

Name and surname: Dr. MOHAMADREZA MASSOUDI NEJAD

Latest Academic Degree: Doctorate Degree in Environmental Sciences.

Date of birth: 1961



Academic rank: professor

Educational group: Environmental Health

http://isid.research.ac.ir/Mohamadreza_Massoudinejad

Articles published in journals:

1- , Masoudnia M., to study accumulation of mercury inside body of Dulphines in the Pacific and Atlantic Oceans, water and environment 1999, Edition 38, pages 33-36.

2-Massoudinejad, M. R . , Imandel, Keramatollah, to study Tanen concentration in fruit of different oak varieties in Iran, academic journal of Environment Technology and Sciences, 2000, edition 5,6- pages: 89-105.

3-Massoudinejad , M . R . , Talebi, Akram , Plating Industry, difficulties and environment solutions in them, Academic journal of Health faculty, 2001, edition: 14, pages: 27-39.

4-Massoudinejad , M . R . , the importance of preserving oak trees for applying Tanon in refinery of Industrial wastes, Academic journal of Health Faculty, 2002, edition; 15, the 10th year, pages : 23-36

5-Massoudinejad , M . R . , Sahari Moghaddam,N., Refinery of home wastes by Aplachin plant, Academic journal of Health faculty, 2002, edition 16, the 10th year,pages 27-34.

6-Massoudinejad , M . R . , Rezazadeh Azari-M, to compare four different methods for extraction of Tanon from fruit of different oak varieties in Iran, Hakim Academic Journal, period: 6, edition 1, spring 2003, period 6, edition 1, pages: 81-88.

7-Massoudinejad , M . R . , Rezazadeh Azari-M, feasibility study for application of oak essence in removing heavy metals from plating industries wastes, academic journal of paramedical Sc, Shahid Beheshti Faculty of Paramedical Sc., summer 2003, the first year, second edition, pages 103 to 111.

8-Massoudinejad , M . R . , Yazdanbakhsh , A.R ., Removal of chrome and nickel from sewage- polluted water sources by using oak fruit , Koomesh , Journal of semnan university of Medical sciences , Autumn 2004 , vol . 6 , no . 1 , pp .7 , 14.

9-Massoudinejad , M . R . , Yazdanbakhsh, A.R, Mehraby, y. , comparing removal efficiency of chrome, nickel and cadmium from industrial sewages with PH controllers, Hakim. National Resserch center of Medical sciences, vol.7, No.3 Atumn 2004, 52-59.

10-Massoudinejad , M . R . , Khatiby, M. , To study the possible contamination of Tehran undergrand water with MTBE in 2003, pejouhandeh , Bimonthly Research Journal, April /May 2005; 10:No 43 , 392-397.

11-Massoudinejad , M . R . , Khatibi ,M., Batch and sanitary production of edible mushrooms by full electronique packages , J. of landscape , ISDLE , summer 2006 , third year , No.18 , pages: 20-23.

12-Azimi,A., Valizadeh, B., Massoudinejad , M . R . , Safarzadeh,E., Study for application of oak essence in removing heavy metals from tannary industries wastes, J. of Environmental, Faculty of Environmental, Tehran University, spring 2007, No.41, pp. 5-10.

13-Massoudinejad , M . R . , Manshoury,M., Yazdanbakhsh, A.R., Study on the reuse of Zamyad factory wastewater treatment plant effluent in irrigation, Iran, J. Environ. Health, Sci. Eng., 2006, Vol.3, No.4, Autumn, PP.285-288.

14-Massoudinejad , M . R . , Rezazadeh Azary, M., Khatiby, M., Treatment of wastewater in plating industry by chelate extraction method, Iran, J. Environ. Health, Sci. Eng., 2007, Vol.4, No.1, Winter, pp.13-21.

15-Azari, M., Falaki, F., Massoudinejad , M . R . , Assessment of Dioxin-like compounds released From Iranian industries and municipalities, J. Res. Dis. Tho. Sur.Int and Tub., TANAFOS, 2007, vol.6, No.3, pp. 56-64

16-Massoudinejad , M . R . , Manshoury, M., Khatibi, M., Adibzadeh, A., Amini, H., Hydrogen sulfide Removal by thiobacillus thioparus Bacteria on sea shell Bed Biofilters, Pakistan Journal of Biological sciences, 2008, Vol.11,No.6,pp.920-924.

17-Azari, M.R., Massoudinejad , M . R . , Motesadi, S., A new Sampler and Analysis method for BTEX in ambient air, J. Res.Dis.Tho.sur.Int and Tub.TANAFOS, 2008,Vol.7,No.3,pp.47-52.

18-Azari,M.R., Ghadjari, A., Massoudinejad , M . R . , Faghih Nasiree,N., Air borne Microbial contamination of Dental units,J.Res.Dis.Tho.sur.Int and Tub.TANAFOS, 2008,Vol.7,No.2,pp.54-57.

19-Massoudinejad , M . R . , Leili , M., Adib Zadeh, A., khatibi, M., Evaluation of Different Packing Media capacities used in the Biofilters for Hydrogen sulfide (H₂S) Removing from polluted Air, Bimonthly Research Journal, Pejouhandeh, vol. 13, No. 5(65) , Dec 2008, pp. 405-415.

20-Soori , h . , Eyni , a . , Movahadinejad , a . , **Massoudinejad , M . R . ,** A practical model of political mapping in iran in 2008 , national institute of health research (NIHR) hakim research journal vol. 12, No . 3 Autumn 2009, pp. 1 -10 .

21-**Massoudinejad , M . R . ,** Manshoury, M., Khatibi, M., Design, production and evaluation of electronic Hook for mice population Controlling , iranian journal of health and environment, a quarterly journal of the iranian association of environmental health , vol. 3, No . 3 Autumn 2010, pp. 347-358.

22-Mansouri , N. , **Massoudinejad , M . R . ,**Asilian , H . , Mafrashi ,A . , determinants of natural zeolite clinoptilolite adsorption capacity for removing NO₂ , BEHBOOD journal , kermanshah university of medical sciences , vol. 14, No . 3 Autumn 2010, pp. 197-205.

23-**Massoudinejad , M . R . ,** Amoozegar ,M.A.,Adibzadeh , A. Khatibi, M.,and , Leili , M. , The Evaluation of Acclimate Thiobacillus thioparus in Removal Hydrogen Sulfide from Polluted Air , iranian journal of Biology (IJB) Scientific Research Volume 23, no. 6 ,PP.799 -808 .

24-Ainy , E. , Soori , H., Nasermodeli ,A. , Movahedi , M . ,Mehmandar , M.R. , Mahfozphoor , S. , **Massoudinejad , M . R . ,** et al . , Association of provisional driver licensing intervention by police with changes in incidence and severity of road traffic injuries in Iran ,J. , Injury Prevention , Volume16 , Issue 1 , A3 doi : 10 . 1136 / ip . 2010, 29215/8.

25-Movahedi M. , Soori , H. Nasermodeli , A. , Ainy , E. ,Mehmandar **Massoudinejad , M . R . ,** , Hatam Abady., H . R . Association of mandatory seat belt use legislations intervention by traffic police with changes in road traffic injuries in Iran ,J. , Injury Prevention , Volume16 , Issue 1 , A3 doi : 10 . 1136 / ip . 2010, 29215/9 .

26-Soori , H. , Nasermodeli , A. , Ainy , E. , Movahedi M. , **Massoudinejad , M . R .** , Hatam Abady, H . R . , Association of mandatory seat belt use legislations intervention by traffic police with changes in road traffic injuries in Iran , Hakim Research Journal 2009 ;12 (1) : 48-54 .

27-Nasermodeli , Soori , H. , Movahedi , M . ,A. , Mehmandar , M.R. , Ainy , E. , Hatamabadi ,H . R . , Azari , M . , Mahfozphoor , S. ,Vafae, R. , **Massoudinejad , M . R .** , Association of a few interventions by police with changes in traffic injuries in Iran , traffic injuries in Iran , ,J. , Injury Prevention , Volume16 , Issue 1 , A4-A5 doi : 10 . 1136 / ip . 2010, 29215/15 .

28-Soori , H. , Royanian , M. , Ainy , E. , Movahedinejad , A . , Movahedi , M . , Mahfozphoor , S. , Hatamabadi ,H . R . , Vafae, R. , **Massoudinejad , M . R .** , Political Mapping study and a practical model presentation on pertaining to the state of road traffic Injury in Iran 2008-2009 ,J. , Injury Prevention , Volume16 , Issue 1 , A1 doi : 10 . 1136 / ip . 2010, 29215/3 .

29-Soori , H. , Royanian , M. , Ainy , E. , Movahedinejad , A . , Movahedi , M . , Mahfozphoor , S. , Hatamabadi ,H . R . , Vafae, R. , **Massoudinejad , M . R .** ,Road traffic injuries in I . R . IRAN : the role of interventions implemented by traffic police ,J. , Injury Prevention , Volume16 , Issue 1 , A3 doi : 10 . 1136 / ip . 2010, 29215/10 .

30- Chavoshi , Behnam , **Massoudinejad , M . R .** , Adibzadeh , Amir , Evaluation the Amount of Emission and Sulfur Dioxide Emission Factor from Tehran Oil Refinery , Iranian Journal of Health and Environment, A Quarterly Journal of the Iranian Association of Environmental Health , Vol. 4, No . 2 Summer 2011, pp. 233-244 .

31 - Massoudinejad, M.R., Alinejad , A . , Mohammadi , H . , Aghayani , I . , Najafi , H . , Mehdipour , F . , Parse , I . , Fazeli , S., The study of potassium ferrate application efficiency for advanced , Journal of Shahrekord University of Medical Sciences (J Shahrekord Univ Med Sci) 2013 June, July; 15(2): 100-108.

32 - Massoudinejad , M . R . , Yazdanbakhsh , A . R . , Sharifi Maleksari , H . , Investigation of Electrocoagulation Process Efficiency for Color Removal from Polyacrylic Textile Industrial Wastewater , Journal of water and weastwater treatment , A Quarterly Journal of the water and weastwater treatment esfahan research center .

33 – Massoudinejad , M . R . , Sharifi Maleksari , H . , Mazaheri Tehrani , A . , Investigation the Efficiency of Electrolysis Process using 3 Dimensional Graphite Electrodes for Decolonization of Phenolphthalein and Phenol red from Aqueous Environments , Iran. J. Health & Environ., A Quartery Journal of the Iranian Association of Environmental Health , 2012, Vol. 5, No. 4 .pp. 355 – 366 .

34 – Eslami , A . , Massoudinejad , M . R . , Ghanbari , F., Moradi , M . , Study on Treatability of Real Textile Wastewater by Electrochemically Generated Fenton Reagent using Graphite Felt Cathode , Iran. J. Health & Environ., A Quartery Journal of the Iranian Association of Environmental Health ,2012, Vol. 5, No. 4 , PP . 273 – 282 .

35 - Jafari , M. J . , Omid , L . , Rezazadeh Azari , M . , Massoudinejad , M. R., Namdari , M . , The comparison of ammonia removal from air by a wet scrubber packed with ceramic Raschig rings and PVC , shahid sadoghe yazd university of medical sciences , In press .

36 – Massoudinejad , M . R . , Mohamadi , H . , Eslami , A . , Joshani , GH . , Najafi , H . , Survey of saline and brackish waters desalination by carbon aerogel method and comparing with Electrolysis method ,

Iran. J. Health & Environ., A Quarterly Journal of the Iranian Association of Environmental Health ,2012, Vol. 5, No. 2 , PP . 157 – 166 .

37 - Nasermodeli ,A . , Soori, H . , Ainy, E . , Movahedi, M . , Mehmandar, M . R . , Mahfozphoor, S . , **Masoudeinejad, M . R .** , Hatamabadi, H . R . , Rezazadeh Azari, M . , Vafae , R . , Association of provisional driver licensing intervention by police with changes in incidence and severity of road traffic injuries in Iran,PAYESH, Health monitor J. of the Iranian Ins. For Health Sci. Res., Vol. 9, No. 1, January - March 2010 .

38 - yazdanbakhsh, A. R . , Massoudinejad, M. R . , Arman, k . Aghayani , E . , investigating the potential of Electro- coagulation- flotation(ECF) Process for pollutants Removal from Olive Oil Mill wastewater , Journal ,VOL,NO: J . APPL. Environ. Biol. sci. ,3(3)(22-28) ,2013.

39 – yazdanbakhsh ,A. R . , **Massoudinejad, M. R .** , Arman, k . , Aghayani , E . , : Modeling of Electro-Coagulation- Flotation Process for Olive Oil Mill Wastewater Treatment , Journal of American science ;2013 9(4s): 160-164. (ISSN: 1545-1003) .

40- Massoudinejad, M. R . , Arman, k . , Aghayani , E . , :**Ecological Risk Assessment To Olive Oil Mill Wastewater (OMW) With Bioassay On Plant Species** .J. Eco.Env.@ Cons. 20(1): 2014; pp. 237-242 .(ISSN: 0971-765x) .

41- Massoudinejad, M. R . , Aghayani , E . , Arman, k . , Gohari , f . , Mohamadi , H . , : **Investigation Of Saline And Brackish Waters Desalination By Carbon Aerogel Technology** . J . Appl. Environ. Boil. Sci . , 4 (3) 1 – 1 , 2014 pp . 432-437 . (ISSN : 2090-4274) .

42- Jafari,M.J. , Nourian,S. , Zendehtdel ,R. ,Massoudinejad ,M.R. ,Sarbakhsh, P. ,Rahmati, A.R. , Mofidi ,A.A. , The performance of a spray tower in scrubbing H2S from air , J. Safety Promotion and Injury

Prevention , 2 (4), 2014 , pp . 321-328 , e-ISSN:2383 -1901 p-ISSN:2345-2455 .

Presenting following articles at congresses held in Iran and other country:

1-Massoudinejad , M . R . , the relation of petrol stations in Tehran with accumulation of lead in surrounding atmosphere, plant and soil. Air pollution Seminar held at Tehran University of Medical Sc., 1990.

2-Massoudinejad , M . R . , to study Lead effects on blood of workers working at petrol pump stations in Tehran, the second research congress of petrochemical gas and oil held in Tehran, 1990.

3-Massoudinejad , M . R . , Diffusion of the Lead in surrounding air, soil and plants of petrol pumps station in Tehran, 1991.

4-Massoudinejad , M . R . , The role of simultaneous effects of mixture of active sludge and active carbon powder in refinery of urban wastes, Municipality and city seminar, Health and safety in Shiraz, 1992.

5-Massoudinejad , M . R . , Shojaie H, to study pollution of salt extracted from Maharloo sea and its effects on baking bread and water refinery in Shiraz, General Seminar of environment health held at Tehran University of Medical Sc., 1995.

6-Massoudinejad , M . R . , Immandel K, to study concentration of Tanon in fruits of oak varieties in Iran. The first meeting of Manpower training at Specialized Doctorate Degree courses, Tehran, Aug. 21 to Aug. 22, 2000.

7-Massoudinejad , M . R . , Imandel, K, Yasa N, to compare different methods for extract of Tanon from fruit of oak different varieties in Iran, the first International meeting of Traditional Medicine and Medical substances, Tehran, Nov. 7 to Nov. 10, 2000

8-Massoudinejad , M . R . , Rezazadeh Azari, Mansour; feasible study of applying oak essence in removing heavy metals from plating industries wastes, the 4th General Conference of Environment , Yazd, Nov.6, to Nov.8, 2001.

9-Massoudinejad , M . R . , Yazdanbakhsh A, to compare removal efficiency of Chrome, Nickel and Cadmium from industrial wastes by PH controllers, the 5th General Conference on Environment, Iran University of Medical Sciences, 26th to 28th Oct. 2002.

10-Massoudinejad , M . R . , Yazdanbakhsh A, Removal of Chrome and Nickel from underground water resources contaminated to wastes by using oak fruit essence, the first congress on preventive noncontagious diseases, Research Center of Metabolism and Endocrine , 29th – 1th Nov. 2002.

11-Massoudinejad , M . R . , Khatiby, M. , To study the possible contamination of Tehran under grand water with MTBE in 2002, 8th National congress on Environmental Health, tehran university of medical sciences, 8-10 Nov.2005

12-Massoudinejad , M . R . , Yazdanbakhsh A, effective petroleum without lead as human and Environmental , occupation , and concer in Iran, Tehran , May 27 to May 29,2006.

13-Massoudinejad , M . R . , Khatiby, M. , Adibzadeh , A., Amini, H., Elimination of Hydrogen sulfide by compost Biofilters a lab scale, the 1th National confarence on world Environmental day, Tehran university, Tehran, June 11,2007.

14-Massoudinejad , M . R . , Yazdanbakhsh,A., Khatiby, M. , Removing dye in the sewage produced by wearing ployacrylic Industry through oxidation by chloring, the 1th National confarence on world Environmental day, Tehran university, Tehran, June 11,2007.

15-Massoudinejad , M . R . , Khatiby, M., sick building syndrome (SBS), the 1th congress of Hospital Infection control, code No. 11027242, Shahid Beheshti University of Med. Sci., Tehran, Iran, 7 – 9 November 2007.

16-Massoudinejad , M . R . , Khatiby, M., Adibzadeh, A., Amini, H., Hydrogen sulfide removal by thiobacillus thioparus Bacteria on sea shells media Bio-filters, the 10th General conference of Environment, hamedan,oct., 30, to nov., 1, 2007.

17 - Massoudinejad , M . R . , Khatiby, M., Air Pollution Control by Biofilteres in the Calfculture and a viculture, the first conference on Environment Impact Assessment , Qoum University of medical sciences, 26 to 27 February, 2008.

18- Massoudinejad , M . R . , Production of edible agaricus bispourus in the deprive country of Iran, 1st National Congress of Plant Biology, Payam Noor university of Talesh, August 13 to August 15, 2008.

19- Massoudinejad , M . R . , Rezazadeh Azari,M., Decrease of Textile wastewater Indicators for Biological Tretment , The first conference of microbiology in the Industrial, Islamic Azad University,north unit, 12 November,2008.

20- Massoudinejad , M . R . , Removed of Gaseous contaminates from mines by Activated carbon filters, The 8th congress on safety, Health & Environment in Mines and Related Industries, Tehran- IRIB Int'l confrence center, 25-27 Novamber,2008.

21- Massoudinejad , M . R . , Quality hygienic increase and alimentary mushroom manufacture in full electronic package, 2th congress on Food process of costruction, Tarbiat Modares university, Tehran, Int'l confrence center kanoon,1-2 December, 2008

22- Massoudinejad , M . R . , Fallahzadeh , R. A. , Design and making software for determine hydraulic parameters , The 4th conference & Exhibition on Environmental Engineering ,University of Tehran ,Tehran , 30 Oct - 3 Nov ,2010 .

23- Massoudinejad , M . R . , Fallahzadeh , R. A. , Design and making software for water treatment in the city zones by simulation , The 4th conference & Exhibition on Environmental Engineering ,University of Tehran ,Tehran , 30 Oct - 3 Nov ,2010 .

24- Massoudinejad , M . R . , Aghayani , a . , Alinejad , a . , Application of carbon aerogel for electrolyte removal of trace element from aqueous solutions , The first conference of clean water , University of shahid abbaspor , Tehran ,2-3 march 2011.

25- Fallahzadeh , R.A. , Massoudinejad , M . R . , Farahzadi M.H. , and Pour seyed , S.M.,Using Environmental Purification Technology to Improve Surrounding Soil and Water Storage Tanks Protection Against Environmental Pollution , proceedings of the 1st International Conference on Non Osmosis Concrete (1st ICNOC) – Water Storage Tank , IRAN , February 2011 .

26- Soori , H. , Massoudinejad , M . R . , Ainy , E. , Rezazadeh Azari , M . ,Reviewing rules and regulations of RTLs by focusing on opportunities and weaknesses of rules , 10th National conference on injury prevention and safety promotion , Brisbane convention and exhibition center , 2-4 november 2011.

27- yazdanbakhsh , A . , Massoudinejad , M . R . , Agayani , A . , Mahdipoor , F. , Gambari , F . , Study on the Efficiency water Treatment using Electro-coagulation-Flotation (ECF) process , 14th National Conference on Environmental Health (NCEH) , Yazd , Nov , 2011 .

28 – Fallahzadeh , R . , A . , **Massoudinejad , M . R . .** , Gadirian , D . . , Localization device manufacturer ALKTROMEDEXE by Pak Zist Pazhoh , 14th National Conference on Environmental Health (NCEH) , Yazd , Nov , 2011 .

- -----

Compilations:

1-Massoudinejad , M . R . . , Khani , M . , Manshoori ,M . , Surveying, first Edition, Diba Garan Ketab publications, Tehran, 1998.

2-Massoudinejad , M . R . . , Khani , M . , Manshoori ,M . , Surveying, 2nd Edition, Diba Garan Ketab publications, Tehran, 1999.

3-Massoudinejad , M . R . . , Khani , M . , Manshoori ,M . , Surveying, 3rd Edition, Diba Garan Ketab publications, Tehran, 2000.

4-Massoudinejad , M . R . . , Khani , M . , Manshoori ,M . , Surveying, 4nd Edition, Diba Garan Ketab publications, Tehran, 2001.

5-Massoudinejad , M . R . . , Khani , M . , Manshoori ,M . , Surveying, 5nd Edition, Diba Garan Ketab publications, Tehran, 2002.

6-Massoudinejad , M . R . . , Khani , M . , Manshoori ,M . , Surveying, 6nd Edition, Diba Garan Ketab publications, Tehran, 2003.

7-Massoudinejad , M . R . . , Khani , M . , Manshoori ,M . , Surveying, 7nd Edition, Diba Garan Ketab publications, Tehran, 2004.

8-Massoudinejad , M . R . . , Khani , M . , Manshoori ,M . , Surveying, 8nd Edition, Diba Garan Ketab publications, Tehran, 2005.

9-Massoudinejad , M . R . . , Khani , M . , Manshoori ,M . , Surveying, 9nd Edition, Diba Garan Ketab publications, Tehran, 2007.

10-Massoudinejad , M . R . . , Amal saleh, E., sajjadi , S., Razaatbakhsh,M., English language for students of Environment Hygiene, 1 nd Edition, SAMT publications, Tehran, 2000.

- 11-Massoudinejad , M . R . ,** Amal saleh, E., sajjadi , S., Rafaatbakhsh,M., English language for students of Environment Hygiene, 2nd Edition, SAMT publications, Tehran, 2001.
- 12-Massoudinejad , M . R . ,** Amal saleh, E., sajjadi , S., Rafaatbakhsh,M., English language for students of Environment Hygiene, 3rd Edition, SAMT publications, Tehran, 2003.
- 13-Massoudinejad , M . R . ,** Amal saleh, E., sajjadi , S., Rafaatbakhsh,M., English language for students of Environment Hygiene, 4nd Edition, SAMT publications, Tehran, 2005.
- 14-Massoudinejad , M . R . ,** Amal saleh, E., sajjadi , S., Rafaatbakhsh,M., English language for students of Environment Hygiene, 5nd Edition, SAMT publications, Tehran, 2007.
- 15-Massoudinejad , M . R . ,** Amal saleh, E., sajjadi , S., Rafaatbakhsh,M., English language for students of Environment Hygiene, 6nd Edition, SAMT publications, Tehran, 2008.
- 16-Ministry of health and Medical Education ,** Textbook of public Health, first edition, Arjomand publications, Tehran, 2005.
- 17-Ministry of health and Medical Education ,** Textbook of public Health, 2nd edition, Arjomand publications, Tehran, 2007.
- 18-Ministry of health and Medical Education ,** Textbook of public Health, 3nd edition, Arjomand publications, Tehran, 2010.
- 19-Ministry of health Shahid Beheshti University of Med. Sci.,** Basic Concepts of Nosocomial Infection Control, pediatric infectious research center, November 2007.
- 20-Ministry of Health shaheed Beheshty university of Med. Sci. ,** Training manual of road traffic injury prevention, first Edition, SAAS NAJA publications, Tehran,2008.

21-Massoudinejad , M . R . , Fallahzadeh, R.A., Fundamentals of water resources treatment and operation (using animation), hafiz publications Tehran, 2009.

22-Massoudinejad , M . R . , Engineering Methods Management in Environment Structure Reformation for Traffic Accidents Opposition , Parham publications Tehran, 2010.

23-Massoudinejad , M . R . , Eravani , E. , Aghayani , e. , Water Treatment Principles , first edition , Shaherab publications, Tehran, 2010.

Research projects:

1-Project's co-partner: Massoudinejad , M . R . , Project's executor: Ghiasoldin M, to study lead in Tehran atmosphere, Financier: Research Institute of Health Sc. Of Tehran Medical Sc. University. Location: Tehran, starting date: 1988 finishing date: 1989.

2-Project's executor: Massoudinejad , M . R . , Project's co-partner: Shojaie H, to study pollution (contamination) of salt extracted from Maharloo sea as the result of releasing wastes of the city of Shiraz. Financier: Shiraz University of Medical Sc., location: Shiraz, Starting date: 1992 finishing date: 1994

3-Project's executor: Massoudinejad , M . R . , Project's co-partners: Rezazadeh, Azari, Mansour and Imandel, Keramatollah. Title: Feasible study of application of oak essence in removal of heavy metals from wastes of plating industries. Financier: Research Deputy of Shahid Beheshti University of Medical Sc., Date of project's ratification: Aug. 4, 1999 Finishing date: Aug. 4, 2001.

4-Project's co-partner: Massoudinejad , M . R . , Project's executor: Yazdanbakhsh. Ahmad Reza, to study UASB reactor efficiency in active sludge with growth media for the purpose of removal of Phenol from

Wastes. Financier: Research Deputy of Shahid Beheshti University of Medical Sc. Date of project's ratification: Feb. 24, 2002 Finishing date: Feb. 24, 2004

5-Project's executor: Massoudinejad , M . R . , To study probability of contamination of underground water resources of Tehran (contaminated to: Methyl, ether butile , acerbity) (MTBE) in 2003. Financier: Iranian National Medical Sciences Research Center. Date of project's ratification: March 16, 2003 finishing date: March 16, 2004.

6-Project's executor: Massoudinejad , M . R . , designing Water distribution and supply system of Aloak Water Supply Complex in Varamin region in 2002. Financier: Rural Water and Sewage Company. Date of project's ratification: March 2003. Finishing date: March 2004.

7-Project's executor: Massoudinejad , M . R . , Design of Water distribution and Supply System of Shemshak Water Supply Complex in Shemiranat, in 2003. Financier: Rural Water and Sewage Company, Date of project's ratification: June 2003 finishing date: June 2004.

8-Project's executor: Massoudinejad , M . R . , Design of Refinery house of Taftris paint and Weaving industries located at Takestan in 2004. Financier: Taftris Dyeing and Weaving industry, date of project's ratification: Jan. 15, 2004 finishing date: Jan. 14, 2005

9-Project's executor: Massoudinejad , M . R . , To study probability of contamination of underground water resources of deep well in Tehran zone of savojblagh , in 2004. Financier: Rural water and sewage company, Date of projects ratification: July 2004 finishing date: July 2005.

10-Project's executor : Massoudinejad , M . R . , Hydrogen sulfide removal by thiobacillus thioparus Bacteria on Compost media and Activated Carbon media Bio-filters, financier : Research Deputy of

shahid Beheshti university of Medical Sc., Date of project's ratification : Oct 2006, finishing date : March 2007.

11-Project's executor: Massoudinejad , M . R . , To study, Design and production electronic hook order to mouses controlling , financier : Research Deputy of shahid Beheshti university of Medical Sc., Date of project's ratification : March. 2007, finishing date : March 2008.

12-Project's executor: Massoudinejad , M . R . , Design pressure water supply for garden in the Zamyad factory with human wastewater treatment, financier: Zamyad factory, Data of project's ratification: May 2007, finishing date: August 2007.

13- Project's executor: Massoudinejad , M . R . , Design and production pressure swing adsorbtion (PSA) for oxygen media, financier: Research Deputy of sci. and tech. unver. of Med.sci. in Tehran, Date of project's ratification: March 2007, finishing date: March 2008.

14-Project's executor: Massoudinejad , M . R . , Disinfection water by electrolize without use of chemical disinfection, financier: Research Deputy of shaheed beheshti university of medical sci., Date of project's ratification: December 2007, finishing date: May 2009.

15-Project's co-partner: Massoudinejad , M . R . , Project's executor: soori, Hamid, Study and situational anahysis of epidemiologic & administration of road traffic injuries in I.R. of Iran, Research Deputy of shahid beheshti uni. Of Med. Sci. Date of Project's ratification:oct.14, 2007,finishing date: Dec. 12,2008.

16-Project's executor: Massoudinejad , M . R . , Project's co-partner: kia kojory, R., water treatment by zeolite for softner, in 2009, financier: Rural water and sewage compeny and Research Deputy of shaheed beheshti university of medical sci., Date of project's ratification: December 2009, finishing date: December 2010.

17-Project's executor: Massoudinejad , M . R . , Amoniac Removal by Nithrozomonas Europa Bacteria on Biofilters, financier: Research Deputy of shaheed beheshty university of medical sci., Date of project's ratification: Feb 2010, finishing date Feb 2011.

18-Project's executor: Massoudinejad , M . R . , Survey of saline and brackish waters desalination by carbon aerogel method and comparing with Electrolysis method , Research Deputy of shahid beheshti uni. Of Med. Sci. , Date of project's ratification: September 2010, finishing date: May 2011 .

19-Project's executor: Massoudinejad , M . R . , Evaluation of bio aerosol generation device for the use in Persian toilet in the Hospital center, Safety Promotion & Injury Prevention Research Center. Tehran, Iran, Date of project's ratification: April 2010, finishing date: April 2011.

20-Project's executor: Massoudinejad , M . R . , A Comparative Study on The Capability Of Modified Zeolite From Mining Of Western Azarbaijan And Semnan , Research Deputy of Shahid Beheshti Uni. Of Med. Sci. , Date of project's ratification: march 2014, finishing date: september 2014 .

21-Project's executor: Massoudinejad , M . R . , A Comparative Study on The Capability Of Modified Zeolite With Fe and Kmno4 For Removal Fe²⁺ and Mn²⁺ From Water , Research Deputy of Shahid Beheshti Uni. Of Med. Sci. , Date of project's ratification: march 2014, finishing date: september 2014 .

Guidance professor :

1-Azimi, A., Supervisor, **Massoudinejad , M . R . ,** Advisor, Removal of Chrome from wastes of Tannery industries by oak essence (tanic acid), to

receive Master's Degree in the field of Environmental Engineering, faculty of Environment, Tehran University, 2002.

2- Massoudinejad , M . R . , Supervisor, Mansouri ,N. , Adviser ,MSc. Environmental Engineering science thesis , Title : Adsorption Capacity Consideration of natural zeolite, Clinoptilolite, for Removing NO₂ . to receive Master's Degree in the field of Environment Engineering, faculty of Environment, Graduate school of environmental and energy, Science and research Branch Tehran. No:p/85666 Date of : 2007.

3-Massoudinejad , M . R . , Supervisor, Sekhavatgoo,M. S. , Adviser ,MSc. Environmental Engineering science thesis , Title : Amonia Removal of polluted air with biological biofilters containing Thiobacillus Thioparus in Laboratory scale. To receive Master's Degree in the field of Environment Engineering, faculty of Environment, Graduate school of environmental and energy, Science and research Branch Khozestan. No:87/m/115 Date of : 2008.

4- Mansouri ,N., Supervisor, **Massoudinejad , M . R . ,** Adviser ,MSc. Environmental Engineering science thesis , Title : Evaluation of the Dispersion Model in a Tehran Refinery :To receive Master's Degree in the field of Environmental Engineering, faculty of Environment, Graduate school of environmental and energy, Science and research Branch Tehran. No: p/1058 Date of : 2008.

5- Massoudinejad , M . R . , Supervisor, Eslami , A. , Advisor ,MSc. Environmental Haelth Engineering science thesis , Title : Designing and manufacturing an apparatus for desalination of saline and brackish waters by carbon aerogel method and comparing with electro dialysis method . To receive Master's Degree in the field of Environmental Haelth Engineering, faculty of Haelth ,Shahid Bahashti University of Medical science Tehran. No: p/m/8789/4 Date of : 2010.

6- Massoudinejad , M . R . Supervisor,MSc. Environmental Engineering science thesis , Title : Evaluation of the Ditermine CO in the Central Road of Tehran :To receive Master's Degree in the field of Environmental Engineering, faculty of Environment, Graduate school of environmental and energy, Science and research Branch Tehran. No: p/28144 Date of : 2010.

7- Massoudinejad , M . R . , Supervisor, Yazdanbakhsh , A. , Advisor ,MSc. Environmental Haelth Engineering science thesis , Title :Performance Evaluation of Electro Reduction Process for Nitrate Removal from Water by Aluminum Electrodes in Presence of Chloride Ion . To receive Master's Degree in the field of Environmental Haelth Engineering, faculty of Haelth ,Shahid Bahashti University of Medical science Tehran. No: p/25/11/536 Date of : 2011.

8- Massoudinejad , M . R . , Supervisor, Yazdanbakhsh , A. , Advisor ,MSc. Environmental Haelth Engineering science thesis , Title :Investigation of Effective Factors on The Performance of Electrocoagulation Process for Dye Removal from Polyacrylic Textile Industrial Wastewater . To receive Master's Degree in the field of Environmental Haelth Engineering, faculty of Haelth ,Shahid Bahashti University of Medical science Tehran. No: 90/p/m/182 Date of : 2011.

9-Eslami, A. , Supervisor, **Massoudinejad , M . R . ,** Advisor ,MSc. Environmental Haelth Engineering science thesis , Title : Study on COD and Acidic Dye Removal from Textile Wastewater by Electrochemically Generated Fentons Reagent .To receive Master's Degree in the field of Environmental Haelth Engineering, faculty of Haelth ,Shahid Bahashti University of Medical science Tehran. No: p/25/11/954 Date of : 2011.

10- Massoudinejad , M. R., Supervisor, Manshori ,M., Advisor ,MSc. Environmental Haelth Engineering science thesis,Title :Survey of

Potassium Ferrate Application Efficiency for Advanced Effluent Treatment of Tehran Zargandeh Wastewater Treatment Plant .To receive Master's Degree in the field of Environmental Health Engineering, faculty of Health ,Shahid Bahashti University of Medical science Tehran. No: p/25/11/955 Date of : 2011.

11- Motesaddi Zarandi , s . , Supervisor, **Massoudinejad , M.R. ,** Advisor, MSc. Environmental Health Engineering science thesis,Title : Investigation the Efficiency of Biological filters for Ammonia removal.To receive Master's Degree in the field of Environmental Health Engineering, faculty of Health,Shahid Bahashti University of Medical science Tehran. No: p/25/11/956 Date of : 2011.

12- Massoudinejad , M.R. , Supervisor, Mansouri ,N. Advisor, MSc. Environmental Health Engineering science thesis,Title : A Study concentrations of carbon monoxide inside the cabin taxis in center Tehran city To receive Master's Degree in the field of Environmental Engineering, faculty of Environment, Graduate school of environmental and energy, Science and research Branch Tehran. Date of : 2010.

13-Yazdanbakhsh,A.R., Supervisor, **Massoudinejad,M.R.,** Advisor, MSc. Environmental Health Engineering science thesis,Title : Investigating the Potential of Electro-coagulation-Flotation (ECF) Process for Pollutants Removal from Olive Oil Mill Wastewater.To receive Master's Degree in the field of Environmental Health Engineering, faculty of Health,Shahid Bahashti University of Medical science Tehran. No: p/25/11/957 Date of : 2012.

14-Mahve,A.S.,Naseri,S., Supervisor ,Nabizadeh,R.,Faramarzi,A., Advisor, **Massoudinejad,M.R.,**Eslami,A., External Reviewer PhD. Environmental Health Engineering science thesis,Title : Evaluation of peroxidase enzyme Radysh Horse Oil removal from aqueous .To receive

phD Degree in the field of Environmental Health Engineering, faculty of Health, Tehran University of Medical science Date of : 2011.

15- Jafari, M.J., Supervisor, **Massoudinejad, M.R.**, Advisor, MSc. Occupational Health Engineering science thesis, Title : Determine the aerodynamic characteristics of the columns are filled with various filler materials. To receive Master's Degree in the field of Occupational Health Engineering, faculty of Health, Shahid Bahashti University of Medical science Tehran. No: p/25/11/958 Date of : 2012.

16- Shayagan, A., Supervisor, Kharashe, Advisor, **Massoudinejad, M.R.**, Master Reviewer phD. Environmental Engineering science thesis, Title : Design and construction of carbon-based catalyst for removal of volatile organic compounds from air. To receive phD Degree in the field of Environmental Engineering, faculty of Oil and Petroleum Engineering, Sarif University of science Date of : 2011 .

17- Jafari, M. J., Rezazadeh Azari, M., Supervisor, **Massoudinejad, M. R.**, Namdari, M., Adviser, Title : The Comparison Of Ammonia Removal From Air By A Wet Scrubber Packed With Ceramic Raschig Rings And PVC, To receive Master's Degree in the field of Occupational Health Engineering, faculty of Health, Shahid Bahashti University of Medical science Tehran. No: p/25/11/959 Date of : 2012.

18- Shayagan, A., Supervisor, **Massoudinejad, M.R.**, Adviser, Environmental Engineering science thesis, Title : A comparative study of the biological filter to remove ammonia from the air in industrial environments. To receive Master's Degree in the field of Environmental Engineering, faculty of Oil and Petroleum Engineering, Sarif University of science Date of : 2013 .

19- Majlasi, M., Supervisor, Yazdanbakhsh, A. R., Adviser **Massoudinejad, M. R.**, Master Reviewer, Title : Nitrogen From Wastewater Using

Simultaneous Nitrate Reduction And Anaerobic Ammonium Oxidation In Single Reactor, To receive Master's Degree in the field of Environmental Health Engineering, faculty of Health, Shahid Behashti University of Medical Science Tehran. Date of : March 2014.

20- Massoudinejad, M.R., Supervisor, Gagari, A., Adviser, Yazdanbakhsh, A.R., Master Reviewer, Titel : Survey Of Environmental Bioaerosols In ICU Ward Of Taleghani Hospital In Tehran By Petri-Dish Trapping Tech. And Bioaerosol Sampler In 2013, To Receive Master's Degree In The Field of Environmental Health Engineering, Faculty Of Health, Shahid Behashti University of Medical Science Tehran. Date of : March 2014.

21- Jafari, M. J., Supervisor, **Massoudinejad, M. R.**, Adviser, Rezazadeh Azari, Master Reviewer Titel : Experimental Study On Isochrones Removal Of Hydrogen Sulfide And Dust From The Air Stream By Spray Towers, To Receive Master's Degree In The Field Of Occupational Health Engineering, Faculty Of Health, Shahid Behashti University of Medical science Tehran. Date of : March 2014.

Registered Invention and innovations:

1- Design and making of Light table used for drawing .

2- Design and making of light board fixed on the wall .

3- Invention registration: Extraction of Tonic acid and Galic acid from fruit of oak tree as a substance used in refinery of industrial wastes, Registration No.: 19433 date of registration: March 10, 2004, Department for Registration of Companies and Industrial Ownership .

4- Invention registration: Design and making Batch design system for electric hook in the mouse trap, Registration No: 34250, date of

registration: 5 March, 2005, Department for Registration of Companies and Industrial ownership.

5-Invention registration: Design and making electronic system Batch Production mushroom order to Health Production optimization Increase Production in unit area and decrease worker, , Registration No: 34251, date of registration :5 March, 2005, Department for Registration of Companies and Industrial ownership.

6-Invention registration: Design and making biofilter for Hydrogen Sulfide removal by Thiobacillus Thioparuse Bacteria, registration No.38203 date of registration: 30 Dec, 2006, Department for Registration of Companies and Industrial ownership.

7-Invention registration: Design and making biofilter for Hydrogen Sulfide removal by Thiobacillus Thioparuse Bacteria, registration No.87/P/3/495 date of registration: 20, JUL, 2008, Ministry of health and medical Education.

8-Invention registration: Design and making Hydraulic system for determine Head loss in the pipe pressure, registration No.48846 date of registration: 1,JUN, 2008, Department for registration of companies and industrial owenship.

9-Invention registration: Design and making Hydraulic system for determine Head loss in the value pressure, registration No.48846 date of registration: 1,JUN, 2008, Department for registration of companies and industrial owenship.

10-Invention registration: Design and making Hydraulic system for determine ,coefficient of discharge rectangular, trapeziod and vee notch, registration No.48847 date of registration:1, JUN, 2008, Department for registration of companies and industrial owenship.

11- Invention registration: Design and making Hydraulic system for determine Head loss and minorloss in the fitting factor, registration No.48849 date of registration: JUN 1, 2008, Department for registration of companies and industrial owenship.

12-Invention registration: Design and making Hydraulic system for determine free jet and flowing fluid in the pipe pressure, registration No.48850 date of registration: 1, JUN ,2008, Department for registration of companies and industrial owenship.

13- Invention registration: Designing and implementation of an oxygen generator using molecular sieve method for medical applications , registration No.886054 date registration: 17, August ,2009,Department for registration of companies and industrial owenship .

14-Invention registration: Designing and implementation of , Production and Evaluation of Electronic Hook for Mice Population Controlling, registration No.886054 date registration: 17, August ,2009,Department for registration of companies and industrial owenship .

15- Invention registration: Simulation and Disigning of , Hydraulic system for determine Head loss in the pipe pressure, registration No.64680 date of registration: 15,May,2010, Department for registration of companies and industrial owenship.

16- Invention registration: Simulation and Disigning of , Hydraulic system for determine Head loss in the value pressure, registration No.64679 date of registration: 15,May,2010, Department for registration of companies and industrial owenship.

17- Invention registration: Simulation and Disigning of , Hydraulic system for determine ,coefficient of discharge rectangular, trapeziod and vee notch, registration No.64678 date of registration: 15,May,2010, Department for registration of companies and industrial owenship.

18-Invention registration: Simulation and Disigning of , Hydraulic system for determine free jet and flowing fluid in the pipe pressure, registration No.64676 date of registration: 15,May,2010, Department for registration of companies and industrial owenship.

19- Invention registration: Simulation and Disigning of , Hydraulic system for determine Head loss and minorloss in the fitting factor, registration No.64677 date of registration: 15,May,2010, Department for registration of companies and industrial owenship.

Selective plans of Festivals and domestic and international awards:

1-Research project of Lead concentration in surrounding air , soil and plants of petrol stations in Tehran, Selective of Kharazmi Festival, No. 11430 dated Jan. 12, 1992.

Miscellaneous :

1-Membership at Iran Hydraulic Society

2-Membership at Iran Water and Sewage Society

3-Membership at Environment specialists Educational Deputy of Health Faculty

4- Member of the Committee on School Health Promotion martyr Beheshti University of Medical Sciences.

5-Membership at Incubator of Shahid Beheshty university in Iran.

6-Membership at Iran society for development of landscape & Environment conservation.

7-Membership at Iranian Inventors Association

8- Membership of Safety Promotion and Injury Prevention Research Center,shahid Beheshti University of Medical Science,Tehran,Iran .

9-Head of editor Journal, Safety Promotion and Injury Prevention Research Center, shahid Beheshti University of Medical Science, Tehran, Iran .

Academic records:

1-High school diploma- Experimental Sc.- Kharazmi High school- Graduated in 1978 .

2-Bachelor's Degree- Environmental Hygiene- Tehran University- Graduated in 1985 .

3-Master's Degree- Engineering of Environmental hygiene- Tehran University- Graduated in 1989 .

4-Doctorate Degree- Environment – Research and Science Unit of Azad University- Graduated in 2001.

Work Record:

1-Researcher- Health Sciences Research Institute 1985 to 1987 .

2-Researcher- Industrial and Academic Research Center of Oil Company 1987 to 1989 .

3-Faculty member- Shiraz University of Medical Sc. 1989 to 1995 .

4-Faculty member- Shahid Beheshti University of Medical Sc. 1995 to now.

5-Head member - Safety Promotion & Injury Prevention Research Center 2008 to now .

Records of Executive tasks:

1-Design of Water Supply Network and Chamazkari village in Mazandaran province 1986 .

2-Design of Water supply Network and sanitation of Spring of Alasht village in Mazandaran province 1987 .

3-Sanitation of Spring and Water Storage Tanks of Mazandaran Province villages 1988 .

4-Head of 2nd Army Health Engineering Unit- Ahwaz- 1986 .

Head of Salman Headquarter (Ahawaz 2nd Army Drawing Unit) 1987 .

5-Sanitation of flood plain of Shiraz in order to control pollution releasing to Maharloo Sea (Fars Governor's Office Plan) , 1992.

6-To evaluate pollution of salt produced from Maharloo sea as the result of release of Shiraz City sewage, Research Deputy Office of Shiaraz University of Medical Sc., 1994.

7-Design of Sewage refinery of Zeynabieh Hospital, Research Deputy Office of Medical Sc. 1995 .

8-Design of sewage refinery of Galvanization (plating) industries by using modern method of applying of oak essence, Research Deputy of Shahid Beheshti University of Medical Sci., 1999.

9-Assessment of Rubbish collection project of Dist. 6 Tehran Municipality with respect of green space (Rubbish Separation Project), Research Deputy of Green Space, Recycling Unit of Dist. 6 in 2002.

10-Managing Director of Payab Engineering Services Company from 1996 to 1998.

11-Design and Manufacture of Drawing saloon, Bandar Abbas University of Medical Sc., 1997.

12-Design and Manufacture of workshop saloon for installment of pumps and educational pumps of Islamic Azad University, Tehran Medical Sc. Branch in 1998.

13-Design and Manufacture of Star and Triangle Electricity board for training in drilling of deep wells.

14-Manegment project (No. p/25/10/3/3760) Research Deputy of Shahid Beheshti University of Medical Sci. 8 Jul., 2007.