

# **Mohammadhossein Taghdisi**

## **Education**

### **1. B.Sc**

Mathematics, University of Isfahan, Isfahan, IRAN, 1970

### **2. MSPH**

Sanitary Engineering, University of Tehran, Tehran, IRAN, 1974

### **3. M.Sc**

Environmental Health Science, University of Kansas, Lawrence Kansas, USA, 1975

### **4. PhD**

Environmental Health Engineering, University of Kansas, Lawrence Kansas, USA, 1982

## **Honors and prizes**

**1. Diploma of Honor, Academy of Medical Sciences, Islamic republic of Iran, 2018**

**2. Dr LEE Jong-wook Memorial Prize for Public Health, WHO, 2016**

**3. Permanent Membership, Academy of Medical Sciences, Islamic republic of Iran, 2015**

**4. Alameh Tabatabai Prize, awarded by President of Islamic Republic of Iran, 2014**

**5. Ave Sina Prize, Tehran University Medical Sciences, 2013**

**6. Highest Scientific Medal, Professor Yalda Foundation, 2013**

**7. WHO World No Tobacco Day 2011 Award, 2011**

**8. Pioneer Professor, Tehran University of Medical Sciences, 2009**

**9. Letter of appreciation, Minister of Health and Medical Education, 8 times, in different years**

**10. Outstanding Dean, Tehran University of Medical Sciences, 1999**

**11. Outstanding Professor, Tehran University of Medical Sciences, 1997**

The course provided:

**1. Biological Fundamentals in Environmental Protection Systems**

MSc & PhD,

## 2. Chemical Processes for Water and Wastewater Treatment

MSc & PhD, .

### 3. Water Treatment Plant Design

MSc & PhD, .

### 4. Municipal Wastewater Treatment Plant Design

MSc & PhD, .

### 5. Industrial Wastewater Management

MSc & PhD, .

### 6. Advance Wastewater Treatment

MSc & PhD, .

## The articles

### In Persian

1. **Evaluation of fenton process efficiency in removal of tetracycline from synthetic wastewater.** Authors: Ghaffari, Y., Mahvi, AH., Alimohammadi, M., Nabizadeh, R., Mesdaghinia, AR., Kazemizad, L.

Journal of Mazandaran University of Medical Sciences, Vol.27, No.147, Year. 2017, Pp:291-305

2. **Assessment of Carcinogenic Risk and Non-Carcinogenic Hazard Quotient of Chromium in Bottled Drinking Waters in Iran.** Authors: Mesdaghinia, AR., Nasserri, S., Hadi, M.

Iranian Journal of Health and Environment, Vol.9, No.3, Year. 2017, Page:347-358,

3. **Analysis of Water Corrosion Tendency in Water Supply System Using Qualitative Indices and Calcium Carbonate Precipitation Potential Index.** Authors: Nabizadeh, R., Mesdaghinia, AR., Nasserri, S, Hadi, M, Soleimani, H., Bahmani, P.

Iran. J. Health & Environ, Vol.9, No.4, Year. 2017,

4. **Removal of dichloromethane from waste gas streams using a hybrid bubble column/biofilter bioreactor: effect of empty bed retention time and kinetic of bio filtration**

Authors: Naddafi, K., Mesdaghinia, AR., Abtahi., M., Yaghmaeian, K., Nabizadeh, R., Jaafarzadeh, N., Rastkari., N., Saeedi, R., Nazmara, SH.

Journal of Air Pollution and Health, Vol.1, No.2, Year. 2016,

5. **Concentration Assessment of Chromium and Arsenic Heavy Metals in Rivers Basins of Baft and Rabor Dams.** Authors: Malakootian, M., Mesdaghinia, AR., Soltani nejad, Y.

The Journal of Toloo-e-behdasht, Vol.15, No.1, Year. 2016, Page:51-64,

6. **The Photocatalytic Removal of Ortho Chlorophenol from Aqueous Solution Using Modified Fly Ash - Titanium Dioxide.** Authors: Malakootian, M., Mesdaghinia, AR., Rezaei,

SH.

Journal of Water & Wastewater, Vol.27, No.2, Year. 2016, Page:14-21,

**7. Determination of Toxic Metals Pollution using Extraction (TCLP) in Six Brands of Vermicompost Produced from Bio-Wastes in Tehran Iranian.** Authors: Past, V., Mesdaghinia, AR., Naderi, M. Journal of Health and Environment, Vol.9, No.2, Year. 2016, Page:289-298,

**8. Prediction of the waste stabilization pond performance using linear multiple regression and multi-layer perceptron neural network: a case study of Birjand, Iran.** Authors: Khodadadi, M., Mesdaghinia, AR., Nasserli, S., Ghaneian, MT., Ehrampoush, MH., Hadi, H. Environmental Health Engineering and Management Journal, Vol.3, No.2, Year. 2016, Page:81-89,

**9. Evaluation of Removal Efficiency of 2-Chlorophenol in Aquatic Environments by Modified Fly Ash**

Authors: Malakootian, M., Mesdaghinia, AR., Rezaei, Sh

Environmental Health Engineering and Management Journal , Vol.2, No.4, Year. 2015,

**10. Forecasting the air quality index based on meteorological variables and autocorrelation terms using artificial neural network**

Authors: Rostami Fasih, Z., Mesdaghinia, AR., Nadafi, K., Nabizadeh, R., Mahvi, AH., Hadi, M. Razi Journal of Medical Sciences Iran University of Medical Sciences, Vol.22, No.137, Year. 2015,

**11. Performance of a hybrid bubble column/biofilter bioreactor for removal of dichloromethane from waste gas streams**

Authors: Abtahi, M., Naddafi, K., Mesdaghinia, AR., Yaghmaeian, K., Nabizadeh, R., Jaafarzadeh, N., Rastkari, N., Saeedi, R., Nazmara, S  
Iran. J. Health & Environ, Vol.7, No.4, Year. 2015,

**12. Efficiency of ortho-chlorophenol removal from aqueous solutions using activated Fly Ash of Zarand Fossil Fuel Power Plant**

Authors: Malakootian, M., Mesdaghinia, AR., Rezaei, Sh

Scientific Journal of School of Public Health and Institute of Public Health Research, Vol.12, No.2, Year. 2014,

**13. Comparing efficiency natural pumice and modified with iron in removal Reactive Black5 dye**

Authors: Mesdaghinia, AR., Mahvi, AH., Fazlzadeh, M., Dehghani, MH., Heibati, B. , Sam Daliri, Z., Aghanejad, M.,  
Journal of North Khorasan University of Medical Sciences, Vol.5, No.2, Year. 2013,

**14. Optimum operating conditions in the phytoremediation of contaminated soils with Lead and Cadmium by native plants of Iran**

Authors: Amouei, A., Mahvi, AH., Naddafi, K., Fahimi, H., Mesdaghinia, AR., Nasser, S.,  
Science Journal Kurdistan University of Medical Sciences, Vol.17, No.4, Year. 2012,

**15. Study of Nitrate Reduction from Water Using Nanosized Iron**

Authors: Mesdaghinia, AR., Mahvi, AH., Nasser, S., Mohamadi, AA., Shekarriz, M.,  
Alimohamadi, M.,

Iran. J. Health & Environ, Vol.4, No.3, Year. 2012,

**16. Decolorization of Removal Brilliant Blue Royal by Ganoderma Sp. Immobilized in Sodium Alginate**

Authors: Mohammadian Fazeli, M., Naddafi, K., Mesdaghinia, AR., Nasser, S., Mazaheri  
Assadi, M., Yunesian, M.,

Iran. J. Health & Environ, Vol.5, No.3, Year. 2012,

**17. MTBE adsorption on Surfactant-Modified Zeolites from aqueous solutions**

Authors: Nabizadeh, R., Mahvi, Ah., Ghadiri, SK., Nasser, S., Mesdaghinia, AR.,  
Journal of North Khorasan University of Medical Sciences, Vol.4, No.3, Year. 2012,

**18. Field efficacy of expanded polystyrene and shredded waste polystyrene beads for mosquito control in artificial pools and field trials, Islamic Republic of Iran**

Authors: Soltani, A., Vatandoost, H., Jabbari, H., Mesdaghinia, AR., Mahvi, AH., Yunesian, M.,  
Hanafi-Bojd, Bozorgzadeh, S.,

Eastern Mediterranean Health Journal, Vol.18, No.10, Year. 2012,

**19. Design and Performance of Iranian National Portal for best practice of primary health care**

Authors: Majidi, MR., Mesdaghinia, AR., Rakhshani, F., Shariati, M., Khani, H  
journal of North Khorasan University of Medical Sciences, Vol.3, No.2, Year. 2011, Number of  
Page:65-68

**20. Survey on microbial quality of drinking water in rural areas of Kashan and the role of rural water and wastewater company in that improvement**

Authors: Heidari, M., Mesdaghinia, AR., Miranzadeh, MB., Yunesian, M., Naddafi, K., Mahvi,  
AH

Health System Research (HSR), Special Issue on Environmental, Year. 2011,

**21. Efficiency of the wastewater treatment system of a dairy plant and ways to improve it**

Authors: Mesdaghinia, AR., Nouri, J., Mahvi, AH., Vaezi, F., Naddafi, K., Ansarizadeh, M  
Scientific Journal of School of Public Health and Institute of Public Health Research, Vol.7,  
No.4, Year. 2010,

**22. Investigation the chemical quality and chlorination status od drinking water in Kashan's village**

Authors: Miranzadeh, MB., Medaghinia, AR., Heidari, M., Yunesian, M., Naddafi, K., Mahvi, AH.,

Health System Research (HSR), Special Issue on Environmental, Year. 2010,

**23. Efficiency of the Wastewater Treatment System of a Dairy Plant and Ways to Improve it**

Authors: 3. Mesdaghinia, AR., Nouri, J., Mahvi, AH., Vaezi, F., Naddafi, K., Ansarizadeh, M.,  
Scientific Journal of School of Public Health and Institute of Public Health Research, Vol.7,  
No.4, Year. 2010,

**24. "Organic carbon content and potentional for formation of disinfection by-products in drinking water of the water distribution sysem of Tehran, Iran",**

Authors: Zazoli, MA., Nasser, S., Mahvi, AH., Mesdaghinia, AR

Journal of School of Public Health and Institute of Public Health Research, Vol.7, No.3, Year. 2009,

**25. "Investigation of Existing Status of Hazardous Wastes Managment in Central Campus of Tehran University Medical Scienses, Iran",**

Authors: Nadaafi, K., Nabizadeh, R., Hassanvand, MS., Mesdaghinia, AR., Yaghmaeian, k., Momeniha

Iran. J. Health & Environ, Vol.2, No.2, Year. 2009,

**26. " Fenton Oxidation Efficiency in Removal of Detergents from Water"**

Authors: Mousavi, AR., Mahvi, AH., Mesdaghinia, AR., Nasser, S., Honari, HR.,

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**27. "The Quality Characteristics of Paksan Factory Industrial Wastewater"**

Authors: Mousavi, AR., Mahvi, AH., Mesdaghinia, AR., Nasser, S

", Behboud Magazine, Kermanshah University of Medical Sciences, Vol.12, No.1, Year. 2009,

**28. "Particulate matter concentrations and the air quality index in the central part of Tehran city, Tehran, Iran",**

Authors: Leili, M., Nadafi, K., Nabizadeh, R., Yunesian, M., Mesdaghinia, AR., Nazmara, Sh  
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**29. ., "Determining the Efficiency of WWTP in Khoy Power Plant and Improving Phosphorus Removal by Anoxic-Oxic Process**

Authors: Aganeghad, M., Mesdaghinia, AR., Vazi, F  
Iran. J. Health & Environ, Vol.2, No.1, Year. 2009,

**30. ., "Efficiency of the Fenton Process in detergent removal and improving biological treatability of wastewater of detergent - producing industries"**

Authors: Mousavi, AR., Mahvi, AH., Mesdaghinia, AR., Nasser, S  
Scientific Journal of School of Public Health and Institute of Public Health Research, Vol.6, No.1, Year. 2008, Page:63-73,

**31. "UV-lamp Intensity Determination Without Use of Radiometer"**

Authors: Mesdaghinia, AR., Vaezi, F., Dehghanifard, E., Mahvi, AH., Alimohammadi, M  
", Iran. J. Health & Environ, Vol.1, No.1, Year. 2008, Page:29-35,

**32. "The Possibility of methyl tertiary butyl ether removal by the point -of-use treatment of water using Iranian granulated active carbon",**

Authors: Mesdaghinia, AR., Nourmoradi, HA., Vaezi, F., Nasser, S., Nabizadeh, R., Alimohammadi, M., Nazmara, Sh  
Scientific Journal of School of Public Health and Institute of Public Health Resarch, Vol.6, No.2, Year. 2008, Page:23-30,

**33. "Study of Natural Oraganic Matter Characteristics and Fractions in Surface Water Resources of Tehran",**

Authors: Zazouli, MA., Nasser, S., Mesdaghinia, AR  
Iran. J. Health & Environ, Vol.1, No.1, Year. 2008, Page:1-7,

**34. Noise Pollution in Zanjan City in 2007**

Authors: Naddafi, K., Yunesian, M., Mesdaghinia, AR., Mahvi, AH., Asgari, S  
Scientific Journal of Zanjan University of Medical Sciences, Vol.16, No.62, Year. 2008, Page:85-96,

**35. "Application of Luffa As an Innovative Packing Media in an Aerated Submerged Fixed-Film Reactor (ASFRR) ",**

Authors: Nabizadeh, R., Nadafi, K., Vaezi, F., Nafez, AH., Mesdaghinia, AR., Kheyri, A  
Journal of Water and Wastewater, Vol.64, Year. 2008,

**36. Evaluation of the Effect of Offender Motorcyclists Penalty Enforcement Project on The Incidence of Road Traffic Accident Injuries in Tehran**

Authors: Younesian, M., Moradi, A., Khaji, A., Mesdaghinia, AR., Zargar, M  
Payesh, Vol.6, No.1, Year. 2007, Page:19-26,

**37. The Knowledge of Tehran citizens on environmental pollution, related effects and their information sources**

Authors: Mesdaghinia, AR., Yunesian, M., Naseri, S., Jafari, A., Moradi, A., Farahdoust, F.,  
Yaghoubi, L

Yaft-e, Vol.9, No.1, Year. 2007,

**38. Chromium (Cr+6) Removal from Aqueous Environments by Electrocoagulation Process Using Aluminum Electrodes**

Authors: Mahvi, AH., Bazrafshan, E., Mesdaghinia, AR., Nasser, S., Vaezi, F

Journal of Water & Wastewater, Vol.62, Year. 2007,

**39. Enhancement of 2, 4-dichlorophenol biodegradability by advanced oxidation with Fenton reagent**

Authors: Gholampour, A., Mesdaghinia, AR., Vaezi, F., Nabizadeh, R., Farrokhi, M., Ghasri, A

Scientific Journal of school of Public Health and Institute of Public Health Research, Vol.5,  
No.2, Year. 2007,

**40. A Comparative Study on THMs Removal Efficiencies from Drinking Water through Nanofiltration and Air Stripping Packed-Column**

Authors: Samadi, MT., Nasser, S., Mesdaghinia, AR., Alizadefard, MR

Journal of Water & Wastewater, Vol.57, Year. 2006,

**41. Enhancement of the Biodegradability of Methyl tert-Butyl Ether (MTBE) by Advanced Oxidation**

Authors: Sadeghi, M., Mesdaghinia, AR., Badkoobi, A., Nabizadeh, R

Journal of Water & Wastewater, Vol.58, Year. 2006,

**42. Process Optimization of Khoy Wastewater Treatment Plant Aerated Lagoons in Cold Climate Conditions**

Authors: Rahimi, Y., Mahvi, AH., Mesdaghinia, AR

Journal of Water & Wastewater, Vol.58, Year. 2006,

**43. Using Coagulation Process Optimizing Natural Organic Matter Removal From Low Turbidity Waters**

Authors: Mesdaghinia, AR., Tayefeh Rafiee, M., Mahvi, AH., Vaezi, F

Journal of Water & Wastewater, Vol.57, Year. 2006,

**44. The Efficiency of Upflow Anaerobic Sludge Blanket (UASB) in Soft Drnk Industry Wastewater Treatment**

Authors: Yari, AR., Mesdaghinia, AR., Nadafi, K., Vaezi, F., Safdari, M., Azizi far, M  
Water & Wastewater, Vol.55, Year. 2005,

**45. Efficiency of advanced oxidation and hydroxyl technology in methyl terciary – butyl ether**

Authors: Sadeghi, M., Mesdaghinia, AR., Badkoubi, A., Nabizadeh, R., Soleymanian, A.,  
Sharekord University of Medical Sciences' Journal, Vol.6, No.4, Year. 2005,

**46. Removal of Arsenic from Drinking Water Using Modified Activated Alumina**

Authors: Mosaferi, M., Mesdaghinia, AR  
Journal of Water and Wastewater, Vol.55, Year. 2005,

**47. Measurement of arsenic concentration in drinking water of a polluted area using a field and SDDC methods accompanied by assessment of precision and accuracy of each method”**

Authors: Mesdaghinia, AR., Mosaferi, M., Yunesian, M., Nasser, S., Mahvi, AH  
Hakim Research Journal, Vol.8, No.1, Year. 2005,

**48. Study the Kinetics of Activated Sludge in Integrated System (Fenton Oxidation/ activated Sluge) for Removal of 2,4,6 Trichlorophenol**

Authors: Farokhi, M., Mesdaghinia, AR  
Gilan University of Medical Sciences, Vol.14, No.53, Year. 2005,

**49. "A Study of the Quality of Tabriz Power Plant Effluent with Talkherood Water Quality",**

Authors: Asl Hashemi, A., Mesdaghinia, AR  
Tabriz University of Medical Sciences, Vol.27, No.1, Year. 2005, Page:13-16,

**50. Biodegradability Enhancement of 2,4,6 Trichlorophenol (TCP) by Fenton’s oxidation process”,**

Authors: Mesdaghinia, AR., Farrokhi, M., Nasser, S., Yazdanbakhsh, AR  
Hakim Research Journal, Vol.7, No.2, Year. 2004,

**51. Biological Phosphorus Removal from Wastewater with Continuous Flow Sequencing Batch Reactors**

Authors: Mahvi, A., Mesdaghina, AR., Karakani, F  
Journal of Shahid Sadoghi University of Medical Sciences and Health Services, yazd, Vol.12, No.1, Year. 2004,



**52. Quantitive and Qualitive Evaluation of Textile, wood, paper and Tannery Industries in Great Tehran**

Authors: Mahvi, AH., Javid, AB., Mesdaghinia, AR  
J. Env. Sci. Tech, Vol.20, Year. 2004,

**53. Waste water quality and quantity of great Tehran chemical and electronic industries**

Authors: Mahvi, AH., Izanloo, H., Mesdaghina, AR., Nasser, S., Hosseini, M  
Quarterly Journal of Hormozgan University of Medical Sciences, Vol.8, No.3, Year. 2004,

**54. "Effect of electrochemical process on phosphorous removal from activated sludge effluent**

Authors: Rabbani, D., Mesdaghinia, AR., Nasser, S., Naddafi, K  
Feyz Scientific journal of Kashan University of Medical sciences, Vol.27, Year. 2003,

**55. ., "Biological Removal of Phthalic Acid Using SBR System"**

Authors: Pirsahab, M., Mesdaghinia, AR., Nasser, S., Naddafi, K  
Journal of Shahid Sadoghi University of Medical Sciences and Health Services, yazd, Vol.11, No.1, Year. 2003,

**56. "Bromide Removing from Water Resources Using GAC Coium and Resin"**

Authors: Azizi, K., Mesdaghinia, AR., Vaezi, F., Nasser, S  
Journal of School of Public Health and Institute of Public Health Research, Vol.1, No.1, Year. 2003,

**57. "Recycling and Reuse Potential for Effluents of Metal and non-Metal Industries of Tehran Metropolitan Area**

Authors: Nasser, S., Mesdaghinia, AR., Mahvi, A., Afsharnia, M  
Hakim Journal, Vol.5, No.3, Year. 2002,

**58. "Oxygen Consumption Rates in the Sanitary Sewerage Pipelines",**

Authors: Dindarloo, K., Naddafi, k., Mesdaghinia, AR  
Quarterly Journal of Hormozgan University of Medical Sciences, Vol.6, No.3, Year. 2002,

**59. ., "The Effect of Lyophilizing on Kinetic Factors in Activated Sludge"**

Authors: Naddafi, K., Mesdaghinia, AR., Shariat, M., Moussavi, G.,  
Journal of Shahid Sadoughi University of Medical Sciences, Vol.9, No.4, Year. 2001,

**60. ., "Dispersion Factors of Air Pollutants generated by Chemical Industries in Tehran**

Authors: Ghiaseddine, M., Mesdaghinia, AR., Shariat, M., Nazmara, S.,  
Hakim Journal, Vol.4, No.1, Year. 2001,

61. ., **“The role of Iris Pseudacorus Plant in Wastewater Treatment in Subsurface Constructed Wetland**

Authors: Youssefi, Z., Mesdaghinia, AR., Giaseddine, M., Nasser, S  
Mazandaran University of Medical Sciences Journal, Vol.31, No.11, Year. 2001,

62. ., **“Application of Clinoptilolite Zeolite from Semnan Area for the removal of Ammonium Nitrogen from polluted water”**,

Authors: Rahmani, A., Mahvi, A., Mesdaghinia, AR., Nasser, S., Shariat, M.,  
Journal of Hamadan University of Medical Sciences, Vol.3, Year. 2001,

63. **“Study of Collection and Removal of the Industrial Solid Wastes in Tehran”**

Authors: Omrani, Gh., Mesdaghinia, AR., Shariat, M., Salimi, S  
”, Hakim Journal, Vol.4, No.3, Year. 2001,

64. **“Determination Methodology of Biomass and PACT Process”**

Authors: Jafarzadeh, N., Mesdaghinia, AR., Nasser, S., Shariat, M., Messbah, A  
”, Iranian journal of Public Health, Vol.29, No.1-4, Year. 2000,

65. **“Efficiency Study for Integrated Stabilization Pond (LSP) in Municipal wastewater Treatment**

Authors: Miranzadeh, M., Mahvi, AH., Mesdaghinia, AR., Nasser, S., Vaezi, F.,  
Feyz Scientific journal of Kashan University of Medical sciences, Vol.13, Year. 2000,

66. **“Determination of Water Quality Parameters needed for Tabriz Steam Power Plant”**

Authors: Aslhashemi, A., Mesdaghinia, AR., Giaseddin, M., Mahvi, AH.,  
Journal of Ilam University of Medical Sciences, Vol.9, No.26-27, Year. 2000,

67. ., **“Absorption of Cr(VI) by MLSS in a Batch Activated Sludge System”**,

Authors: Taghavi, K., Mesdaghinia, AR  
”, journal of Gilan University of Medical Sciences , Vol.8, No.29-30, Year. 1999,

68. ., **“Heavy Metals Removal from Industrial Effluents Using Sulfate Reducing Bacteria”**

Authors: Mahvi, AH., Fakhri, M., Mesdaghina, AR  
Scientific Magazine of Yazd University of Medical Sciences, Vol.7, No.2, Year. 1999,

69. **“A Systematic Method for Analyzing Hydraulic Regime in Fixed Activated Sludge Reactors”**

Authors: Nabizadeh, R., Mesdaghinia, AR., et al  
journal of Man and Environment, , Vol.3-4, Year. 1999,  
70. ., **“Efficiency Evaluation of Up flow Anaerobic Sludge Blanket (UASB) Reactor for Treatment of Petroleum Refinery Effluent**

Authors: Soltanian, M., Mesdaghinia, AR., et al  
Journal of man & Environment, Vol.1, No.2, Year. 1999,  
71. ., **“The Application of Aerated Static Piles Composting Process for Tehran Sewage Treatment Plant Sludge**

Authors: Farzadkia, M., Shariat, M., Mesdaghinia, AR., et al  
Journal of man & Environment,, Vol.1, No.2, Year. 1999,  
72. **“Biological Phosphorous Removal from Municipal Wastewater. Using Anaerobic-Aerobic Reactors”**,

Authors: Najafpur, A., Shariat, M., Mesdaghinia, AR., et al  
Journal of man & Environment, Vol.1, No.3-4, Year. 1999,  
73. **“Synthesis of Potassium Ferrate for Use in Textile Wastewater Treatment”**  
Authors: Vaezi, F., Mesdaghinia, AR., Jamali, H ”, Iranian J. Public Health, Vol.28, No.1-4, Year. 1999,  
74. **“Alum Recovery from Isfahan Water Treatment Plant Sludge**

Authors: Shahmansouri, M., Mesdaghinia, AR., et al  
”, Iranian Journal of Water and Wastewater, Vol.25, Year. 1998,  
75. **“Evaluation of an Absorption-Biooxidation System (AB) for Isfahan Water and Wastewater Treatment.**

Authors: Mesdaghinia, AR., et al  
Iranian Journal of Water and Wastewater, , Vol.27, Year. 1998,  
76. ., **“Determination of Minimum Inhibitory Dose of UVR on Ascaris-ova Inactivation**

Authors: Imandel, K., Moubedi, I., Mesdaghinia, AR., et al  
Journal of Medical School, Tehran University of Medical Sciences, Vol.2, Year. 1998,  
77. **“Evaluation of the Effects of Rock Media on the Efficiency of Stabilization Ponds**

Authors: Mesdaghinia, AR., Mahvi, AH., et al., Iranian Journal of Water and Wastewater, Vol.25, Year. 1998,  
78. **“Treatability of Babolsar Fiberboard Unit Effluent.** Authors: Nasser, S., Mesdaghinia, AR., et al. Iranian Journal of public Health, Vol.27, No.1-2, Year. 1998,

79. ., **“Qualitative and Quantitative Study of Municipal Solid Waste in Ahvaz City with Emphasis on Hospital Wastes**

Authors: Omrani, G., Mesdaghinia, AR., et al

”, Iranian Journal of public Health, Vol.27, No.3-4, Year. 1998,

80. **“The Use of Membrane Technology for Pollution Removal in A Safe Drinking Water Strategy”**

Authors: Ameri, A., Shariat, M., Mesdaghinia, AR

Iranian journal of Public Health, Vol.27, No.3-4, Year. 1998,

81. ., **“Evaluation of Activated Sludge Without Sludge Recirculation**

Authors: Mahvi, A., Mesdaghinia, AR., Moayedizadeh, P

”, Feyz Scientific journal of Kashan University of Medical sciences , Vol.8, Year. 1998,

82. **“Removal of Oil and Grease from Wastewater of Railroad Repair Shop**

Authors: Johari, Z., Mesdaghinia, AR., et al

”, Iranian Journal of Public Health, Vol.26, No.3-4, Year. 1997,

83. **“Influence of Physical Quality Changes on UV Disinfection of Wastewater**

Authors: Vaezi, F., Mesdaghinia, AR., et al

Iranian Journal of public Health, Vol.26, No.1-2, Year. 1997,

84. ., **“Evaluation of the Managerial Indicators of Water and Wastewater Industry in I.R. Iran”**

Authors: Ehrampush, H., Mesdaghinia, AR

Scientific Magazine of Yazd University of Medical Sciences, Vol.3, Year. 1997,

85. **“A Survey of Different Sources for Drinking Water Supply in Poldokhtar City**

Authors: Pirsahab, M., Mesdaghinia, AR., et al

Behboud Magazine, Kermanshah University of Medical Sciences, Vol.2, No.1, Year. 1997,

86. **“Kashkan River and its Pollution Sources**

Authors: Pirsahab, M., Mesdaghinia, AR., et al

”, Behboud Magazine, Kermanshah University of Medical Sciences, Vol.1, No.2, Year. 1996,

87. **“Biological Removal of Cr. (VI) from Industrial Wastewater (Aerobic & Anaerobic**

**Conditions)** Authors: Mesdaghinia, AR., Taghavi, K. Iranian Journal of Public Health, Vol.25, No.3-4, Year. 1996,

88. ., **“Dose Measurement in Ultraviolet Disinfection of Water and Wastewater by Chemical Method”**, Authors: Vaezi, F., Mesdaghinia, AR., et al

Iranian Journal of public Health, Vol.24, No.1-2, Year. 1995,

89. **“Evaluation of Fungicide Efficiency of Iranian Made Benzalkonium chloride**

Authors: Imandel, K., Mesdaghinia, AR., et al., ”, Iranian Journal of Public Health, Vol.24, No.3-4, Year. 1995,

90. **Startup of Up flow Anaerobic Sludge Blanket Reactor for Industrial Wastewater Treatment.** Authors: Mesdaghinia, AR., Naddafi, K., et al  
Iranian Journal of public Health, Vol.23, No.1-4, Year. 1994,
- 91A **Survey of South Tehran Textile Wastewater.** Authors: Mesdaghinia, AR., Kakoe, H  
Iranian Journal of public Health, Vol.22, No.1-2, Year. 1993,
92. **“THM in Tehran Treated Water** Authors: Vaezi, F., Mesdaghinia, AR  
Iranian Journal of public Health, Vol.21, No.1-4, Year. 1992,
93. **“Application of PACT System to Increase Tehran Oil Refinery Effluent Treatment Efficiency”** Authors: Mesdaghinia, AR., et al  
”, Iranian Journal of public Health, Vol.21, No.1-4, Year. 1992,
94. **A Study of Anaerobic Filter for Domestic and Slaughter House Wastewater Treatment**  
Authors: Mesdaghinia, AR., Mahvi, AH Iranian Journal of public Health, Vol.16, No.1-4, Year. 1987,

## **English**

### **1. Performance, kinetic, and biodegradation pathway evaluation of anaerobic fixed film fixed bed reactor in removing phthalic acid esters from wastewater**

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## **Member of the Writers' Council and Review of Articles**

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