

CV,

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Current position: Professor

Department of Environmental Health Engineering

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Education:

- PhD of Environmental Health Engineering, School of Public Health, Isfahan Medical Sciences University, Isfahan, Iran (2001 – 2006).
- Research assistant in the Department of Marine Sciences and Technology, Newcastle Upon Tyne University. UK (England) 2005, as a part of my PhD course.
- MSc of Environmental Health Engineering, Tehran Medical Sciences University, Tehran, Iran (1998-2001).
- BSc of Environment Health, Hamedan Medical Sciences University, Hamedan, Iran (1996 – 1998).

Honors and Awards

- Honorary research assistant in the Department of Marine Sciences and Technology, Newcastle Upon Tyne University. UK (England) 2005.
- Health Ministry Scholarship for advance education toward a PhD in Environmental Health Engineering in Isfahan Medical Sciences University (2001).
- Ranking first and second respectively in the National Examination, taken by Ministry of Health for MSc and PhD studies in Environmental Health Engineering (1998 and 2001)

- First class honors in BSc, MSc and PhD studies, Hamedan Medical Sciences University, Hamedan, Iran. Tehran University of Medical Sciences, Tehran, Iran Isfahan Medical Sciences University, Isfahan, Iran respectively.
- Selection by health ministry as one of young best researchers in Iran (2008).
- Selection by Iranian Environmental Health Association (IAEH) as second in scientific article publication part in 2010.

Language:

- **English**
Professional proficiency
- **Persian**
Native or bilingual proficiency
- **Azerbaijani (Turkish)**
Native or bilingual proficiency

Experiences

Research Experience

- Municipal and industrial solid waste management
- Medical and health-care waste management.
- Hazardous waste management.
- Plastic and Microplastics in environment
- Air pollution management and emerging technology in air pollution control.
- Environmental pollution

Teaching Experience for Ph.D., MSc and bachelor students for 16 years for below courses:

- Waste Management.
- Hazardous waste management
- Medical and health care waste management
- Air pollution control.

- Air pollution management
- Application of biotechnology in environment

Work Experience

1. Professor of Tabriz Medical Sciences University, Tabriz, Iran (at present).
2. Head of School of Public Health of Tabriz Medical Sciences University, Tabriz, Iran (March 2018 to January 2022).
3. Head of Department of Environmental Health Engineering of Tabriz Medical Sciences University, Tabriz, Iran (2012-2017)
4. Manager of project of medical solid waste management of Tabriz city.
5. Manager of project of “Survey of heavy metals presence in soil, irrigation water and agricultural crops (vegetables) of suburban areas of Tabriz city”.
6. Manager of project of “Integrated survey on waste of Gas Company of East Azerbaijan province and developing software for managing of wastes”.
7. Manager of project of “Survey of electronical waste management in Iran, and presenting of managing principals according to the environmental and health aspects”
8. Manager of project of “Evaluation of nitrate daily intake in Parsabad Moghan and Varzeqan citys and its relationship with the prevalence of gastrointestinal cancers”
9. Manager of project of “Integrated solid waste management in the Osku, Azarshar and Khosroshar cities”
10. Manager of project of ” Comparison of performance of On-site and Off-site treating systems of medical waste in Iran and presenting some performance enhancing strategies”
11. Manager of project of “Determination of mercury in compact fluorescent lamps and survey of their waste management and disposal in Iran, and presenting of managing principals according to the innovative environmental and economic aspects”
12. Manager of project of “Survey on construction and demolition waste management in Tabriz city and presenting environmental and healthy methods for disposal of them”
13. Manager of project of “Survey of fluoride concentration and health effects in the village drinking water source of Makoo and Poldasht county and pollution zonation of fluoride by GIS”

14. Manager of project of “Qualitative and quantitative identification and the management condition of used batteries and presenting of managing principals according to the environmental and health aspects”
15. Manager of project of “Survey the reasons of people's willingness to use bottled water due to health and environmental effects associated with disposal of their bottles”
16. Co-Manager of project of “Survey on quantity and management condition of end-of-life tires, and presenting of managing principals according to the environmental and health aspects in Iran: Case Study in Tabriz”
17. Manager of project of “Investigating the challenges of municipal solid waste management in Iran from the experts’ perspective”
18. Manager of project of “Survey on End-of-Life Vehicles management and disposal, environmental and economic in Iran
19. Consultant and major colleague of project of ” Climate change effect on leachate generation of Tabriz landfill and water resource pollution; providing leachate control strategies”
20. Consultant and major colleague of project of “Biomonitoring and phytoremediation of heavy metals and salt particles emitted from Uremia Lake using adjacent native trees”
21. Manager of project of “Study of Some HSE Indicators among Uremia Municipal Waste Management Employees”
22. Manager of project of “Technical and economic assessment of application incinerator compared to with other methods of waste disposal in Iran, using AHP method”
23. Manager of project of “Survey amounts used oils in Iran, and presenting of managing principals according to the environmental and health aspects”
24. Manager of project of “Estimation of the quantity of plastics entering to the Caspian Sea and investigation of microplastic distribution in southern coasts sediments”
25. Manager of project of “The assessment of the health and environmental effects of paper bills removal”.
26. Manager of project of “Survey on Arak city waste management system and presenting corrective management solutions”.
27. Manager of project of “The survey of status of using Single-use plastic shopping bags in Tabriz and providing a management solutions to improve the current situation”.

28. Consultant and major colleague of project of “Life cycle assessment and systems dynamics model for simulating energy, carbon and water footprints in fuel consumption in public transportation in Tabriz metropolitan” (Not finished)
29. Manager of project of “Investigation of microplastics in table salt (table salt) in Iran and estimation of its daily intake” (Not finished).
30. The main collaborator of project of “Investigation of microplastics in the drinking water distribution network system of Zahedan city and estimation of its daily intake by citizens” (Not finished).
31. Manager of project of “Survey of microplastics in water and sediments of the Aras River and ecological risk assessment at the border of Iran” (Not finished).
32. Manager of project of “Investigating the amounts and distribution of microplastics in the surface soil around the landfill site of Tabriz city “(Not finished).
33. Manager of project of “Comparison of energy subsidies payment scenarios considering the related health, environmental and economic effects using AHP method” “(Not finished).

Research Interest

- Municipal, industrial, hazardous and medical and health care waste management.
- Waste minimization, reduction recycling
- Environmental Impact Assessment of solid waste landfill sites
- Microplastics in environment (water, sediments, soil, air, food and drinks)
- Air pollution management and emerging technologies in air pollution control.

Internal Presentation:

- 1- **Taghipour, H.**, Shahmansoury M.R., Bina B., Movahdian H., Biological removal of ammonia from contaminated air streams using a three stage biofiltration system. 9rd congress of Environmental Health Engineering. 2006, Isfahan, Iran. (Oral presentation).
- 2- **Taghipour, H.**, Shahmansoury M.R., Bina B., Movahdian H., Biological treatment of ammonia and hydrogen sulfide mixture from contaminated air streams using a biofiltration system. 3rd national congress on Civil Engineering. 2007, Tabriz, Iran. (Oral presentation).

- 3- **Taghipour, H.**, Mosaferi, M., Izadi, F. Study of quality and quantity of medical waste in Tabriz city. 11rd congress of Environmental Health Engineering. 2008, Zahedan, Iran. (Oral presentation).
- 4- Mosaferi, M., Badlou, M., **Taghipour, H.**, Javan pour, Mohammad pour, A. Survey of Heterotrophic bacteria in Tabriz city drinking water. 12rd congress of Environmental Health Engineering. 2009, Tehran, Iran.
- 5- Mosaferi, M., **Taghipour, H.**, Aslhashemi, A. Environmental aspects of Stone Cutting Industries Solid Wastes of: A case study. 5rd congress of Solid waste management. Municipality organization of Iran. 2009. Mashad. Iran.
- 6- **Taghipour, H.**, Mosaferi, M., Torabi, H. Survey of heavy metals (Cd and Pb) presence in soil, of suburban areas of Tabriz city. 12th Iranian Soil Science Congress. Tabriz University. 2011. Tabriz .Iran.
- 7- Parisa Pashmtab, Hassan Taghipour, Abdolreza Shaghaghi, Asghar Mohammadpoorasl. Tendencies towards bottled drinking water consumption: Challenges ahead of polyethylene terephthalate (PET) waste management. 7th Ecological congress of sustainable energy and natural resources. 2018. Tehran, Iran.
- 8- **Taghipour H**, Mohammadi Sh, Aslani H, Ravosh M. Jafarabadi, M.A. Survey of heavy metals in used batteries in the nunicipal solid waste stream. 7th Ecological congress of sustainable energy and natural resources. 2018. Tehran, Iran.
- 9- Taghipour H, Mohammadi Sh, Aslani H, Ravosh M. Jafarabadi, M.A. Used Batteries in the Municipal Solid Waste Stream: Management: presenting some strategies for improvement of current conditions. 7th Ecological congress of sustainable energy and natural resources. 2018. Tehran, Iran.
- 10- Mehdi Ghayebzadeh, Hassan Taghipour, Hassan Aslani. Estimation of amounts of plastic input to the Caspian Sea. 1th national of Plastic and Environment. 2021. Yazd, Iran.
- 11- Vahid Farahani, Hassan Taghipour, Hassan Aslani. Evaluation of Arak city waste management system. 7th International Conference on Environmental Engineering and Natural Resources. 2021. Tehran, Iran.
- 12- Seyedeh Maryam Seyed Mousavi, Nasim Zolfaghari, Hassan Taghipour. A review of microplastics pollution in freshwater systems in Iran. 6th International and 25th National Conference on Environmental Health. 2022. Ahwaz, Iran.
- 13- Mehdi Ghayebzadeh, Hassan Taghipour. Amounts of plastic input to the Persian Gulf and the Gulf of Oman. 6th International and 25th National Conference on Environmental Health. 2022. Ahwaz, Iran.

International Presentation:

- 1- **Taghipour, H.**, Mosaferi, M. **Management of Medical Waste in Northwest Iran-Tabriz**, International Conference on Health and the Changing World to be held on November 10-13, 2008 **.Bangkok, Thailand. (Oral presentation)**
- 2- Mosaferi, M., **Taghipour, H.** Heavy metals presence in waste of stone cutting industry. International Conference on Health and the Changing World to be held on November 10-13, 2008 **.Bangkok, Thailand. (Oral presentation)**
- 3- **H. Taghipour**, M. Assadi, F. Khodaei, B. Mardangahi, M. Mosaferi, A. Asl Hashemi, Characterization of Gas Distribution Companies Waste and Presenting Managing Strategies: A Case Study in East Azerbaijan Gas Company, Iran. EurAsia Waste Management Symposium, 14-16 November 201, Halic Congress Center, İstanbul, Turkey

Publication:

A: Books published in Persian language:

- 1- **Taghipour, H.**, Medical and health care waste management. Tabriz Medical Sciences University publication. 2009.

B: Papers published in Persian language:

- 1- Eslami, A., Izanlou, H., **Taghipour, H.** 2000. Acid rains. Journal of Water and Environment.
- 2- Nadafi, K., **Taghipour H.**, Mahvi, H., Shariat, M. 2000. Survey of toxicity of chrome containing wastewater by Daphnia Magna. Journal of environment and human. No 9.
- 3- Bina B., **Taghipour, H.**, Parvarsh A. 2005. Comparison of commercial activated carbon and cocoanut activated carbon in removing of organic dyes. Journal of Health. No 1.

- 4- Mosaferi M., Fahiminia M., **Taghipour, H.** 2007. Environmental Management of Solid Wastes of Stone Cutting Industries: Pilot Study of Qom Province, Journal of Environment Sciences and Technology, Volume 9, Number2, summer
- 5- Mosaferi, M., **Taghipour, H.**, Hassani, A.M., Borghei, M., Kamali, Z., Ghadirzadeh, A. 2008. A Study of Arsenic Presences in Drinking water Sources: A Case Study. Iran. J .Health & Environ, Vol.1, No.1.
- 6- Mosaferi, M., **Taghipour, H.** 2008. Ostadrahimi, A. Microbiological and Chemical Quality of Water in Food Industries in East Azarbaijan Provinces. J .Health & Environ, Vol.1No.2.
- 7- Mosaferi, M., **Taghipour, H.**, Shker khatibi, M. 2010. Chemical Analysis of water used in Food and Drinking Industries; a Case study in the North Waste of Iran. A Quarterly Publication of the Application of Chemistry in Environment. Vol.1, No.3.
- 8- **Taghipour, H.**, Shahmansoury M.R., Bina B., Movahdian H. 2010. Biodegradation of H₂s and NH₃-laden air stream using compost- pieces of hard plastics filter media. A Quarterly Publication of the Application of Chemistry in Environment. Vol.1, No.4.
- 9- Aslhashemi, A., **Taghipour, H.** 2010. Water Quality Index. A Quarterly Publication of the Application of Chemistry in Environment. Vol.1, No.4.
- 10- **Taghipour, H.**, Shahmansoury, M.R., Bina, B., Movahdian, H. 2012. Biodegradation of mixture of H₂S and NH₃-laden air stream using compost-pieces of hard plastics filter media. A Quarterly Publication of the Application of Chemistry in Environment. Vol.1, No.4.
- 11- Mehdinai, S.M., Latif, P.A., **Taghipour, H.** 2012. Relationship between Pressure Drop and H₂S Elimination Capacity and Mass Loading Rates in Bifiltration Using Activated Sludge and Mixed Activated Sludge and Rice Husk Silica. A Quarterly Publication of the Yazd School of Public Health. Vol.32, No.3-4.
- 12- Aslhashemi, A., Dehghanzadeh, R. **Taghipour, H.**, Gasemzadeh, V.2012. Evaluation of Chemical and Microbial Water Quality in Public Swimming Pools and Jacuzzis in Tabriz. Medical journal of Tabriz Medical Sciences University. Vol.33, No.6.

- 13- Mehdinai, S.M., Latif, P.A., **Taghipour, H.** 2012. Investigation of the capability of regenerated rice husk silica to remove hydrogen sulfide pollution. *Koomesh*. Vol.14, No.1.
- 14- **Taghipour, H.**, Aslhashemi, A., Mohammadpoorasl, A. 2012. Training and Monitoring of Hospitals Staffs Concerning Proper Medical Waste Management. Vol.34, No.4.
- 15- Mosaferi, M., Rasolzadeh, Y., Nazari, J., **Taghipour, H.**, Dianat, Y. 2012. Study of Noise Pollution in Downtown Area of Tabriz during Heavy Traffic Times. *The Journal of Tabriz University of Medical Sciences*. Vol.34, No.4.
- 16- **Taghipour, H.**, Nowrouz, P., Dastgiri Mehri, S., Bafandeh, Y., Mahdavi, R., Hashemimajid. 2014. Estimating of Dietary Nitrate Consumption in Two Cities of Varzaghan and Parsabad with Different Occurrence of Gastric Cancer. *Journal of Ardabil University of Medical Sciences*. Vol.14, No.3, Pages 266-273.
- 17- Aida Ejlali, A., **Taghipour, H.**, Khashabi, E. 2015. The study of fluoride level in drinking water villages of Makoo, in 2014. *The Journal of Urmia University of Medical Sciences*, Vol. 26(9).754-763.
- 18- Aslani, H. **Taghipour, H.**, Amjad, Z., Taghizadeh, R., Dehghanzadeh, R. 2016. Estimation of Appropriate Management Scenarios for Solid Waste Generated in Small Cities: A Case Study. *Journal of Health*. Vol. 7, No. 5, , Pages 629- 642.
- 19- Gholampour, A., Nabizadeh, R., Hassanvand, M.S., **Taghipour, H.**, Faridi, S., Mahvi, A.H. 2015. Investigation of the ambient particulate matter concentration changes and assessing its health impacts in Tabriz. *Iran. J. Health & Environ*. Vol. 7, No. 4. 541-556.
- 20- Ghayebzadeh M, Aslani H, **Taghipour H**, Comparative Evaluation of the Application of Incineration Technologies and Other Waste Disposal Methods in Iran Using the Analytical Hierarchy Process (AHP). *Journal of Health*. Vol. 12, No. 2, summer 2021, Pages 153-166.
- 21- **Hassan Taghipour** , Seyedeh Maryam Seyed Mousavi. Investigating and Presenting the Optimal Alternative for Managing and Disposing Landfill Leachate in Iran Using the Analytical Hierarchy Process. *Depiction of Health*. 2022;13(4): 436-452.

- 22- **Hassan Taghipour**, Mehdi Ghayebzadeh, Hassan Aslani, Neda Gilan. Investigating the Quantity of Used Oil Produced by Motor Vehicles in Iran and Providing Management Solutions Based on Health and Environmental Principles. *Depiction of Health*. 2023;14(1): 36-53.

C: Papers published in English language:

- 1- **Taghipour, H.**, Shahmansoury, M.R., Bina, B., Movahdian, H. 2006. Comparison of the biological NH₃ removal characteristics of a three-stage biofilter with a one-stage biofilter, *International Journal of Environmental Science and Technology (IJEST)* ,3 (4): 417-424.
- 2- **Taghipour, H.**, Shahmansoury, M.R. Bina, B. Movahdian, H., 2008. Operational parameters in biofiltration of ammonia-contaminated air streams using compost-pieces of hard plastics filter media. *Chemical Engineering Journal* 137, 198- 204.
- 3- **Taghipour, H.**, Mosaferi, M. 2009. Characterization of medical waste from hospitals in Tabriz, Iran. *Science of the Total Environment*. 407, 1527-1535.
- 4- **Taghipour, H.**, Mosaferi, M. 2009. The Challenge of Medical Waste Management: A Case Study in Northwest of Iran-Tabriz. *Waste Management Research*. 27: 328–335.
- 5- Mehdinai, S.M., Latif, P.A., Abdullah, A.M. Taghipour, H., 2011. Synthesize and characterization of rice husk silica to remove the hydrogen sulfide through the physical filtration system. *Asian Journal of Scientific Research*, 4 (3): 246-254.
- 6- **Taghipour, H.**, Nowrouz, P., Jafarabadi, M.A., Nazari, J., Asl Hashemi, A., Mosaferi, M. Dehghanzadeh, R. 2011. E-waste management challenges in Iran: presenting some strategies for improvement of current conditions. *Waste Management Research*. 30(11): 1138–1144.
- 7- **Taghipour, H.**, Asl Hashemi, A., Assadi, M., Khodaei, F., Mardangahic, B., Mosaferi, M., Roshani, B. 2012. Characterization of industrial waste from a natural gas distribution company and management strategies: a case study of the East Azerbaijan Gas Company (Iran). *Waste Management Research*. 30(10): 1104–1109.

- 8- H Jabbari, H., Farokhfard, M., Asghari Jafarabadi, M., **Taghipour, H.**, Bakhshian, F., S Rohane, S. 2012. Personal and organizational predictors of physicians' knowledge, attitudes and practices related to medical waste management in Mazandaran province (northern Iran). *Waste Management Research*. 30 (7): 738–744.
- 9- **Taghipour, H.**, Shakerkhatibi, M., Pourakbar, M., Belvasi, M. 2012. Corrosion and Scaling Potential in Drinking Water Distribution System of Tabriz, Northwestern Iran. *Health Promotion Perspectives*, Vol. 2, No. 1, P: 103-111.
- 10- **Taghipour, H.**, Mosaferi, M., Pourakbar, M., Armanfar, F. 2012. Heavy metals concentrations in groundwater used for irrigation: a case study in Tabriz, Northwestern of Iran. *Health Promotion Perspectives*. Vol. 30, No. 10, P: 1104–1109.
- 11- Nowrouz, P., **Taghipour, H.**, Dastgiri, S., Bafandeh, Y., Hashemimajad, K. 2012. Nitrate Determination of Vegetables in Varzeghan City, North-western Iran. *Health Promotion Perspectives*, Vol. 2, No. 2, P: 244-250.
- 12- **Taghipour, H.**, Mosaferi, M., Armanfar, F., Gaemmagami, S.J. 2013. Heavy metal pollution in the soils of suburban areas in big cities: A case study. *International Journal of Environmental Science and Technology (IJEST)*, 10: 243-250.
- 13- Mehdinai, S.M., Latif, P.A., **Taghipour, H.**, 2013. A comparative evaluation of dried activated sludge and mixed dried activated sludge with rice husk silica to remove hydrogen sulfide. *Iranian Journal of Environmental Health Sciences & Engineering*. 10:22, P:1-7.
- 14- Mehdinai, S.M., Latif, P.A., **Taghipour, H.** 2013. Removal of Hydrogen Sulfide by Physico- biological Filter, Using mixed Rice Husk Silica and Dried Activated Sludge. *Clean Soil, Air, Water*. 41 (10), 949–954.
- 15- Gholampour, A., Nabizadeh, R., Naseri, S., Yunesian, M., **Taghipour, H.**, Noushin Rastkari, N., Nazmara, S., Faridi, S., Mahvi, A.H. 2014. Exposure and health impacts of outdoor particulate matter in two urban and industrialized area of Tabriz, Iran. *Iranian Journal of Environmental Health Sciences & Engineering*. 12:27, P: 1-10.
- 16- **Taghipour, H.**, Amjad, Z., Asghari Jafarabadi, M., Gholampour, A., Nowrouz, P. 2014. Determining heavy metals in spent compact fluorescent lamps (CFLs) and their waste management challenges: Some strategies for improving current conditions. *Waste Management*. 34, 1251–1256.

- 17- **Taghipour, H.**, Mohammadyarei, T., Asghari Jafarabadi, M., Asl Hashemi, A. 2014. On-site or off-site treatment of medical waste: a challenge. *Iranian Journal of Environmental Health Sciences & Engineering*. 12:68, P:1-6.
- 18- Dehghanzadeh, R., Safavy Hir, N., Shamay, J., **Taghipour, H.** 2015. Integrated Assessment of Spatial and Temporal Variations of Groundwater Quality in the Eastern Area of Urmia Salt lake Basin Using Multivariate Statistical Analysis. *Water Resource Management*. 29. 1351.1364.
- 19- **Taghipour, H.** Amjad, Z., Aslani, H., Armanfar, F., Dehghanzadeh, R. 2016. Characterizing and quantifying solid waste of rural communities. *J Mater Cycles Waste Manag*. 18. 790–797.
- 20- Gholampour, A., Nabizadeh, R., Hassanvand, M.S., **Taghipour, H.**, Nazmara, S., Mahvi, A.H. 2015. Characterization of saline dust emission resulted from Urmia Lake drying. *Journal of Environmental Health Science & Engineering*.13.82.
- 21- Gholampour, A., Nabizadeh, R., Hassanvand, M.S., **Taghipour, H.**, Rafee, M., Alizadeh, Z., Faridi,S.,Mahvi, A.H. 2016. Characterization and source identification of trace elements in airborne particulates at urban and suburban atmospheres of Tabriz, Iran. *Environ Sci Pollut Res*. 23. 1703.1713.
- 22- Taghipour, N., Amini, H., Mosaferi, M., Yunesian, Y., Pourakbar, M., **Taghipour, H.** 2016. National and sub-national drinking water fluoride concentrations and prevalence of fluorosis and of decayed, missed, and filled teeth in Iran from 1990 to 2015: a systematic review. *Environ Sci Pollut Res*. DOI 10.1007/s11356-016-6160-0.
- 23- **Taghipour, H.**, Alizadeh, M., Dehghanzadeh, R., Farshchian, MR., Mohammad, G., Shakerkhatibi, M. 2016. Performance of on-site Medical waste disinfection equipment in hospitals of Tabriz, Iran. *Health Promotion Perspectives*, Vol. 6, No. 4, P: 202-206.
- 24- Amir Mohammadi, Yaghoub Hajizadeh, **Hassan Taghipour**, Asghar Mosleh Arani, Mehdi Mokhtari & Hossein Fallahzadeh (2018): Assessment of metals in agricultural soil of surrounding areas of Urmia Lake, northwest Iran: A preliminary ecological risk assessment and source identification, *Human and Ecological Risk Assessment: An International Journal*. DOI: 10.1080/10807039.2018.1438173.
- 25- Amir Mohammadi¹, Mehdi Mokhtari¹, Asghar Mosleh Arani, **Hassan Taghipour**, Yaghoub Hajizadeh, Hossein Fallahzadeh (2018) *Biomonitoring levels of airborne metals*

around Urmia Lake using deciduous trees and evaluation of their tolerance for greenbelt development. *Environmental Science and Pollution Research*. <https://doi.org/10.1007/s11356-018-1899-0>.

- 26- Aslani **H**, **Taghipour** H, Amjad Z, Taghizadeh R, Dehghanzadeh R. (2016) Estimation of Appropriate Management Scenarios for Solid Waste Generated in Small Cities: A Case Study. *Journal of Health*. Vol. 7, No. 5, Winter 2016, Pages 629- 642.
- 27- Aassan Aslani¹, **Hassan Taghipour**.(2018) Seasonal characterization and quantification of municipal solid waste: energy content and statistical analysis *J Adv. Environ Health Res* 6:34-43.
- 28- Mahsa Zarei, **Hassan Taghipour**, Yousef Hassanzadeh. (2018) Survey of quantity and management condition of end-of-life tires in Iran: a case study in Tabriz. *J Mater Cycles Waste Manag*. 20:1099–1105.
- 29- Dehghanzadeh, R, Talebzadeh, N, **Taghipour, H**, Aslani, H. (2018) Evaluation impact of point of use (POU) household water treatment devices (HWTDS) application on tap water quality and determine the removal efficiency of THMs and HAAs. *Desalination and Water Treatment*. <https://doi.org/10.5004/dwt.2018.21987>.
- 30- Aslani, H., **Taghipour, H.**, Amjad, Z., Taghizadeh, R., Dehghanzadeh, R. 2017 Estimation of Appropriate Management Scenarios for Solid Waste Generated in Small Cities: A Case Study. *Journal of Health* 7 (5), 629-642.
- 31- **Hassan Taghipour**, Reza Taghizadeh Jazadani, Reza Dehghanzadeh, Mohamad Asghari, Jafarabadi, Mohsen Mir Mohammadi, and Mehdi Ghayebzadeh. (2019). Construction and Demolition Waste and Its Management Challenges in Iran: A Case Study in Tabriz City. *Health Scope*. 2019 May; 8(2):e62313.
- 32- Sanaz Esmaeilizadeh, Abdolreza Shaghaghi, **Hassan Taghipour**. (2020): Key informants' perspectives on the challenges of municipal solid waste management in Iran a mixed method study. *J Mater Cycles Waste Manag*. 22 (4):1284–1298.
- 33- Mehdi Ghayebzadeh, Hassn Aslani, **Hassan Taghipour**, Saeid Mousavi. (2020): Estimation of plastic waste inputs from land into the Caspian Sea: A significant unseen marine pollution. *Marine Pollution Bulletin*. Volume 151, 110871.
- 34- Mehdi Ghayebzadeh, **Hassan Taghipour**, Hassn Aslani. (2020) Estimation of plastic waste inputs from land into the Persian Gulf and the Gulf of Oman: An environmental disaster,

- scientific and social concerns. *Science of the Total Environment*. 2020, Volume 733, 138942.
- 35- Mehdi Ghayebzadeh, Hassn Aslani, **Hassan Taghipour**. Abundance and distribution of microplastics in the sediments of the estuary of seventeen rivers: Caspian southern coasts. *Marine Pollution Bulletin*. 2021;164:112044.
 - 36- Hassan Aslani¹, Parisa Pashmtab, Abdolreza Shaghaghi, Asghar Mohammadpoorasl⁴, **Hassan Taghipour**, Mahsa Zarei. Tendencies towards bottled drinking water consumption: Challenges ahead of polyethylene terephthalate (PET) waste management. *Health Promotion Perspectives*, 2021, 11(1), 60-68.
 - 37- Aslani H, Mohammadi Sh, **Taghipour H**, Ravosh M. Used Batteries in the Municipal Solid Waste Stream: Management of the Challenges and Heavy Metal Contents. *Journal of Advances in Environmental Health Research*. 2021; 9(2):105-116.
 - 38- Mehdi Ghayebzadeh, Hassn Aslani, **Hassan Taghipour**, Saeid Mousavi. (2020): Contamination of the Caspian Sea Southern coast sediments with microplastics: A marine environmental problem. *Marine Pollution Bulletin*. 2020; 160:112044.
 - 39- Mehdi Ghayebzadeh, **Hassan Taghipour**, Hassan Aslani, Golaleh Hoseini, Vahid Farahani. Abundance and distribution of mesoplastics in the sediment of the southern coast of the Caspian Sea. *Regional Studies in Marine Science*. 2023. 57, 102767
 - 40- **Hassan Taghipour**, Mehdi Ghayebzadeh, Fatemeh Ganji, Saeid Mousavi, Nahid Azizi. Tracking microplastics contamination in drinking water in Zahedan, Iran: From source to consumption taps *Science of the Total Environment*. 2023, Volume 872, 162121.
 - 41- Teymouri, P., Sarbakhsh, P., **Taghipour, H.**, Roshani, M., Dehghanzadeh, R. Modeling fuel consumption and emissions by taxis in Tabriz, Iran: uncertainty and sensitivity analyses. *Environmental Science and Pollution Research* [this link is disabled](#), 2023.