorus removal from wastewater by subsurface wetlands planted with *Iris pseudacorus*, *Ecological Engineering* 36 (2010) 777–782.
69. 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*
70. 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
71. 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
72. **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
73. **Z. Yousefi**, M. Ramezani, S.Kh. Akbari Mohamadi, R.A. Mohammadpour, A. Nemat, Identification of Earthworms species in Sari Township in Northern Iran, 2007-2008. *Journal of Applied Sciences* 9 (20):3746-3751, 2009
74. **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
75. **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
76. **Z. Yousefi**, M.A. Zazouli, Misuse of Antibiotics in a Hospital, an Environmental Health, *World Applied Science Journal* 3(4):555-558, 2008
77. **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
78. 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

79. 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
80. **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
81. 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
82. **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:

83. **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).
84. 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.
85. **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).
86. 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).
87. 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.
88. **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).
89. **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).
90. Zazouli M A, **Yousefi Z**, Yazdani-Charati J, Mahdavi Y. Application of Azolla Filiculoides Biomass in Acid Black 1 Dye Adsorption from Aqueous Solution. Iran J Health Sci 2014; 2 (3) :24-32, URL: <http://jhs.mazums.ac.ir/article-1-202-en.html>
91. Diyanati RA, **Yousefi Z**, Cherati JY, Balarak D. Comparison of phenol adsorption rate by modified Canola and Azolla: Adsorption Isotherm and Kinetics Study. Journal of Health & Development. 2014;3;17-25. [Persian]
92. **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).
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203. M.H.Abadi, A.R.Mesdaghinia, **Z.Yousefi**, Comparing of aerobic activated sludge attached & suspended growth system for wastewater treatment septic tank, 6th National congress on Environmental Health on 22-24 Oct 2003, Mazandaran-Mahmoodabad, Iran
204. **Z. yousefi**, M.A. Zazoli and L. Shojaei, Solid wastes its leachate evaluation in Babol City (North of Iran), 6th National congress on Environmental Health on 22-24 Oct 2003, Mazandaran-Mahmoodabad, Iran
205. H. Zayaei, **Z. yousefi** and V. Moradi, Efficiency of domestical washing liquid and powder in isolation of parasites ova from vegetables, 6th National congress on Environmental Health on 22-24 Oct 2003, Mazandaran-Mahmoodabad, Iran
206. **Z. Yousefi**, Hospital Infection and Role of Environmental Engineering in Control, Seminar on the Hospital Infection in SARI, 1998,
207. **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
208. **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

More than 15 research contractor in the field of indoor radon monitoring (10000 samples from household building) from different province from 2013 until 2019 performed that have to add to this section.

209. **Z. Yousefi**, Bioremediation of Methyl Tertiary Butyl Ether (MTBE) by *Pseudomonas aeruginosa*, *Achromobacter* and *E.coli* in pure and mix culture
210. **Z. Yousefi**, Survey on physical, chemical and biological parameters of the industrial wastewater sludge (Case study in Babolsar)
211. **Z. Yousefi**, Slaughterhouse wastewater treatment by combined anaerobic baffled reactor/ anaerobic filter processes and modified Constructed Wetlands (CWs)
212. **Z. Yousefi**, Bioflocculant production, its effects on dewatering of sewage sludge
213. **Z. Yousefi**, Temporal and spatial variation of microbial and chemical quality in drinking water resources of Ilam city by using Geographic Information System (GIS)
214. RA Dianati, **Yousefi**, Jamshid Yazdani Cherati, Evaluation of Natural (Crude) and Citric Acid Modified Rice Straw for Removal of Pb (II) From Aqueous Solutions,
215. Mohammad Ali Zazouli, **Zabihollah Yousefi**, Jamshid Yazdani Cherati, Cadmium Removal from Aqueous Solutions using L-cysteine Functionalized Single-Walled Carbon Nanotubes,
216. RamezanAli Dyanati, **ZabihAllah Yousefi**, Jamshid Yazdani Cherati, Investigating Phenol Absorption from Aqueous Solution by Dried Azolla,
217. Mohammad Ali Zazouli, **Zabihollah Yousefi**, Jamshid Yazdani Cherati, Evaluation of L-Cysteine Functionalized Single-Walled Carbon Nanotubes On Mercury Removal from Aqueous Solutions,

218. **Z. Yousefi**, Isolation, genetic identification, and degradation characteristics of phenanthrene degrading bacteria from contaminated areas
219. **Z. Yousefi**, Evaluation of dye removal from pulp and paper mill industrial wastewater by sludge bioabsorption in aerobic and anaerobic conditions
220. **Z. Yousefi**, Efficacy of Hybrid Constructed Wetland in Removing Lead and Cadmium from Wastewater in the Campus of Mazandaran University of Medical Sciences,
221. **Z. Yousefi**, Selection of Solid Waste Landfill Site Using Remote Sensing and Geographical Information System: A Case Study in Gonbad-e Qabus,
222. **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,
223. **Z. Yousefi**, Quantitative and Qualitative Study of Urban Septage in East of Mazandaran and Administrative Approaches.
224. **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),
225. **Z. Yousefi** & S.R.Aghili, Survey of effect of five fungi isolated from pulp and paper mill effluent on decolorization of wastewater,
226. **Z. Yousefi**, A. Mohseni-Bandpei, Survey of operation GAC-SBR combinative system on removal of dye from Mazandaran industrial textile effluent,
227. **Z. Yousefi** & M.A. Zazouli, Assessment of Fenton, Photo-fenton and Modified Fenton in Municipal Landfill Leachate Treatment ,
228. **Z. Yousefi** & M. A. Zazouli, Comparison evaluation of Anaerobic Baffled Reactor (ABR) and modified Anaerobic Baffled Reactor (ABR-AF) in municipal waste leachate treatment,
229. **Z. Yousefi**, Vermicomposting of Domestic solid wastes in Mazandaran Province,
230. **Z. Yousefi**, Vermicomposting of Chemical and biological sludge in Mazandaran Province,
231. **Z. Yousefi**, Quantity and quality Evaluation of Haraz River in Mazandaran Province and its monitoring management based on GIS program,
232. **Z. Yousefi**, Quantity and quality Evaluation of Mazandaran Industrial Hazard Wastes according of a defined questionnaire, 2006-2007
233. **Z. Yousefi**, Evaluation of Nitrate in agricultural areas groundwater resource in Amol City,
234. **Z. Yousefi**, Evaluation of PAHs in drinking groundwater wells in Mazandaran,
235. **Z. Yousefi**, Bacteriological Evaluation of Swimming Pools in Sari City,
236. **Z. Yousefi**, Evaluation of Mazandaran Residential Earthworms in solid waste Vermicomposting,
237. **Z. Yousefi**, Trihalomethanes evaluation on drinking water reservoir tanks of 5 city in Mazandaran province,
238. H. Ziyadeh, **Z. Yousefi** and V. Moradi, Efficiency of domestic washing liquid and powder in isolation of parasites ova from vegetables,
239. **Z. Yousefi**., Evaluation of Subsurface Wetland for municipal wastewater treatment (Ph.D. Thesis from 1997 - 2000).
240. **Z. Yousefi**., Mohseni - Bandpi A., Study and Design of sewer and wastewater treatment plant for University's Pardis, 1998
241. **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
242. **Z. Yousefi**., Mohseni - Bandpei A., Evaluation of Multipurpose system for household water treatment, 1997.
243. **Z. Yousefi**., Evaluation of Extended Aeration in scales of bench & package for wastewater Treatment in small community, 1996
244. **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:

245. **Z. Yousefi**, Bioremediation of Methyl Tertiary Butyl Ether (MTBE) by *Pseudomonas aeruginosa* , *Achromobacter* and *E.coli* in pure and mix culture, (As Supervisor)
246. **Z. Yousefi**, Survey on physical, chemical and biological parameters of the industrial wastewater sludge (Case study in Babolsar, (As Supervisor)
247. **Z. Yousefi**, Slaughterhouse wastewater treatment by combined anaerobic baffled reactor/ anaerobic filter processes and modified Constructed Wetlands (CWs),(As Supervisor)
248. **Z. Yousefi**, Biofloculant production , its effects on dewatering of sewage sludge, (As Supervisor)
249. **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)
250. **Z. Yousefi**, Isolation, genetic identification, and degradation characteristics of phenanthrene degrading bacteria from contaminated areas (As Supervisor)
251. **Z. Yousefi**, Evaluation of dye removal from pulp and paper mill industrial wastewater by sludge bioabsorption in anaerobic conditions (As Supervisor)
252. **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)
253. 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).
254. Mohammad Ali Zazouli, **Zabihollah Yousefi**, Jamshid Yazdani Cherati, Cadmium Removal from Aqueous Solutions using L-cysteine Functionalized Single-Walled Carbon Nanotubesti, (As Advisor).
255. RamezanAli Dyanati, **ZabihAllah Yousefi**, Jamshid Yazdani Cherati, Investigating Phenol Absorption from Aqueous Solution by Dried Azolla, (As Advisor).
256. 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).
257. **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)
258. **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)
259. **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)
260. **Z. Yousefi**, M. Ramezani, S. K. Akbari Mohammadi, Identification of Earthworm Species in Sari Township, (As Supervisor)
261. **Z. Yousefi**, M.S.Mortazavi, M. Noshadi, B. Nikpour, Survey of Sedimentation and Corrosion Potential in Drinking water system of Behshar City, (As Advisor)
262. **Z. Yousefi**, A. Takdastan, R.Motalebi, Evaluation of physico-chemical, operational and maintenance parameters in water treatment using of reverse osmosis (case study in Jask city). (As Supervisor)
263. **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:

1. N. Jaafarzadeh Haghghi Fard, **Z. Yousefi**, Y. Hashempour, M. Panahi Fard, (translators), *Viral Pollution of the Environment*, Ava publisher, 2022.
2. **Z. Yousefi**, S. Dehghan, A. Ala (translators), *Microplastics in Drinking Water*, WHO, 2019, Telajen, 2021.
3. **Z. yousefi**, F.S.Mostafavi Neishabouri, R.Yousefi, *Anaerobic WasteWastewater Treatment and Biogas Plants*, translated, 2020.
4. N.Jafarzadeh, Y.Hashempour, H.Jabbari, **Z. Yousefi**, A.Zahedi, *The Coronavirus Prevention Handbook*, translated, 2020
5. N.Jafarzadeh, **Z. Yousefi**, M.Panhi Fard, P.Bashardoost, *Severe Acute Respiratory Infection Treatment Center (SARI)*. translated, 2020.
6. **Z. yousefi**, A. Mashayekh-Salehi, A. SALIM PANAHI, A.A.Ghezel, J.Kazemitabar, *Textile industry wastewater treatment*, translated , 2018
7. **Z. Yousefi**, A. Mashayekh-Salehi, P. Barari-Shamsabad, Y. Mahdavi, M. Barafraشته-pour, *Industrial Wastewater*

Treatment (Sources, Characteristics and Treatment) , Translated , 2013.

8. M.A. Zazouli, **Z. Yousefi**, Fundamentals of Membrane Processes and Application for water and wastewater treatment, Shahrab Publisher, Tehran. 2009
9. **Z. Yousefi**, A. Takdastan, R. Rafatpanah (translators), Wastewater Bacteriology, Editor by: Michael H. Gerardi, 2008
10. **Z. Yousefi** (translator), Simplified laboratory procedures for wastewater Examination (Manual of WPCF), 1993

Research Interests:

11. Diseases related to Radon and water pollution control and all environmental health systems
12. Radon monitoring and adviser and supervisor of their projects
13. Water pollution monitoring and control
14. Hazardous Waste Treatment
15. Composting and Vermicomposting of Solid Wastes
16. Environmental Microbiology
17. Environmental sanitation and Environmental Biotechnology
18. Monitoring in Environmental Health systems

Skills in Computer:

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

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Only journal published papers updated.