

Curriculum Vita



Reza Dehghanzadeh Reyhani

Professor

Professor of Environmental Health Engineering

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Education

- PhD of Environmental Health Engineering, Medical University of Isfahan, Isfahan, Iran, May 2005.
- MSc. of Environmental Health Engineering, Tehran University of Medical Sciences, Tehran, Iran, Feb 1999.
- BSc. of Environmental Health Engineering, Tehran University of Medical Sciences, Tehran, Iran, Jun 1997

Research Interests

- Biotreatment of volatile organic compounds and odorous compounds in contaminated air streams particular attention on biofiltration and biotrickling filters
- Biological wastewater treatment processes
- Integrated chemical oxidation and biological processes for treatment of industrial and hazardous effluents
- Advanced water and wastewater processes especially Advanced Oxidation Processes (AOPs)

Teaching

- Municipal and Industrial wastewater treatment plant Design
- Unit process and operation in environmental engineering
- Water and wastewater microbiology
- Applied Hydrology and Hydrogeology

Administrative Experiences

- Education Vice dean, School of Health and Nutrition, Feb 2006 – Jul 2007
- Educational Deputy of Health Faculty, Jan 2006 – Sep 2007.
- Head of Environmental Health Engineering Department 2017-2023
- Head of Health and Environment Research Center (HERC) since 2017

Honors and Awards

- Award and Prize for the best lecturer at School of Health and Nutrition, Tabriz University of Medical Sciences, 2006.
- Award and Prize for young researcher in Health sciences, from President Dr. Ahmadinejat, International Razi Research Festival, Tehran Iran, 2005.
- Iran's National Elites Foundation (INEF) grant
- Scholarship of Environmental Engineering, Department of Chemical engineering, University of Toronto, Toronto, Canada, March 2004.
- Award and Prize for the master professor of Tabriz university of medical sciences – health faculty in 2016
- Award and Prize for the master professor of Tabriz university of medical sciences – health faculty in 2007
- Award and Prize from the minister of Health and Medical Education, in May 2008

Thesis supervised for MSc. Students

1. **Jafar shamsi Sis.** Survey of drinking water resource quality in the catchment area of Maragheh and Bonab and probable adverse health effects resulting from Kaveh soda industrial effluents infiltration. Tabriz University of Medical Sciences, 2012-2014
2. **Maryam Roshani.** Determination of antibiotic resistance bacteria populations in Tabriz wastewater of hospitals, influent and effluent of wastewater treatment plant, surface water and drinking water. Tabriz University of Medical Sciences, 2013
3. **Navid Safavi.** Determination of imipenem and vancomycin in the hospital wastewater and influent and effluent of Tabriz wastewater treatment plant. Tabriz University of Medical Sciences, 2013
4. **Hamid Khalili.** Investigating the ability of biological removal of MTBE from water in laboratory scale, Tabriz University, 2009
5. **Mohammad Aghanejad,** Evaluation of effluent treatment of Khoy combined cycle power plant and feasibility of biodegradation of phosphorus, Tehran University of Medical Sciences, 2009

6. **Abbas Taghipour.** Investigating the efficiency of the combined system (coagulation and flocculation, ozonation) in the treatment of fresh waste garbage in Tabriz city, Tehran University of Medical Sciences, 2010
7. **Maryam Hazrati,** Evaluation of pre-ozonation and coagulation with PAC coagulant for treatment of sewage treatment in Sabalan Hospital in Ardebil, Department of Science and Research - Islamic Azad University, 2010
8. **Jafar Shamsi Cees.** Investigation of the Changes in the Quality of Drinking Water Resources in Bonab and Maragheh Area and Possible Health Effects Caused by Infiltration at Kaveh Soda Factory, Tabriz University of Medical Sciences, Tabriz University of Medical Sciences, 2013
9. **Saleh Kuhi Alishah.** Investigation of Technical and Economic Feasibility of Advanced Precipitation and Reverse Osmosis Processes for Reuse of Wastewater Treatment Plant of Shahid Salimi Industrial Town in Tabriz, Department of Science and Research - Islamic Azad University, 2012
10. **Hajar Seifi.** Modeling the removal of acrylonitrile from waste gases by biofiltration, Sahand Industrial University, 2011
11. **Seyedeh Masoumeh Ebrahimi,** Determining the Effects of Point-of-Use treatment Systems on Microbial Quality of Tabriz City Drinking Water Network, Tabriz University of Medical Sciences, 2015
12. **Ali Behnami.** Evaluation of the efficiency of the wastewater treatment system of Tabriz petrochemical complex with the aim of improving and recovery the performance using a mass balance. Tabriz University of Medical Sciences, 2016
13. **Leila Dadashi,** Determination of contamination rate of Pseudomonas aeruginosa and Escherichia coli bacteria in dermatological and ophthalmic cosmetics, Tabriz University of Medical Sciences, 2016
14. **Seyedeh Maryam Seyed Mosavi,** Technical and economic appraisal of the hybrid Ozonation method in activated carbon bed for reducing algae and organic matter from entering water into urban drinking water treatment plants, Tabriz University of Medical Sciences, 2016
15. **Nasrin Talebzadeh,** Examine the physical and chemical properties of water from home drinking water treatment systems, Tabriz University of Medical Sciences, 2017
16. **Ahmad Mohammad Pour,** Evaluation of the performance of hybrid ozonation method in activated carbon bed for pre-treatment of hospital waste to reduce pollutants and remove antibiotic ciprofloxacin, Tabriz University of Medical Sciences, 2017
17. **Nasrin Vojdani,** The study of the feasibility of ozone application in disinfection of hospital infectious wastes on a semi-industrial scale, Tabriz University of Medical Sciences, 2018
18. **Sepideh Bakhtshokouhi,** Determination of the Efficiency of Ozone Catalytic Oxidation Processes / Activated Carbon and Ozone / Persulfate in Reactive Blue Decollete 194 from aqueous solutions, , Tabriz University of Medical Sciences,
19. **Najmeh Shahmahdi,** Evaluation of the efficacy of catalyzed extinction with iron and iron / activated carbon blend for removing ciprofloxacin and sulfamethoxazole from aqueous solutions, Tabriz University of Medical Sciences,

20. **Pejman Azmoun**, Assessment of the Health and Environmental Health (HSE) of radiology and radiotherapy departments of hospitals affiliated to Tabriz University of Medical Sciences and comparing the incidence of cancer in employees of these sectors with community members, Tabriz University of Medical Sciences,

Publications

Full paper published in peer-reviewed journals

In English (from the most recent)

- 1- Sepideh Nemati-Mansour, Mohammad Mosaferi, Javad Babaie, Asghar Mohammadpoorasl, Reza Dehghanzadeh, Leila Nikniaz, Mohammad Miri. [Interplay of arsenic exposure and cigarette smoking on oxidative DNA damage in healthy males](#). Environmental Sciences Europe, 2024, 36(1), 1-14
- 2- Mohammad Ghanbari Ghoskhal, Ahmad Mohammadpour, Reza Dehghanzadeh. [Utilization of Activated Carbon Catalyzed Ozonation \(ACCO\) for Removal of Ciprofloxacin and Vancomycin from Hospital Wastewater](#). Iranian Journal of Public Health, 2023, 52(7), 1522.
- 3- Pari Teymouri, Parvin Sarbakhsh, Hassan Taghipour, Mohammadreza Roshani, Reza Dehghanzadeh. [Modeling fuel consumption and emissions by taxis in Tabriz, Iran: uncertainty and sensitivity analyses](#). 2023, 33, 80655-80675.
- 4- Mohammad Mosaferi, Farhad Ghayurdoost, Reza Dehghanzadeh, Hassan Aslani, Sepideh Nemati Mansour, Neda 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 ...](#), Iranian Journal of Health and Environment, 2023, 16(1), 149-174.
- 5- Akbar Rajabi, Davoud Farajzadeh, Reza Dehghanzadeh, Hassan Aslani, Mohammad Mosaferi, Saeid Mousavi, Dariush Shanehbandi, Farzaneh 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 ...](#). Environmental Science and Pollution Research, 2023, 30(19), 55569-55581.
- 6- Mohammadreza Pashaeifar, Reza Dehghanzadeh, Mohammad Ebrahim Ramazani, Omid Rafieyan, Arezoo Nejaei. [Assessment of Status, Processes, and Geochemical Sources of Aquifer Using Water Quality Index, Graphical Approaches, and Multivariate Statistical Analyses-A Case Study ...](#). Water Resources, 2023, 16(56), 15-30.
- 7- Mohammad Ghanbari Ghoskhal, Khalil Ansarin, Kazem Naddafi, Ramin Nabizadeh, Kamyar Yaghmaeian, Jalil Jaafari, Reza Dehghanzadeh, Zahra Atafar, Maryam Faraji, Aliakbar Mohammadi, Gholamreza Goudarzi, Masud Yunesian. [Status of TNF- \$\alpha\$ and IL-6 as pro-inflammatory cytokines in exhaled breath condensate of late](#)

- [adolescents with asthma and healthy in the dust storm and non-dust storm conditions](#). Science of The Total Environment, 2022, 838, 155536.
- 8- Akbar Rajabi, Davoud Farajzadeh, Reza Dehghanzadeh, Hassan Aslani, Saeid Mousavi, Mohammad Mosafere, Mohammad Hadi Dehghani, Farzaneh Baghal Asghari. [Characterization of antibiotic resistance genes and bacteria in a municipal water resource recovery facility](#). Water Environment Research, 2022, 94(7), 10750.
 - 9- S Sheikhi, **R Dehghanzadeh**, A Maryamabadi, H 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, 2021, 23, 101564.
 - 10- F Baghal Asghari, MH Dehghani, **R Dehghanzadeh (corresponding author)**, D Farajzadeh. [Antibiotic resistance and antibiotic resistant gens of Pseudomonas spp. and Escherichia coli isolated from untreated hospital wastewater](#). Water Science and Technology.
 - 11- P Teymouri, **R Dehghanzadeh (corresponding author)**. [Climate change and water-related diseases in developing countries of Western Asia: a systematic literature review](#). Climate and Development, 1-17.
 - 12- S Sheikhi, **R Dehghanzadeh**, H Aslani. [Advanced oxidation processes for chlorpyrifos removal from aqueous solution: a systematic review](#). Journal of Environmental Health Science and Engineering, 1-14.
 - 13- SM Ebrahimi, **RD Reyhani (corresponding author)**, M Asghari-JafarAbadi, Z Fathifar. [Diversity of antibiotics in hospital and municipal wastewaters and receiving water bodies and removal efficiency by treatment processes: a systematic review protocol](#). Environmental Evidence 9 (1), 1-9.
 - 14- SB Shokouhi, **R Dehghanzadeh (corresponding author)**, H Aslani, N 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 35, 101188.
 - 15- N Shahmahdi, **R Dehghanzadeh (corresponding author)**, H Aslani, SB Shokouhi. [Performance evaluation of waste iron shavings \(Fe0\) for catalytic ozonation in removal of sulfamethoxazole from municipal wastewater treatment plant effluent in a batch mode ...](#) Chemical Engineering Journal 383, 123093.
 - 16- H Taghipour, R Taghizadeh Jazadani, **R Dehghanzadeh**, ... [Construction and Demolition Waste and Its Management Challenges in Iran: A Case Study in Tabriz City](#). Health Scope 8 (2)
 - 17- Fatemeh Bakhtari Aghdam, Ziba Delangiz Alamdary, Mohammad Asghari Jafarabadi, **Reza Dehghanzadeh (corresponding author)**, Haidar Nadrian. Personal, social and environmental factors associated with the behaviour of using plastic among urban in residents: a study with Socio-Ecological Approach. International Journal of Preventive Medicine. Acceptance.
 - 18- **Reza Dehghanzadeh**, Nasrin Talebzadeh, Hassan Taghipour, Hassan Aslani. 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.

- 19- Farzaneh Baghal Asghari, Jalil Jaafari, Mahmood Yousefi, Ali Akbar Mohammadi, **Reza Dehghanzadeh**. Evaluation of water corrosion, scaling extent and heterotrophic plate count bacteria in asbestos and polyethylene pipes in drinking water distribution system. *Human and Ecological Risk Assessment: An International Journal*. 2018:1138-1149.
- 20- Syedeh Maryam Seyed Mousavi, **Reza Dehghanzadeh** (corresponding author), Seyedeh Masoumeh Ebrahimi. Comparative analysis of ozonation (O₃) and activated carbon catalyzed ozonation (ACCO) for destroying chlorophyll *a* and reducing dissolved organic carbon from a eutrophic water reservoir. *Chemical engineering Journal*. 2016. <http://dx.doi.org/10.1016/j.cej.2016.11.159> (IF:5.310)
- 21- A Behnami, M Shakerkhatibi, **R Dehghanzadeh**, KZ Benis, S Derafshi, The implementation of data reconciliation for evaluating a full-scale petrochemical wastewater treatment plant. 2016. *Environmental Science and Pollution Research* 23 (22), 22586-22595. (IF:2.76)
- 22- Nader Taghipour, Mohammad Mosaferi, Mohammad Shakerkhatibi, Neemat Jaafarzadeh, **Reza Dehghanzadeh**, Hassan HosseinNia. Optimized coupling of a submerged membrane electro-bioreactor with pre-anaerobic reactors containing anode electrodes for wastewater treatment and fouling reduction. 2016. *Journal of Water Reuse and Desalination*, jwrd2016063.
- 23- Leila Dadashi, **Reza Dehghanzadeh** (corresponding author). Investigating incidence of bacterial and fungal contamination in shared cosmetic kits available in the women beauty salons. *Health Promotion Perspectives*, 2016 (6): 159.
- 24- Hassan Taghipour, Mina Alizadeh, **Reza Dehghanzadeh**, Mohammad Reza Farshchian, Mohammad Ganbari, Mohammad Shakerkhatibi. Performance of on-site Medical waste disinfection equipment in hospitals of Tabriz, Iran. *Health Promotion Perspectives*. 2016. 6(4): 202.
- 25- Hassan Taghipour, Zahra Amjad, Hassan Aslani, Feridoun Armanfar, **Reza Dehghanzadeh** "Characterizing and quantifying solid waste of rural communities" *J Mater Cycles Waste Manag*. 2015, pp 1-8. (IF:1.422)
- 26- **Reza Dehghanzadeh**, Mohammad Asghari-Jafarabadi, Shahin Salimian, Ahmad Asl Hashemi, Simin Khayatizadeh "Impact of family ownerships, individual hygiene, and residential environments on the prevalence of pediculosis capitis among schoolchildren in urban and rural areas of northwest of Iran". *Parasitol Res* (2015) 114:4295–4303. (IF: 2.027)
- 27- **Reza Dehghanzadeh** (corresponding author), Navid Safavy Hir, Jafar Shamsy Sis, Hassan Taghipour "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*, Published Online: November (IF: 2.437)
- 28- **Reza Dehghanzadeh**, Babak Roshani, Mahzar Asadi, Mohammad Fahiminia, Ahmad Asl Hashemi "Confirmation of Monod model for biofiltration of styrene

- vapors from waste flue gas" *Health Promotion Perspectives An International Journal*, 2012, 1(2): 236-243. (PubMed)
- 29- Babak Roshani, Ayoob Torkian, Hasan Aslani, **Reza Dehghanzadeh** (corresponding author) "Bed mixing and Leachate recycling strategies to overcome pressure drop buildup in the biofiltration of hydrogen sulfide" *Bioresource Technology*, 2012, 109: 26-30, DOI: [10.1016/j.biortech.2012.01.016](https://doi.org/10.1016/j.biortech.2012.01.016). (IF: 4.917)
- 30- Hassan Taghipour, Parviz Norouz, Mohamad Asghari Jafarabadi, Jalil Nazari, Ahmad AslHashemi, Mohammad Mosafere and **Reza Dehghanzadeh** "E-waste management challenges in Iran: presenting some strategies for improvement of current conditions" *Waste Management & Research*, published online 22 September 2011, DOI: [10.1177/0734242X11420328](https://doi.org/10.1177/0734242X11420328). (IF:1.338)
- 31- **R. Dehghanzadeh** (corresponding author), H. Aslani, A. Torkian, M. Asadi, 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. (IF:2.28)
- 32- **Dehghanzadeh R.** (corresponding author), Torkian A., Bina B., Poormoghaddas H. and Kalantary A. "Biodegradation of styrene laden waste gas stream using a compost-based biofilter" *Chemosphere*, 60: 434-439. 2005. Elsevier Ltd, UK. (IF: 3.698)
- 33- Bina B., **Dehghanzadeh R.**, Kalantary A., Torkian A., Pourmoghaddas H., "Removal of styrene from waste gas stream using a biofilter" *Journal of Research in Medical Sciences, Research Bureau, Isfahan University of Medical Sciences, Isfahan, Iran*, 6: 31-39, 2004. (IF: 0.812)
- 34- Torkian A., **Dehghanzadeh R.** and Hakimjavadi M. "Biodegradation of aromatic hydrocarbons in a compost biofilter" *Journal of Chemical Technology and Biotechnology*, 78:795–801, 2003. Wiley Interscience, John Wiley & Sons, Ltd. UK (IF:2.738)

Full paper published in peer-reviewed journals

In Persian

- 1- **Reza Dehghanzadeh Reihani1,3***, Maryam Roshani², MohammadReza Farshchian, "Determination of Antibiotic Resistance Spectrum in Enterobacteriaceae and Staphylococcus Bacteria Isolated from Hospital Wastewaters in Tabriz, 2015" *Med J Tabriz Uni Med Sciences Health Services*. 2018 October-November; 40(4):24-30
- 2- Seyedeh Masoumeh Ebrahimi¹, **Reza Dehghanzadeh Reihani²**, Zohreh Shiri³, Seyedeh Maryam Seyed Mosavi¹, Mohammad Yusef Memar

- “Bacteriological Quality of Water Produced by Household Water Treatment Devices” J Mazandaran Univ Med Sci 2015; 25(130): 8-18 (Persian)
- 3- Mohammad Reza Farshchian¹, Maryam Roshani², **Reza Dehghanzadeh Reihani** “Determination of Antibiotic Resistance Pattern in Bacteria Isolated from Municipal Wastewater Treatment Plant” J Mazandaran Univ Med Sci 2015; 25(126): 11-21 (Persian)
 - 4- **Dehghanzadeh Reihani**, Safavy, Ghaemmaghani Hazaveh, Pourakbar, Nazari, “Determination of extraction and analysis method for Imipenem in hospital sewage samples using High Performance Liquid Chromatography-UV detector and with solid phase extraction column”, Arak Medical University Journal (AMUJ) Original Article 2014; 17(87): 9-18
 - 5- Aslani H1, Taghipour H*1, Amjad Z1, Taghizadeh R1, **Dehghanzadeh R** “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
 - 6- SN Safavy, SJ Ghaemmaghani Hezaveh, **R Dehghanzadeh Rayhani** “Extraction and Determination of Vancomycin Antibiotic in ospital Sewage Samples by Solid Phase Extraction-High” Journal of Health, Volume 5, Issue 3 (autumn 2014)
 - 7- Safavy SN1, Mousavi M2, **Dehghanzadeh Reihani R* 3**, Shakeri M “Seasonal and Spatial Zoning of Air Quality Index and Ambient Air Pollutants by Arc-GIS for Tabriz City and Assessment of the Current Executive Problem” Journal of Health, **Vol. 7, No. 2, Spring Supplementary 2016, Pages 158-177**
 - 8- Zahra Akbari, Mohammad Shakerkhatibi, Mohammad Pasazi, Siavash Derafshi, Esmail Fatehifar, Mir Mohammad Chavoshbashi, Ali Behnami “Performance Evaluation of Acrylonitrile Butadiene Production Unit Styrene (ABS)” Volume 16, Number 2, July 2013

Presentations

1. **Reza Dehghanzadeh**, Ayoob Torkian, Mahzar Asadi. "Validation of Monod model for the removal of styrene from waste gas stream" 2009 International Symposium on Environmental Science and Technology. Donghua University, Shanghai, China, June, 2009.
2. **Reza Dehghanzadeh**, Ayoob Torkian, Mahzar Asadi. “Removal of styrene and acrylonitrile mixture in a gas phase bench scale biofilter” Air and Waste Management Association, Proceeding of 100th annual Conference & Exhibition, June, 2007, Pittsburgh, PA, USA.

3. **Reza Dehghanzadeh**, Ayoob Torkian, Babak Roshani, Mahzar Asadi. "Evaluation of biofilter performance in the co- treatment of styrene and acrylonitrile vapors mixture". International Congress on Biotechniques for Air Pollution Control, Oct., 2005, LaCoruna, Spain.
4. Babak Roshani, Ayoob Torkian, **Reza Dehghanzadeh** and Mohammad Reza Shahmansori "Performance evaluation of biofiltration in the removal of hydrogen sulphide from gas flue" International Congress on Biotechniques for Air Pollution Control, Oct., 2005, La Coruna, Spain.
5. Torkian A., **Dehghanzadeh R.**, Cox H., Iranpour R., "Performance evaluation of biofilters in treating waste gas streams contaminated with aromatic VOCs" Proceedings 5th international conference of TRG, Oct. 31 and Nov. 1, 2002, Newport Beach, california, USA.
6. Torkian A., **Dehghanzadeh R.** "Treatment of styrene-laden waste gas stream using compost based biofiltration" Proceeding of 96th annual air and waste management association, Jun., 2003.
7. Ayoob Torkian, **Reza Dehghanzadeh** and Afshar Shams "Effect of methanol loading rate on biofilter performance" 6th International Civil Engineering Conference, 2003, Isfahan, Iran.
8. Ayoob Torkian and **Reza Dehghanzadeh**, "Application of biofilter for treatment of toluene and xylene from waste gas stream" 4th National environmental Health Conference, 2001, Yazd Iran.
9. Vaezi Frogh and **Reza Dehghanzadeh**, "Performance evaluation of ozone for removal of detergent from water and wastewater" 2nd National environmental Health Conference, 1999, Tehran, Iran.
10. **Dehghanzadeh Reza** and Mahdi Ahmadi, "Performance evaluation of disinfectants used to at Emam Khomeyni hospital on patogens" 4th National Student Conference of Health Service Management, 2006, Shiraz, Iran.
11. **Reza Dehghanzadeh** and Ayoob Torkian, "Co-treatment of styrene and acrylonitrile mixture in a bench scale biofilter" 9th National environmental Health Conference, 2006, Isfahan, Iran.

12. **Reza Dehghanzadeh**, Mahzar Asadi and Ayoob Torkian, "Evaluation of medical waste management in Tehran city" 9th National environmental Health Conference, 2006, Isfahan, Iran.
13. **Reza Dehghanzadeh**, Esmail Fallah and Mahzar Asadi, "Environmental health role in communicable disease control at emergency and disasters" 9th National environmental Health Conference, 2006, Isfahan, Iran.
14. **Reza Dehghanzadeh Reyhani**, Baytollah Ghahramani and Ahmad Hashemi, "Application of ozone in reducing the health effects of irrigation with urban wastewater", 14th National Conference on Environmental Health, Yazd University of Medical Sciences, Yazd, Iran, October, 2011.
15. Maryam Hazrati, **Reza Dehghanzadeh Reyhani**, Amir Hesam Hasani, Amir Hossein Javid "Evaluation of the Performance of Ozonation and Coagulation and Flocculation for the Treatment of Hospital Wastewater" The 14th National Conference on Environmental Health, Yazd University of Medical Sciences, Yazd, Iran ,November. 2011
16. Ahmad Hashemi, **Reza Dehghanzadeh**, Iman Dianat "Study of the major problems in using swimming pools and providing the appropriate solution in emergency situations" Tehran.2011
17. **Reza Dehghanzadeh**, Khalil Ansarin, Habib Habibnia, Mahzar Asadi "Comparison of carbon monoxide concentrations in indoor and outdoor air of residential buildings in Tabriz" Full article, 11th National Environmental Health Conference, Zahedan University of Medical Sciences, November, 2008.
18. **Reza Dehghanzadeh**, Khadija Chaparak, Mahzar Asdi MR, Narimani. "Adaptive Study of the Development of Solid Waste Management Laws and Standards in Iran and the World" Full article, accepted as posters, 11th National Environmental Health Conference, Zahedan University of Medical Sciences, Zahedan, November 2008.
19. **Reza Dehghanzadeh**, Khadija Chaparak, Mahzar Asdi, MR Narimani. "Adaptive Study of the Development of Solid Waste Management Laws and Standards in Iran and the World" Full article, accepted as posters, 11th National Environmental Health Conference, Zahedan University of Medical Sciences, Zahedan, November 2008.

20. **Reza Dehghanzadeh Reyhani**, Mohammad Fahiminia, Mohammad Hassan Mahmoudian, Ali Asghar Habibpour, Marzieh Golverdi "Study on the feasibility of using joint systems for the treatment and recycling of solid waste and waste in rural areas". First National Conference on Environmental Protection and Sustainable rural Development, March, 2007, Qom University of medical sciences, Environmental Protection Organization, Tehran.
21. Somayeh Jafarzadeh, Somayeh Mosarizadeh and **Reza Dehghanzadeh** "The Health Effects of Drinking Water Containing Lead and Copper in Schoolchildren". Third Student Seminar on Health Sciences. Tehran University of Medical Sciences, Tehran, Iran.
22. Amane Hosseini, Elham Najjari and **Reza Dehghanzadeh** "evaluation of effect noise pollution effect caused by vehicle traffic on schoolchildren". Third Student Seminar of Health Sciences New Year, Tehran University of Medical Sciences, Tehran, Iran, March 2, 2006.
23. Elham Najjari, Masoumeh Mahmoudi and **Reza Dehghanzadeh** "Health Measures in the Explosion Time of Nuclear and Radioactive Bombs" Third Seminar on Student Health Sciences, March, 2006, Tehran University of Medical Sciences, Tehran.
24. Somayeh Mesrizadeh, Somayeh Jafarzadeh and **Reza Dehghanzadeh**, "Health Measures for Controlling the Dead Corps at Natural Disasters". Third Student Seminar on Health Sciences, March, 2006, Tehran University of Medical Sciences, Tehran.
25. **Reza Dehghanzadeh**, Bijan Bina and Ayoob Torkian, "Simultaneous treatment of styrene and acrylonitrile using biofilter in laboratory scale", accepted for lecture, Ninth National Conference on Environmental Health November, 2006.
26. **Reza Dehghanzadeh**, Ayoob Torkian, Mahzar Asadi and Mehdi Karimi-Nezhad "Evaluation of Tehran Hospital Management System in 2005", poster, 9th National Conference on Environmental Health November, 2006.
27. **Reza Dehghanzadeh**, Esmail Fallah and Mahzar Asadi, "Environmental health and its role in controlling contagious diseases in emergencies and disasters", poster, 9th National Conference on Environmental Health November, 2006.

28. **Reza Dehghanzadeh** and Mehdi Ahmadi "Evaluation of the performance of disinfectants and antiseptics used in Imam Khomeini Hospital in Tabriz", the fourth annual conference of health care management students of the whole country, May 2006, Shiraz University of Medical Sciences, Shiraz, Iran. .
29. . Ahmad Hashemi, **Reza Dehghanzadeh**, "Disposal Management of Human Sewage in Natural Disasters", National Conference on Nursing Challenges and Perspectives in Crisis, January, 2005, Tehran.
30. **Reza Dehghanzadeh Reyhani**, Babak Roshani and Mohammad Fahiminia. "Evaluating of environmental and economic feasibility for gas recycling facilities ((LFG) Landfill Gas Extraction)" Second Regional Conference on Solid Waste Management, Kurdistan University of Medical Sciences, Sanandaj, July 2005.
31. Turkian Ayoob, **Dehghanzadeh Reza** and Forough Shams A. "The Effect of Methanol Loading Rate and Retention Time on Biofiltration Performance" 6th International Conference on Civil Engineering, Isfahan, May, 2003.
32. Ayoub Turkian and **Reza Dehghanzadeh Reyhani**, "Application of Biofiltration for Toluene and Xylene Removal from Gas Flow", 4th National Congress of Environmental Health, Yazd Shahid Sadoughi University of Medical Sciences, Yazd, Iran, November 15-15, 2001.
33. Vaezi Forough, **Dehghanzadeh Reza** "Evaluation of Ozone Performance for Detergents Removal from Water and Wastewater", Second National Conference on Environmental Health, Tehran University of Medical Sciences, Tehran, Iran, November, 1999.
34. Torkian A., Dehghanzadeh R. "Treatment of styrene-laden waste gas stream using compost-based biofiltration" Air and Waste Management Association, Proceeding of 96th annual air and waste management association, San Diego, CA, Jun., 2003.