

Personal Detail			
Gender		Male	
Name and surname		Hassan Aslani	
Country		Iran	
Email		haslani@tbzmed.ac.ir , aslani.ha@gmail.com	
Current position			
Iran public organization			
Organization	Laboratory	Post code	Town
Tabriz University of Medical Science	Environmental laboratory	5147718181	Tabriz
Function			
Assistant Professor. Head of the analytical instrument lab.			
Other activities			
<p>Management:</p> <ul style="list-style-type: none"> Deputy Dean for Research, Health faculty, Tabriz University of medical sciences, 2020 up to 2022, March. Head of educational development office, Health faculty, Tabriz University of medical sciences, 2019-2022-Jan. <p>Teaching and student supervision activities:</p> <ul style="list-style-type: none"> Three Ph.D. candidate advisor (two ongoing); One Ph.D. candidate supervision (ongoing); ten master student supervision (four ongoing). Teaching environmental chemistry, environmental microbiology, sewage sludge processing and management, water safety plan, English courses, water supply and sewerage, GIS use in environment and modeling, leachate control, pesticide use and control in the environment, Advanced Instrument Analysis (GC, HPLC, IC, etc.,). <p>Workshop (as teacher):</p> <ul style="list-style-type: none"> An Introduction to HPLC Practical HPLC Gas Chromatography: Introduction, Operatory and Troubleshooting Advanced Gas Chromatography Uncertainty in Chemical Analysis Internal and External Quality Assurance <p>Laboratory Research Skills</p> <ul style="list-style-type: none"> Synthesis Methodologies GC, and GC-MS (Installation, OQ, Operatory, Method Development, Maintenance, Troubleshooting) 			

- HPLC and IC (Installation, QC, Operatory, Method Development, Maintenance, Troubleshooting)
- Atomic Absorption Spectroscopy (Operatory, Maintenance)
- ICP-OES (Operatory, Maintenance)
- Water and wastewater chemical and microbial analysis

Evaluation activities:

- Environmental Health Engineering and Science
- Environmental science and pollution research
- Exposure and health
- Water and Wastewater Journal
- Iranian Journal of Health and Environment
- Bioresource Technology journal
- Desalination and water treatment
- Participated 1 Ph.D. evaluation panel as external referee
- scientific reviewing activities for different organizations

Previous positions

Start date	End date	town	Organization	Function
17-AUG-2015	28-AUG-2015	Utrecht	Utrecht University	Student

Education

- Ph.D. of Environmental Health Engineering, Tehran University of Medical Sciences, Tehran, Iran, 2016.
- Short term study on toxicology and environmental health, Utrecht University, the Nederland, 2015.
- MSc of Environmental Health Engineering, Tehran University of Medical Sciences, Tehran, Iran, 2011.
- BSc of Environmental Health Engineering, Tabriz University of Medical Sciences, Tabriz, Iran, 2006.
- Advanced experience and certificates for using Arc-GIS, R, and SPSS software.

Scientific production

Recent grants:

- 2019, Determination of THMs and HAAs concentration in drinking water supply network of Urmia city.
- 2018, Removal of chlorpyrifos pesticide by advanced oxidation process of ferrate/peroxymonosulfate from water.
- 2017, Comprehensive risk assessment of drinking water supply system in Bostanabad city based on water safety plan (WSP).
- 2017, Deterination of Ferrate/ Ferrate/Proxymonosulfate and Ferrate/Hedrogen peroxide efficiency for sulfamethoxazole removal.

<p>Awards:</p> <ul style="list-style-type: none"> • Ranking 2 in MSc Degrees entrance exam among 2255 participants. • Involved in Exceptional Talents quota in MSc and Ph.D. • Full Scholarship from Utrecht University for a short term study (summer school) in Environmental Health and Risk Assessment, Utrecht, the Netherlands.
<p>Bibliometric information</p> <ul style="list-style-type: none"> • https://scholar.google.com/citations?hl=en&user=gnbzuiEAAAAJ • Orcid address: https://orcid.org/0000-0002-5427-9647 • Scopus ID: 54926779000 • https://www.researchgate.net/profile/Hassan-Aslani • https://www.linkedin.com/in/hassan-aslani-1a765178/ <p>Total number of publications: 71</p> <p>H-index: Scopus 17, google scholar 21.</p>

Publications

Full papers published in peer-reviewed journals

In English (from the most recent)

- 2023 M Allahbakhshi, M Mosaferi, N Mohammad Mahmoodi, H Kazemian, **H Aslani**, Functionalized three-dimensional iron-based MIL with high adsorption for removing hazardous organics from water. Korean Journal of Chemical Engineering. <https://doi.org/10.1007/s11814-023-1431-1>.
- 2023 A Rajabi, D Farajzadeh, R Dehghanzadeh, **H Aslani**, M Mosaferi, S Mousavi, D Shanehbandi, F Baghal Asghari, Optimizing ozone dose and contact time for removal of antibiotic-resistant *P. aeruginosa*, *A. baumannii*, *E. coli*, and associated resistant genes in effluent of an activated sludge process in a municipal WWTP. Environmental Science and Pollution Research. DOI: <https://doi.org/10.1007/s11356-023-26270-4>.
- 2023 M Ghayebzadeh, H Taghipour, **H Aslani**, G Hoseini, V Farahani, Abundance and distribution of mesoplastics in the sediment of the southern coast of the Caspian Sea. Regional Studies in Marine Science. DOI: [10.1016/j.rsma.2022.102767](https://doi.org/10.1016/j.rsma.2022.102767).
- 2022 M Allahbakhshi, N Mahmoodi, M Mosaferi, H Kazemian, **H Aslani**, Synthesis of functionalized metal-organic framework metal-organic framework (MIL-53)/Chitosan for removing dye and pharmaceuticals. Surfaces and Interfaces. doi.org/10.1016/j.surfin.2022.102471.

- 2022 M AshrafiVala, B Mousavi, S Zeinali, M Heidari, M Mohammadpourfard, **H Aslani**, Investigation of H₂O₂/UV advanced oxidation process on the removal rate of coliforms from the industrial effluent: A pilot-scale study. International Journal of Hydrogen Energy. doi.org/10.1016/j.ijhydene.2022.07.231.
- 2022 A Rajabi, M Farajzadeh, R Dehghanzadeh, **H Aslani**, S Mousavi, M Mosaferi, M Dehghani, F Asghari, Characterization of antibiotic resistance genes and bacteria in a municipal water resource recovery facility. Water and Environment Research. doi.org/10.1002/wer.10750.
- 2022 S Sheikhi, B Jebalbarez, R Dehghanzadeh, **H Aslani**, A Maryamabadi, Sulfamethoxazole oxidation in secondary treated effluent using Fe(VI)/PMS and Fe(VI)/H₂O₂ processes: Experimental parameters, transformation products, reaction pathways and toxicity evaluation. Journal of Environmental chemical Engineering. doi.org/10.1016/j.jece.2022.107446.
- 2022 S Yousefi, **H Aslani**, M Shaker Khatibi, Y Mohammadian, Gh Safari, Combined health risk assessment of organophosphates pesticide residues in greenhouse cucumber in the Northwestern of Iran based on Monte Carlo Simulations. International Journal of Environmental Analytical Chemistry. DOI: [10.1080/03067319.2022.2026941](https://doi.org/10.1080/03067319.2022.2026941).
- 2022 B Jebalbarez, R Dehghanzadeh, S Sheikhi, N shahmahdi, **H Aslani**, A Maryamabadi, Oxidative degradation of sulfamethoxazole from secondary treated effluent by ferrate(VI): kinetics, by-products, degradation pathway and toxicity assessment. Journal of Environmental Health Science and Engineering. DOI: [10.1007/s40201-021-00769-9](https://doi.org/10.1007/s40201-021-00769-9).
- 2021 **H Aslani**, H Taghipour, S Mohammadi, M Ravosh, Used batteries in municipal solid waste stream: Managing challenges and heavy metal contents. Journal of Advances in Environmental Health Research. DOI: [10.32598/JAEHR.9.2.1176](https://doi.org/10.32598/JAEHR.9.2.1176).
- 2021 Samira Sheikhi, Reza Dehghanzadeh, **Hassan Aslani**, Advanced oxidation processes for chlorpyrifos removal from aqueous solution: a systematic review. Journal of Environmental Health Science and Engineering. DOI: [10.1007/s40201-021-00674-1](https://doi.org/10.1007/s40201-021-00674-1).
- 2021 Samira Sheikhi, Reza Dehghanzadeh, Ammar Maryamabadi, **Hassan Aslani**, Chlorpyrifos removal from aqueous solution through sequential use of coagulation and advanced oxidation processes: By-products, degradation pathways, and toxicity assessment. Environmental Technology & Innovation. DOI: [10.1016/j.eti.2021.101564](https://doi.org/10.1016/j.eti.2021.101564).
- 2021 **H Aslani**, P Pashmtab, A Shaghghi, A Mohammadpour Asl, H Taghipour, M Zarei, Tendencies towards bottled drinking water consumption: Challenges ahead of polyethylene terephthalate (PET) waste management. Health Promotion Perspective. DOI: [10.34172/hpp.2021.09](https://doi.org/10.34172/hpp.2021.09).
- 2021 M Ghaebzadeh, H Taghipour, **H Aslani**, Abundance and distribution of microplastics in the sediments of the estuary of seventeen rivers: Caspian southern coasts. Marine Pollution Bulletin. DOI: [10.1016/j.marpolbul.2021.112044](https://doi.org/10.1016/j.marpolbul.2021.112044).

- 2020 M Mosaferi, M Asadi, **H Aslani**, S Abedi, S Nemati, A Mohammadi, Temporospacial variation and health risk assessment of trihalomethanes (THMs) in drinking water (northwest Iran). Environmental Science and pollution research. DOI: [10.1007/s11356-020-11063-w](https://doi.org/10.1007/s11356-020-11063-w).
- 2020 Mehdi Ghaebzadeh, **Hassan Aslani**, Hassan Taghipour, Saed Mousavi, Contamination of the Caspian Sea Southern coast sediments with microplastics: A marine environmental problem. Marine pollution Bulletin. DOI: [10.1016/j.marpolbul.2020.111620](https://doi.org/10.1016/j.marpolbul.2020.111620).
- 2020 Aida H. Baghanama, Vahid Nourani, **Hassan Aslani**, Hassan Taghipour, Spatiotemporal variation of water pollution near landfill site: Application of clustering methods to assess the admissibility of LWPI. J. Hydrology. DOI: [10.1016/j.jhydrol.2020.125581](https://doi.org/10.1016/j.jhydrol.2020.125581).
- 2020 Samira Sheikhi, Zahra Faraji, **Hassan Aslani**, Arsenic health risk assessment and the evaluation of groundwater quality using GWQI and multivariate statistical analysis in rural areas, Hashtroud, Iran. Environmental Science and pollution research. DOI: [10.1007/s11356-020-10710-6](https://doi.org/10.1007/s11356-020-10710-6).
- 2020 Samira Sheikhi, Hossein Shahbazi, Mohammad Mosaferi, Parisa Firuzi, **Hassan Aslani**, Spatio-temporal variation of WQI, scaling and corrosion indices, and principal component analysis in rural areas of Marand, Iran. Groundwater for sustainable development. DOI: [10.1016/j.gsd.2020.100480](https://doi.org/10.1016/j.gsd.2020.100480).
- 2020 Parisa Firuzi, Ahmad Hashemi, Hossein Samadi, Pourya Gholizadeh, **Hassan Aslani**, Comparative study on the microbial quality in the swimming pools disinfected by the ozone-chlorine and chlorine processes in Tabriz, Iran. Environmental monitoring and impact assessment. DOI: [10.1007/s10661-020-08470-4](https://doi.org/10.1007/s10661-020-08470-4).
- 2020 Mehdi Ghaebzadeh, Hassan Taghipour, **Hassan Aslani**, 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. DOI: [10.1016/j.scitotenv.2020.138942](https://doi.org/10.1016/j.scitotenv.2020.138942)
- 2020 Mehdi Ghaebzadeh, **Hassan Aslani**, Hassan Taghipour, Saed Mousavi, Estimation of plastic waste inputs from land into the Caspian Sea: A significant unseen marine pollution. Marine pollution bulletin. DOI: [10.1016/j.marpolbul.2019.110871](https://doi.org/10.1016/j.marpolbul.2019.110871)
- 2020 Sepideh Bakht shokouhi, Reza Dehghanzadeh, **Hassan Aslani**, Najmeh Shahmahdi, Activated carbon catalyzed ozonation (ACCO) of Reactive Blue 194 azo dye in aqueous saline solution: Experimental parameters, kinetic and analysis of activated carbon properties. Journal of water process engineering. DOI: [10.1016/j.jwpe.2020.101188](https://doi.org/10.1016/j.jwpe.2020.101188)
- 2020 Najmeh Shahmahdi, Reza Dehghanzadeh, **Hassan Aslani**, Sepideh Bakht shokouhi, Performance evaluation of waste iron shavings (Fe^0) for catalytic ozonation in removal of

- sulfamethoxazole from municipal wastewater treatment plant effluent in a batch mode pilot plant. *Cehmical Engineering*, DOI: [10.1016/j.cej.2019.123093](https://doi.org/10.1016/j.cej.2019.123093)
- 2020 Mehdi Ghaebzadeh, **Hassan Aslani**, Hassan Taghipour, Saed Mousavi, Estimation of plastic waste inputs from land into the Caspian Sea: A significant unseen marine pollution. *Marine pollution bulletin*. DOI: 10.1016/j.marpolbul.2019.110871
- 2019 **Hassan Aslani**, Mohammad-Salar Hosseini, Sahar Mohammadi, and Mohammad Naghavi-Behzad, Drinking Water Disinfection By-products and Their Carcinogenicity, A Review of Unseen Crisis. *Int J Cancer Manag*. 2019 May; 12(5):e88930. doi: 10.5812/ijcm.88930.
- 2019 Farzin Kamari, Shahin Hallaj, Fatemeh Dorosti, Farbod Alinezhad, Negar Taleschian-Tabrizi, Fereshteh Farhadi, **Hassan Aslani**, Phototoxicity of environmental radiations in human lens: revisiting the pathogenesis of UV-induced cataract. Doi:10.1007/s00417-019-04390-3.
- 2019 **Hassan Aslani**, Mahsa Zarei, Hassan Taghipour, Ehsan Khashabi, Hossein Ghanbari, Aida Ejlali, Monitoring, mapping and health risk assessment of fluoride in drinking water supplies in rural areas of Maku and Poldasht, Iran. *Environmental Geochemistry and Health*, Article in press. <https://doi.org/10.1007/s10653-019-00282-x>
- 2018 Baziara M, Nabizadeh,R, Mahvia AH, Naddafi K, Mesdaghinia A, Alimohammadi M, **Aslani H**, Sensitivity analysis and modeling of 4-chlorophenol degradation in aqueous solutions by an nZVI-sodium persulfate system. *Desalination and water treatment*. 112 (2018): 292-302. DOI:10.5004/dwt.2018.21948
- 2018 **Aslani H**, Ebrahimi T, Naseri S, Nabizadeh R, Khazaei M, Hexavalent chromium removal from aqueous solution using functionalized chitosan as a novel nano-adsorbent: modeling and optimization, kinetic, isotherm, and thermodynamic studies, and toxicity testing. *Environmental Science and Pollution Research*. Article in press. DOI: 10.1007/s11356-018-2023-1.
- 2018 **Aslani H**, Taghipour H, Seasonal characterization and quantification of municipal solid waste: Energy content and statistical analysis. *J Adv. Environ Health Res* (2018) 6:34-44. DOI: 10.22102/jaehr.2018.105728.1053
- 2018 Dehghanzadeh R, Talebzadeh N, Taghipour H, **Aslani H**, 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*. 105(2018): 62-72. DOI: 10.5004/dwt.2018.21987
- 2018 Rajabi A, Yousefzadeh S, Ahmadi E, Mahvi A, Alimohammadi M, **Aslani H**, Nabizadeh R, A comparative study of the disinfection efficacy of H₂O₂/ferrate and UV/H₂O₂/ferrate processes on inactivation of *Bacillus subtilis* spores by response surface methodology for modeling and

- optimization. *Food and Chemical Toxicology*. 116 (2018): 129-137.
DOI:10.1016/j.fct.2018.04.002
- 2018 Baziar M, Nabizadeh R, Mahvi A, Alimohammadi M, Naddafi K, Mesdaghinia A, and **Aslani H**, Effect of dissolved oxygen/nZVI/persulfate process on the elimination of 4-chlorophenol from aqueous solution: Modeling and optimization study. *Korean Journal of Chemical Engineering*. *Article in press*. DOI: 10.1007/s11814-018-0017-9.
- 2018 Yousefzadeh S, Rajabi A, Ahmadi E, Sabeti Z, Alimohammadi M, **Aslani H**, Nabizadeh R, Response surface methodology as a tool for modeling and optimization of bacillus subtilis spores inactivation by UV/nano-Fe0 process for safe water production. *Food and Chemical Toxicology*. 114(2018): 334-345. DOI: 10.1016/j.fct.2018.02.045.
- 2017 **Aslani H**, Nasser S, Nabizadeh R, Mesdaghinia A, Alimohammadi M, Nazmara S, Haloacetic acid degradation by an efficient ferrate\UV process: Byproduct analysis, kinetic study, and application of response surface methodology for modeling and optimization. *J. Environ. mng.* 203 (2017) 218-228. DOI: 10.1016/j.jenvman.2017.07.072.
- 2017 Kamani H, Mahvi A.H, Seyedsalehi M, Jaafari J, Hosseini M, Safari G.H, Dalvand A, **Aslani H**, Mirzaei N, Ashrafi D, Contamination and ecological risk assessment of heavy metals in street dust of Tehran, Iran. *Int. J. Environ. Sci. Technol.* 2017.DOI: 10.1007/s13762-017-1327-x.
- 2017 Sabeti Z, Alimohammadi M, Yousefzadeh S, **Aslani H**, Ghani M, Application of response Surface methodology for modeling and optimization of *Bacillus subtilis* spores inactivation by the UV/persulfate process. *Water science and Technology: Water Supply*. 2017-17(2): 342-351.
- 2016 **Aslani H**, Nabizadeh R, Nasser S, Mesdaghinia A, Alimohammadi M, Mahvi A.H, Rastkari N, Nazmara SH, Application of response surface methodology for modeling and optimization of trichloroacetic acid and turbidity removal using potassium ferrate (VI). *Desalination and water treatment*. 2016; 57(52): 25317-28.
- 2016 Taghipour, H., Amjad, Z., **Aslani, H.**, Armanfar F., Dehghanzadeh R. Characterizing and quantifying solid waste of rural communities *J Mater Cycles Waste Manag* (2016) 18(4): 790-797. doi:10.1007/s10163-015-0365-z
- 2015 Mohammadi kouchesfahani M, Alimohammadi M, Nabizadeh R, **Aslani H**, Rezaie S, and Asadian S, *Pseudomonas aeruginosa* and *Heterotrophic* Bacteria Count in Bottled Waters in Iran. *Iran J Public Health*. 2015 Nov; 44(11): 1514–1519.
- 2015 Mohagheghian A, Mahvi A.H, Shekoohiyan S, Koolivand A, Nazmara SH, **Aslani H**, Binesh M, Dobaradaran S. Determination of copper, nickel and chromium contents in cultivated tea in north of Iran. *Environmental Engineering and Management Journal*. 2015;14 (10):2409-2413.

- 2015 Maslahati Roudi A, Akhlaghi E, Chelliapan S, Kaboli A, Maslahati Roudi A, **Aslani H**, and Bannir Selvam S, Treatment of Landfill Leachate via Advanced Oxidation Process (AOPs) - A Review. Research Journal of Pharmaceutical, Biological and Chemical Sciences. 2015 6(4).
- 2015 Farajvand N, Alimohammadi M, Rastkari N, Yunesian M, Samadi N, **Aslani H**, Kazemi Moghaddam V, Effects of Wash Procedures and Storage Time on the Antioxidant Activity of Fresh Vegetables. International Journal of Pharmacognosy and Phytochemical Research 2015; 7(5); 928-933.
- 2014 **Aslani H**, Nabizadeh R, Alimohammadi M, Mesdaghinia A, Nadafi K, Nemati R and Ghani M, Disinfection of raw wastewater and activated sludge effluent using Fenton like reagent. Journal of Environmental Health Science & Engineering (2014) 12:149.
- 2014 Molaee Aghae E, Alimohammadi M, Nabizadeh R, Jahed GH, Naseri S, Mahvi AH, Yaghmaeian K, **Aslani H**, Nazmara Sh, Mahmoudi B and Ghani M, Effects of storage time and temperature on the antimony and some trace element release from polyethylene terephthalate (PET) into the bottled drinking water. Journal of Environmental Health Science & Engineering 2014, 12:133.
- 2014 Saadi S, Alimohammadi M, Nabizadeh R, Mesdaghinia A, **Aslani H**, Nazmara S, Ghani M, Mahmoodi M, Asgari M, Mousavipour N, Evaluating efficiency of radio waves for microbial removal in water samples. J. Advances in Environmental Health Research; 2(3): 157-64.
- 2013 Nabizadeh R, Alimohammadi M, Nemati R, Nadafi K, Naseri S, **Aslani H**, Mousavipour N, Disinfection of secondary treated wastewater using under pressure dissolved oxygen, copper ions and hydrogen peroxide. Global Nest Journal; 15(1): 121-30.
- 2012 Nabizadeh R, Alimohammadi M, **Aslani H**, Mesdaghinia A, Naddafi K, Nemati R, Ghani M, Comparative study of Fenton's reagent performance in disinfection of raw wastewater and activated sludge effluent. Desalination and water treatment. 37(2012); 107-113.
- 2012 Roshani B, Torkian A, Aslani H, Dehghanzadeh R, Bed mixing and leachate recycling strategies to overcome pressure drop buildup in the biofiltration of hydrogen sulfide. Bioresource Technology; 109(2012): 26-30.
- 2011 Dehghanzadeh R, **Aslani H**, Torkian A, Asadi M, Interaction of acrylonitrile vapors on a bench scale biofilter treating styrene-polluted waste gas streams. *Iran. J. Environ. Health. Sci. Eng.*, 2011, Vol. 8, No. 2, pp. 159-168.

In Persian (from the most recent)

- 2023 M Mosaferi, F Ghayurdoost, R Dehghanzadeh, H Aslani, S Nemati Mansour, N Gilani, The necessity of community-oriented and future-oriented revision in the educational content of the field of environmental health from the point of view of the beneficiaries (graduates and students). Iranian Journal of Health and Environment. 2023, Vol. 16 (1).

- 2023 S Sheikhi, A Moshiri, H Aslani, Sh Alizadeh, Comprehensive risk assessment of water supply system in Bostan Abad based on water safety plan. *Iranian Journal of Health and Environment*. 2023, Vol. 15 (3).
- 2022 S Sheikhi, H Aslani, R Dehghanzadeh, A Maryamabadi, Efficiency of ferrate/peroxymonosulfate advanced oxidation process in removing chlorpyrifos pesticide from aqueous solution after pretreatment with ferric chloride coagulant. *Iranian Journal of Health and Environment*. 2023, Vol. 15 (1).
- 2022 N Shahmahdi, B Ghoreishi, H Aslani, S Ghaffarifar, M ShakerKhatibi, M Mosaferi, A Shaghaghi, Educational need assessment for empowering health and environmental specialists. *Iranian Journal of Health and Environment*. 2023, Vol. 14 (4).
- 2021 M Ghayebzadeh, **H Aslani**, H Taghipour, Comparative Evaluation of the Application of Incineration Technologies and Other Waste Disposal Methods in Iran Using the Analytical Hierarchy Process (AHP). *Journal of Health*.
- 2020 Bahareh Ghoreishi, Hassan Aslani, M. Shaker Khatibi, Sepideh Nemati Mansour, Mohammad Mosaferi, Pollution potential and ecological risk of heavy metals in municipal wastewater treatment plants sludge. *Iranian Journal of Health and Environment*. 2020; 13 (1): 85-100.
- 2019 Parisa Firuzi, **Hassan Aslani**, Ahmad Aslhashemi, Survey of environmental health status, physicochemical and microbiological quality of swimming pools in Tabriz, 2017. *Iranian Journal of Health and Environment*. 2019; 11(4): 613-626.
- 2016 **Aslani H**, Taghipour H, Amjad Z, Taghizadeh R, Dehghanzadeh R, Estimation of Appropriate Management Scenarios for Solid Waste Generated in Small Cities: A Case Study. *Journal of Health*. 2016; 7(5): 629- 642.
- 2016 Ghoreishi B, Shaker khatibi M, **Aslani H**, Dolatkah A, Abdoli Seilabi A, Mosaferi M, Evaluation of Microbial Quality in Biosolids Generated from Municipal Wastewater Treatment Plants. *Iranian Journal of Health and Environment*. 2016;9(1):81-90.
- 2016 **Aslani H**, Nabizadeh R. Effect of combined disinfection techniques for inactivation of B. Subtillis spores. *Iranian Journal of Health and Environment*. 2016;8(4):481-90.
- 2014 Ghanbari Ghoskhal, M, Ghochani, M, Amini Tabok, F, Nowrouz, P, Dehghanzadeh Reihani, R, **Aslani H**. Assessing knowledge and practice of food producers, retailers and consumers of food labels in Bostanabad. *Journal of Food Hygiene*, 2014; 4(13): 27-37.
- 2014 **Aslani H**, Alimohammadi M, Mahmoodi B, Ghoreishi B, Khazaei M, Ghani M, Askari M. Optimization of Coagulation Process Using Alum and Ferric Chloride for Surface Water Treatment. *Environmental Health Engineering*. 2014, 2(2): 141-53.
- 2013 Alimohammadi M, Aghaee Molaee E, Nabizadeh R, Jahed G, Rezaee S, Goldasteh A, Nazmara S, **Aslani H**, Suvey of Antimony and Cobalt Leaching into Bottled Waters Packaged by PET. *Iranian Journal of Health and Environment*. 2012; 5(3): 225-33.
- 2012 Nabizadeh R, **Aslani H**, Alomohammadi H, Nemati R, Naddafi K, Ghany M. Performance Comparison of Fenton and Fenton Modified with Copper in Raw Wastewater Disinfection for reuse in Agriculture. *Iranian Journal of Health and Environment*. 2012; 5(2): 189-200.
- 2012 Dehghanzadeh R, Ansarian Kh, **Aslani H**. Concentrations of Carbon monoxide in Indoor and

- Outdoor Air of Residential Buildings. *Journal of Health*. 2011; 3(4): 29-40.
- 2011 Nabizadeh R, Nemati R, **Aslani H**. Effect of Potassium Permanganate on Effectiveness of Chitosan in Removing of Turbidity and Fecal Coliforms from Wastewater. *Water and Wastewater Journal*. 2011; 3: 95-102.
- 2011 Nabizadeh R, Nemati R, **Aslani H**, Alimohammadi M. Using Copper Ions, Ascorbic Acid and Pressurized Dissolved Oxygen in the Secondary Treated Wastewater Disinfection. *Journal of Health*. 2011; 2(1): 7-18.
- 2011 Ghani M, Golbabaie F, Akbarzadeh Baghban A.R, **Aslani H**, Moharamnejad N. Evaluation of Solid Waste Management in the Chemistry Laboratories of Tehran Universities. *Iranian Journal of Health and Environment*. 2011; 4(3): 351-62.
- 2011 Ghanbari M, Nadafi K, Mosaferi M, Yunesian M, **Aslani H**. Noise Pollution Evaluation in Residential and Residential–Commercial Areas in Tabriz-Iran. *Iranian Journal of Health and Environment*. 2011; 4(3): 375-84.
- 2010 Dehghanzadeh R, **Aslani H**, ShamsA.F, Ghoraishi B. Giving Alternatives for Improvement of Qualitative Features of Mehran River in Tabriz for Reuse. *Iranian Journal of Health and Environment*. 2010; 3(2): 227-38.

Papers Presented in National & International Conferences (from the most recent)

- 2016 **Aslani H**, Nasser S, Nabizadeh R, Mesdaghinia AR, Alimohammadi M, Mahvi AH, Nazmara Sh, TCAA removal from drinking water by Ferrate based process: Application of RSM for modeling and optimization. 1st International and 19th National Conference on Environmental Health and Sustainable Development. Tehran University of Medical Sciences, Tehran, Iran.
- 2015 Ghoreishi B, Khatibi M, **Aslani H**, Mosaferi M. Survey of Salmonella in Sewage Sludge of East Azerbaijan Sewage Sludge. 18th National Conference on Environmental Health. Shiraz University of Medical Sciences. Shiraz, Iran.
- 2015 Talebzadeh N, Dehghanzadeh R, **Aslani H**, Nazmara S, Evaluation of point of use treatment in THMS and HAAs removal. 18th National Conference on Environmental Health. Shiraz University of Medical Sciences. Shiraz, Iran.
- 2015 Alimohammadi M, **Aslani H**, Bottled water in Iran and in the World. 1st National conference of Bottled Water. Tehran University of Medical Sciences, Tehran, Iran.
- 2010 **Aslani H**, Dehghanzadeh R, Shams B. Evaluation of physic-chemical and biological characteristics of Mehran river and simulation of management scenarios. Water and wastewater 3rd national Conference. Tehran, Iran.

Books (from the most recent)

- 2012 Nabizadeh R, **Aslani H**, Nemati R, Guidelines for Safe Recreational Water Environments (Swimming pools and Similar Environments). Published by Ministry of Health Mezrab press. Tehran, Iran.