



## CURRICULUM VITAE

**Name:** Mehrdad Farrokhi Kari Bozorg

**Date of Birth:** 16 Dec 1968

### **Professor in Environmental Health Engineering**

Climate Change and Health Division, Department of Health in Disasters & Emergencies  
The University of Social Welfare and Rehabilitation Sciences (USWR),  
Velenjak, Kodakyar Street, Tehran, Iran

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### **Main Expertise: Water and Wastewater Management, Climate Change effects on Health, Environmental Health in Disasters**

#### **Faculty Positions**

2003-2009, Assistant professor, Guilan University, Rasht, Iran

2009-2016, Associate professor, Guilan University, Rasht, Iran

2016- Present, Professor, University of social welfare and rehabilitation sciences, Tehran, Iran

#### **Administrative Responsibilities**

2008-2013, Advisor of university chancellor, Guilan University of Medical Sciences, Rasht-Iran

2010-2013, Dean, School of Public health, Guilan university of medical sciences, Rasht, Iran

2010-2013, Chairman, Department of Environmental Health Engineering, School of Public Health, Guilan University of medical sciences, Rasht, Iran

2016-2018, Advisor of university chancellor, University of Social Welfare and Rehabilitation Sciences, Tehran-Iran  
 2012, Scientific secretary of 15<sup>th</sup> national conference of Environmental Health, Rasht, Iran.  
 2016, chancellor of the seminar on food security and food safety, Anzali Iran.  
 2011-2013, scientific member of the research committee of water and wastewater engineering organization, Guilan province, Iran.  
 2012-present, chairman of environmental health scientific society of Guilan province, Iran  
 2019- present, Scientific Board Member of Health in Disaster, Health Ministry, Iran  
 2016-present, Head of climate change and health division, Research center in emergency and disaster health, university of social welfare and rehabilitation sciences, Tehran, Iran  
 2020- present, Vice chancellor of university, university of social welfare and rehabilitation sciences, Tehran, Iran  
 2021- present, secretary of social health observatory of COVID-19 pandemic, Health Ministry, Iran

### Education

09-1997- 07-2003                      Ph.D., Tarbiat Modares University in the field of Environmental Health Engineering.

02-1995- 05-1997                      Master Student at Tarbiat Modares University, Tehran, Iran

<b>From</b>	<b>To</b>	<b>Position</b>	<b>Institution/city</b>	<b>Country</b>	<b>Degree/remarks</b>
7-2010	2-2013	Dean of Public Health Faculty	Guilan University of Medical Sciences GUMS	Iran	Full time
6-2008	2-2013	Advisor of university chancellor	GUMS	Iran	Part-time
9-2010	4-2013	Head of Department of Environmental Health Engineering	GUMS	Iran	Full time
4-2016	1-2017	Advisor of	University of social welfare and	Iran	Part-time

		university chancellor	rehabilitation USWR		
2-2016	To date	Professor	USWR	Iran	Full time
4-2016	To date	Head of Division of Climate Change and Health	USWR	Iran	Full time
2010	2013	Member of the International Water Association (IWA)	IWA	Englan d	
2019	To date	Scientific Board Member of Health in Disaster	Health Ministry of Iran	Iran	Part-time
6-2012	To date	Chairman of environmental health scientific society of Gilan -Iran	IAEH	Iran	Full time
09-1997	07-2003	Ph.D. student	Tarbiat Modares University	Iran	Full time Environmental Health <b>Research title:</b> a study on integrated treatment system (chemical-biological ) for biodegradability enhancement of refractory pollutants
2-1995	5-1997	Master Student	Tarbiat Modares University	Iran	Full-time Environmental Health Engineering <b>Research Title:</b> air stripping of Volatile Organic Compounds (VOCs) from water
9-1993	1-1995	Bachelor Student	Kerman University of Medical Sciences (KUMS)	Iran	Full-Time Environmental Health Engineering



2020, Coordination of Research Center in Emergency and Disaster Health University of Social Welfare and Rehabilitation Sciences, Tehran, Iran as head of the national technical Committee for managing COVID-19 in Iran

2020, Early warning system design for National Preparedness and Response Plan (NPRP)

2019, Study on children's health status in the population living near solid waste landfill of the city of Tehran.

2017, Study on the relation of heat stress heat strain and air quality index among traffic officers of the city of Tehran.

2014- 2015, Effect of landfill leachate on quality of water resources in downstream of landfill cells in the city of Rasht.

2007-2009, The Creation of a management system for funding in water and wastewater project in rural areas of Iran.

2012-2013, Study on Trihalometan generation potential in drinking water resources in Guilan province.

2011- 2013, Environmental impact assessment of sludge disposal in Guilan province. (supported by World Bank)

2010- 2013, Introduce the Rice Husk as fixed media in fixed bed activated sludge for hospital wastewater treatment

### **Selected Research Paper Presented in Conferences / Seminars**

Iran 2019	Social inequity in pollution exposure in Iran 9 <sup>th</sup> international congress on health in disaster
Iran 2019	Indicators of climate change effects on social health 9 <sup>th</sup> international congress on health in disaster
Iran 2018	Social indicators of climate change effects International conference on climate change and health system
Iran 2017	Environmental welfare indicators 1 <sup>st</sup> conference on Healthy Lifestyle
Spain 2016	Urbanization and Its Effects on Water Scarcity in the Islamic Republic of Iran (a Retrospective Cohort Study)

	World conference of climate change
Iran 2015	relationship between drinking water nitrate and gastrointestinal cancers in Ramsar National conference on Environmental World day
Iran 2014	Wastewater treatment plant upgrading using MBBR 2th National seminar on water recycling World conference on climate change
Poland2012	Fluoride Removal Using Agricultural Waste Rice Husk conference of the International Society for Fluoride Research
Canada2010	Hospital wastewater treatment using Rice Husk Activated Sludge: World water congress
India 2008	The creation of management systems for funding priorities in wastewater project in rural communities in the Islamic Republic of Iran IWA conference on the small water system

List of Projects:

From	To	Position	Institution/city	Country	Name of Student
2013	2014	Main-Supervisor	Department of environmental health engineering GUMS	Iran	Mostafa Mahdavianpour <b>Research title:</b> <u>Determination of intrinsic kinetics for fixed-bed bioreactor in hospital wastewater treatment</u>
2014	2016	Main-supervisor	Department of environmental engineering Tehran university	Iran	Yones Azad <b>Research title:</b> <u>Assessment of incineration plants and autoclave for hospital solid waste disposal</u>

2012	2014	co-supervisor	Department of Environmental Health Tarbiat Modares university	Iran	Hiva Hosaini <b>Research title:</b> <u>The investigation of the LED-activated FeFNS-TiO<sub>2</sub> nanocatalyst for photocatalytic degradation and mineralization of organophosphate pesticides in water</u>
2012	2014	Main supervisor	Department of environmental health engineering GUMS	Iran	Zeynab Hoseini <b>Research title:</b> <u>Application of ZnO-Fe<sub>3</sub>O<sub>4</sub> nanocomposite on the removal of azo dye from aqueous solutions: Kinetics and equilibrium studies</u>
2015	2017	Co-supervisor	Department of Environmental Health Tarbiat Modares university	Iran	Mostafa Madavianpour <b>Research title:</b> <u>Biodegradation and COD removal of p-Cresol in denitrification baffled reactor: Performance evaluation and microbial community</u>
2010	2011	Main-supervisor	Department of environmental health engineering GUMS	Iran	Manijeh Ebrahimpour <b>Research title:</b> <u>Investigating activated sludge microbial population efficiency in hospital wastewater treatment</u>
2018	present	Main-supervisor	Department of Health in disasters, USWR,	Iran	Nasir Amant <b>Research title:</b> Risk understanding of climate change in

					Tehran population
2019	present	Main-supervisor	Department of Health in disasters, USWR,	Iran	Nader Majidi <b>Research title:</b> Relationship between climate change and infectious diseases in Iran
2020	present	Main-supervisor	Department of Health in disasters, USWR,	Iran	Ali Sadeghi <b>Research title:</b> The study on combined effects of dust storms and meteorological factors on cardiovascular, cerebrovascular and pulmonary diseases in city of Dezful
2018	present	Co-supervisor	Department of Health in disasters, USWR,	Iran	Hoseyn Hoseyni <b>Research title:</b> Designing a National Early Warning System model for Emergency and Disaster in the Health sector
2018	present	Co-supervisor	Department of Health in disasters, USWR,	Iran	Mohsen Aminizadeh <b>Research title:</b> Designing Hospital management preparedness tools in biological events

**Books:**

- Author of wastewater treatment using Activated Sludge 2008
- author of guidelines for wastewater management in rural community 2010
- Nitrogen Removal Processes for Wastewater Treatment". Chapter 3 of Conventional and Novel Biological Nitrogen Removal Processes for Nitrogen Removal from Food Industries Wastewater, 2019
- Environmental management role in disaster risk reduction, 2022

**Editorial Board and Reviewers for Journal of:**

Journal of Health in Emergency and Disaster Quarterly (HDQ)

Journal of Environmental Health engineering  
Journal of Biochemical Engineering  
Journal of Environmental Health Sciences and Engineering  
Journal of Chemosphere

**Referee**

Available upon request

Prof. Hamid reza Khankeh [hamid.khankeh@ki.se](mailto:hamid.khankeh@ki.se)

Prof. Alireza Mesdaghinia [mesdaghinia@tums.ac.ir](mailto:mesdaghinia@tums.ac.ir)

Prof Ali Asgary [asgary@yorku.ca](mailto:asgary@yorku.ca)

Prof.Evelin Witruk [witruk@uni-leipzig.de](mailto:witruk@uni-leipzig.de)

Prof.Martin Voss [reschke@uni-leipzig.de](mailto:reschke@uni-leipzig.de)

Prof. Marcus Stueck [marcusstueck@googlemail.com](mailto:marcusstueck@googlemail.com)

<b>Publications:</b>	<b>TITLE</b>	<b>CITED BY</b>	<b>YEAR</b>
	Accuracy of triage systems in disasters and mass casualty incidents; a systematic review J Bazyar, <b>M Farrokhi</b> , A Salari, H Safarpour, HR Khankeh Archives of academic emergency medicine 10 (1)		2022
	Challenges to manage pandemic of coronavirus disease (COVID-19) in Iran with a special situation: a qualitative multi-method study H Khankeh, , <b>M Farrokhi</b> , J Roudini, N Pourvakhshoori, S Ahmadi, ... BMC Public Health 21 (1), 1-9		2021
	The Barriers, Challenges, and Strategies of COVID-19 (SARS-CoV-2) Vaccine Acceptance: A Concurrent Mixed-Method Study in Tehran City, Iran HR Khankeh, , <b>M Farrokhi</b> , MS Khanjani, YA Momtaz, AS Forouzan, ... Vaccines 9 (11), 1248		2021
	COSMIN Checklist for Systematic Reviews of the Hospital Preparedness Instruments in Biological Events M Aminizadeh, , <b>M Farrokhi</b> , A Ebadi, GR Masoumi, M Beyrami-Jam, ... Journal of Nursing Measurement		2021
	A critique of the information resources of disaster databases in the world S Ahmadi Mazhin, , <b>M Farrokhi</b> , M Noroozi, J Roudini, SA Hosseini, ... Health in Emergencies and Disasters 7 (1), 3-4		2021
	Facile provision of CuO-Kaolin nanocomposite for boosted sonocatalytic removal of Cr (VI) from hydrous media K Ayagh, , <b>M Farrokhi</b> , JK Yang, M Shirzad-Siboni Environmental Technology, 1-12		2021
	Developing a context-bound model for hospital triage in disasters and mass casualty incidents in the health system of Iran J Bazyar, , <b>M Farrokhi</b> , A Salari, M Noroozi, H Khankeh Disaster medicine and public health preparedness, 1-8		2021
	Epidemiology and factors associated with COVID-19 outbreak-related deaths in patients admitted to medical centers of Mazandaran University of Medical Sciences H Khankeh, , <b>M Farrokhi</b> , HT Ghadicolaei, SA Mazhin, J Roudini, ... Journal of Education and Health Promotion 10		2021
	Criteria and components of the emergency and disaster database in Iran: A content analysis study SA Mazhin, , <b>M Farrokhi</b> , M Noroozi, J Roudini, SA Hosseini, ME Motlagh, ... Journal of education and health promotion 10		2021
	Effects of dust events and meteorological elements on stroke morbidity in northern Khuzestan, Iran A Sadeghimoghaddam, H Khankeh, M Norozi, S Fateh, , <b>M Farrokhi</b> Journal of Education and Health Promotion 10		2021
	Investigating the effects of dust storms on morbidity and mortality due to cardiovascular and respiratory diseases: A systematic review A Sadeghimoghaddam, H Khankeh, M Norozi, S Fateh, , <b>M Farrokhi</b> Journal of Education and Health Promotion 10 (1)		2021
	Effects of dust events and meteorological elements on stroke morbidity in northern Khuzestan, Iran A Sadeghimoghaddam, H Khankeh, M Norozi, S Fateh, , <b>M Farrokhi</b> Journal of Education and Health Promotion 10		2021
	J BAZYAR, N POURVAKHSHOORI, H SAFARPOUR, <b>M FARROKHI</b> Hospital Disaster Preparedness in Iran: A Systematic Review and Meta-Analysis		2020

Iranian Journal of Public Health 49 (5), 837-850		
Negar Pourvakhshoori, Hamid Reza Khankeh, Marcus Stueck and <b>Mehrdad Farrokhi</b> , The association between air pollution and cancer: controversial evidence of a systematic review, Environmental Science and Pollution Research, 2020, DOI 10. 1007/s11356-020-10377-z		2020
N Pourvakhshoori, M Poursadeghiyan, HR Khankeh, GG Harouni, <b>M FARROKHI</b> The simultaneous effects of thermal stress and air pollution on body temperature of Tehran traffic officers Journal of Environmental Health Science and Engineering, 1-6		2020
SA Mazhin, H Khankeh, <b>M Farrokhi</b> , M Aminizadeh, M Poursadeqiyani Migration health crisis associated with climate change: A systematic review Journal of Education and Health Promotion 9 (1), 97		2020
J Bazyar, <b>M Farrokhi</b> , A Salari, HR Khankeh The principles of triage in emergencies and disasters: a systematic review Prehosp Disaster Med 6, 1-9	3	2020
SH Hosseini, HR Khankeh, <b>M Farrokhi</b> , MA Hosseini, P Koolivand, Early warning system-related challenges in the health sector: A qualitative content analysis study in Iran Journal of Education and Health Promotion 9		2020
HR Khankeh, SH Hosseini, <b>M Farrokhi</b> , MA Hosseini, N Amanat Early warning system models and components in emergency and disaster: a systematic literature review protocol Systematic reviews 8 (1), 315		2019
J Bazyar, N Pourvakhshoori, H Khankeh, <b>M Farrokhi</b> , V Delshad, E Rajabi A comprehensive evaluation of the association between ambient air pollution and adverse health outcomes of major organ systems: a systematic review with a worldwide approach Environmental Science and Pollution Research 26 (13), 12648-12661	15	2019
<b>M Farrokhi</b> , H Khankeh, M Poursadeqiyani The Necessity to Establish Health, Safety and Environment Management Major at the University of Social Welfare and Rehabilitation Sciences Health in Emergencies and Disasters 4 (3), 119-126		2019
J Bazyar, <b>M Farrokhi</b> , H Khankeh, Triage systems in mass casualty incidents and disasters: a review study with a worldwide approach, Open access Macedonian journal of medical sciences 7 (3), 482	14	2019
Developing a hospital disaster risk management evaluation model MA Arab, HR Khankeh, AM Mosadeghrad, <b>M Farrokhi</b> Risk management and healthcare policy 12, 287		2019
M Aminizadeh, <b>M Farrokhi</b> , A Ebadi, GR Masoumi, P Kolivand, Hospital management preparedness tools in biological events: A scoping review Journal of Education and Health Promotion 8		2019
J Bazyar, <b>M Farrokhi</b> , HR Khankeh, Triage Systems in Mass Casualty Incidents and Disasters: A Review Study with A Worldwide Approach. Open Access Maced J Med Sci. 2019 Feb 15; 7 (3): 482-494		2019
A Karami, A Dargahi, <b>M Farrokhi</b> , M Poursadeghiyan, R Ivanbagha, Studying the environmental health condition of the cities in the Kermanshah Province affected by 2017 earthquake, Health in Emergencies and Disasters 4 (1), 29-36	3	2018

M Mahdavianpour, G Moussavi, <b>M Farrokhi</b> , Biodegradation and COD removal of p-Cresol in a denitrification baffled reactor: Performance evaluation and microbial community, <i>Process Biochemistry</i> 69, 153-160	7	2018
A Miri, M Hami, A Dargahi, M Poursadeghiyan, <b>M Farrokhi</b> , R Ivanbagha, Study on the awareness of the students of Azad University of Medical Sciences about nutrition and food storing stuff during crisis <i>Health in Emergencies and Disasters</i> 3 (2), 91-96	5	2018
<b>M Farrokhi</b> , M Naimi-Joubani, A Dargahi, M Poursadeghiyan, H Ali Jamali, Investigating activated sludge microbial population efficiency in heavy metals removal from compost leachate <i>Polish Journal of Environmental Studies</i> 27 (2), 623-627	4	2018
A Dargahi, S Bagheri, M Poursadeghiyan, MM Hosseini Ahagh, <b>M FARROKHI</b> , Knowledge and attitudes of students in Khalkhal medical sciences faculty on health actions in emergencies <i>Health in Emergencies and Disasters</i> 3 (1), 51-56	5	2017
HA Jamali, C Hosseini, MS SIbONI, N POURVAKHSHOORI, <b>M FARROKHI</b> , Application of ZnO-Fe <sub>3</sub> O <sub>4</sub> Nano Composite on the Phosphateremovalfrom Aqueous Solutions: Optimization and Statistical Modeling, <i>Oriental Journal of Chemistry</i> 33 (4), 1744-1755	1	2017
A Dargahi, <b>M Farrokhi</b> , M Poursadeghiyan, MMH Ahagh, A Karami, Evaluation of functional preparedness and non structural safety of different health units of Kermanshah University of Medical Sciences in coping with natural disasters <i>Health in Emergencies and Disasters</i> 2 (4), 201-206	9	2017
M Poursadeghiyan, RN Amjad, MM Baneshi, <b>M Farrokhi</b> , Drowsiness trend in night workers and adaptation to night shift in hospital staff <i>Annals of Tropical Medicine and Public Health</i> 10 (4), 989	3	2017
A Koohpaei, M Khandan, S Vosoughi, A Khammar, V Mobinizade, <b>M FARROKHI</b> , Industrial workers' postures analysis by a new method named "loading on the upper body assessment" in Iran <i>Annals of Tropical Medicine and Public Health</i> 10 (4), 973	13	2017
M Poursadeghiyan, M Moghimian, RN Amjad, MM Baneshi, A Yari, <b>M FARROKHI</b> , Effects on job stress on Iranian clinical nurses <i>Annals of Tropical Medicine and Public Health</i> 10 (4), 985	13	2017
H Biglari, M Hami, A Yari, M Poursadeghiyan, <b>M Farrokhi</b> , Awareness of medical students of Gonabad University about nutrition and food preservation in disasters, <i>Health in Emergencies and Disasters</i> 2 (3), 133-138	6	2017
H Hossaini, G Moussavi, <b>M Farrokhi</b> , Oxidation of diazinon in cns-ZnO/LED photocatalytic process: Catalyst preparation, photocatalytic examination, and toxicity bioassay of oxidation by-products <i>Separation and purification technology</i> 174, 320-330	23	2017
M Golshahi, <b>M Farrokhi</b> , S Mohammadnejad, Determine system MBBR performance in reduction of COD sewage and comparison with conventional activated sludge system, <i>Journal of Environmental Health Engineering</i> 4 (2), 104-114	26	2017
A Younesi, <b>M Farrokhi</b> , AN Mostofi, R Rahmani, Assessment of Incineration Plants and Autoclave by Rapid Impact Assessment Matrix Method <i>Biosciences Biotechnology Research Asia</i> 13 (4), 2161		2016

<b>M Farrokhi</b> , M Mahdavianpour, M Shirzad-Siboni, M Naimi-Joubani, Intrinsic kinetics for fixed bed bioreactor in hospital wastewater treatment Water Science and Technology 74 (8), 1992-1998	1	2016
<b>M Farrokhi</b> , Letter to Editor: Climate Change and Waterborne Diseases Health in Emergencies and Disasters 1 (4), 175-176		2016
<b>M Farrokhi</b> , Z Abbasi Dolatabadi, S Pakjouei, V Pouyesh Approaches to post-disaster environmental recovery, Health in Emergencies and Disasters 1- (2), 65-70	8	2016
MR Borna, <b>M Farrokhi</b> , A Asnaashari, OA Tomaj, S Keramat, Y Kor, NUMERICAL SIMULATION OF VELOCITY DISTRIBUTION IN THE RIVER LATERAL INTAKE USING THE SSIIM2 SOFTWARE IIOAB JOURNAL 7, 490-496		2016
<b>M Farrokhi</b> , K Dindarloo, HA Jamali, Optimization of fenton oxidation process for biodegradability enhancement of a mature landfill leachate using response surface methodology Research journal of environmental toxicology 9 (6), 274-289	2	2015
Y Kor, A mohammad Merganpour, MA Vakili, <b>M Farrokhi</b> , Z Soughi, Investigation of High Removal Efficiency of Lead Using Purolite S-930 Resin in Aqueous Solution, JOURNAL OF VETERINARY DENTISTRY (ISSN: 0898-7564) 3, 204-212		2015
A Jonidi-Jafari, M Shirzad-Siboni, JK Yang, M Naimi-Joubani, <b>M Farrokhi</b> , Photocatalytic degradation of diazinon with illuminated ZnO–TiO <sub>2</sub> composite Journal of the Taiwan institute of chemical engineers 50, 100-107	71	2015
<b>M Farrokhi</b> , K Dindarloo, HA Jamali, Optimization of Coagulation-Flocculation Process for Mature Landfill Leachate Treatment Using Response Surface Methodology RESEARCH JOURNAL OF PHARMACEUTICAL BIOLOGICAL AND CHEMICAL SCIENCES 6 (6 ...	2	2015
M Ebrahimi, <b>M Farrokhi</b> , K Taghavi, M ShirzadSiboni, Survey Removal Efficiency of Cadmium from Aqueous Solutions Using Commercial Aluminum nano oxide: Kinetic Study of the Equilibrium, Journal of Environmental Health Engineering 2 (3), 166-176		2015
<b>M Farrokhi</b> , SC Hosseini, JK Yang, M Shirzad-Siboni, Application of ZnO– Fe <sub>3</sub> O <sub>4</sub> Nanocomposite on the Removal of Azo Dye from Aqueous Solutions: Kinetics and Equilibrium Studies, Water, Air, & Soil Pollution 225 (9), 2113	71	2014
H Hossaini, G Moussavi, <b>M Farrokhi</b> , The investigation of the LED-activated FeFNS-TiO <sub>2</sub> nanocatalyst for photocatalytic degradation and mineralization of organophosphate pesticides in water, Water research 59, 130-144	89	2014
S Sedaghatoor, S Abdolalizade, <b>M Farrokhi</b> , Phytoremediate of Cd and Pb by water hyacinth (Eichhorniacrassipes) in aquatic environment, Journal of Wetland Ecobiology 6 (1), 5-14	1	2014
<b>M Farrokhi</b> , M Shirzad Siboni, S Tajasosi, M Naeimi-Joben, Removal of hexavalent chromium Cr (VI) from Aqueous Solution using Adsorption onto Modified alder Sawdust: A Study of Equilibrium and Kinetics, Journal of Guilan University of Medical Sciences 23 (89), 57-65	2	2014
<b>Farrokhi Meherdad</b> , Ghaemi Naser, Najafi Fazel, Naimi-Joubani Mohammad, Farmanbar Rabiollah, Roohbakhsh Joorshari Esmacil, Identification of bacterial population of activated sludge process and their potentials in pharmaceutical effluent treatment Biotechnology Journal International, 317-324	2	2014
M Shirzad-Siboni, <b>M Farrokhi</b> , R Darvishi Cheshmeh Soltani, A Khataee,	108	2014

Photocatalytic reduction of hexavalent chromium over ZnO nanorods immobilized on kaolin Industrial & Engineering Chemistry Research 53 (3), 1079-1087		
H AliJamali, K Dindarloo, <b>M Farrokhi</b> , Optimization of Chlorination Process for Mature Leachate Disinfection Using Response Surface Methodology Journal of Environmental Health Engineering 1 (3), 157-170		2014
A DARGAHI, M PIRSAHEB, M SAVADPOOR, M ALIGHADRI, <b>M FAROKHI</b> , Effect of retention time and temperature on the efficiency stabilization ponds in treatment of petroleum wastewater JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY 16 (261), 13-24		2014
<b>M Farrokhi</b> , H Alizadeh, M Safari, S Alijani, H Monsef, AA Azimi, Improvement of Diluted Municipal Wastewater Treatment Using the Moving Bed Biofilm Reactor (MBBR) J Appl Environ Biol Sci 4 (2), 36-47	2	2014
M Samarghandi, <b>M FARROKHI</b> , M Shirzad-Siboni, Photocatalytic removal of hexavalent chromium from aquatic solution by using of zinc oxide (zno) nanoparticle in aerobic and anaerobic condition: Kinetic study, JOURNAL OF GUILAN UNIVERSITY OF MEDICAL SCIENCES 22 (1), 1-10	4	2014
<b>M Farrokhi</b> , D Ashrafi, E Roohbakhsh, A Yoonesi Hospital wastewater treatment by integrated fixed film activated sludge, using rice husk as fixed media., Advances in Life Sciences 4 (3), 178-183	7	2014
M Moussavi, G., Hossaini, H., Jafari, S.J., <b>M FARROKHI</b> Comparing the efficacy of UVC, UVC/ZnO and VUV processes for oxidation of organophosphate pesticides in water, Journal of Photochemistry and Photobiology A ...	44*	2014
<b>M Farrokhi</b> , JK Yang, SM Lee, M Shirzad-Siboni, Effect of organic matter on cyanide removal by illuminated titanium dioxide or zinc oxide nanoparticles, Journal of Environmental Health Science and Engineering 11 (1), 23	38	2013
G Moussavi, S Talebi, <b>M Farrokhi</b> , R Mojtabaee Sabouti Removal of ammonium from water by adsorption onto synthetic zeolites NaA and NaX: a comparative parametric, kinetic, and equilibrium study, Desalination and Water Treatment 51 (28-30), 5710-5720	6	2013
J Jafari, A Mesdaghinia, R Nabizadeh, <b>M Farrokhi</b> , AH Mahvi, Investigation of anaerobic fluidized bed reactor/aerobic moving bed bio reactor (AFBR/MMBR) system for treatment of current wastewater, Iranian journal of public health 42 (8), 860	30	2013
AR Rahmani, G Asgari, <b>M Farrokhi</b> , M Shirzad-Siboni, Removal of reactive black 5 (RB5) dye from aqueous solution using adsorption onto strongly basic anion exchange resin: Equilibrium and kinetic study Iranian Journal of Health and Environment 5 (4), 509-518	8	2013
<b>M Farrokhi</b> , M Ebrahimipur, N Amirmozafari, KH Isazadeh, JM NAIMI , Comparison of the efficiency of municipal and industrial activated sludge for hospital wastewater treatment, , JOURNAL OF GUILAN UNIVERSITY OF MEDICAL SCIENCES 22 (85), 9-14	3	2013
M Shirzad-Siboni, SJ Jafari, <b>M Farrokhi</b> , JK Yang, Removal of phenol from aqueous solutions by activated red mud: equilibrium and kinetics studies, Environmental Engineering Research 18 (4), 247-252	39	2013
<b>M Farrokhi</b> , O Giahi, M Shirzad Siboni, JK Yang, SM Lee, Photocatalytic removal of Cr (VI) with illuminated TiO <sub>2</sub> , Desalination and water treatment 46 (1-3), 375-380	50	2012
M Fahiminia, <b>M Farrokhi</b> , M Talebi, G Memary, DM FAZLZADEH,	3	2012

Status, restrictions and suggested approaches in wastewater management in rural areas of Iran ARCHIVE OF HYGIENE SCIENCES 1 (1), 12-19		
M Pirsahab, A Dargahi, <b>M Farrokhi</b> , The efficiency of iron and manganese removal from groundwater using tower aeration Zahedan J Res Med Sci 14, 117	1	2012
<b>M Farrokhi</b> , A Gholipour Shoili, HA Jamali, S Omid, The presentation of a method for decision making about selection of wastewater management system in rural communities, European Journal of Scientific Research 68 (1), 5-11	2	2012
AG Shoili, <b>M Farrokhi</b> , H Neizehbaz, H Alizadeh, Selection of optimum option for sludge disposal in the Guilan province of Iran using rapid impact assessment matrix (RIAM) International Journal of Water Resources and Environmental Engineering 3 (12), 288-297	11	2011
<b>M Farrokhi</b> M Shirzad , H Dogaheh , M Zarrab , i, Samarghandi, Removal of Cyanide from Aquatic Solution by Using of Iron and Copper Powder: Equilibrium and Kinetic Study Health and Environment 4- (3), 289-300	1	2011
G Moussavi, S Talebi, <b>M Farrokhi</b> , RM Sabouti, The investigation of mechanism, kinetic and isotherm of ammonia and humic acid co-adsorption onto natural zeolite, Chemical Engineering Journal 171 (3), 1159-1169	160	2011
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