

Research Center for Health in Disaster and Emergencies



University of Social Welfare and Rehabilitation Sciences

Ministry of Health and Medical Education

ITA	
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Academic Rank: professor	Department of :Health in Disaster and Emergencies
	
Research Interests :Environmental Health in Disaster, Climate Change Effects on Health, , Environmental Welfare, Water and Wastewater Management, Public Health Promotion	
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Education				
Date	Degree	Institution	Country/City	Major
1995	B.Sc.	Kerman university	Iran	Environmental Health
1997	M.Sc.	Tarbiat Modares university	Iran	Environmental Health Engineering
2003	Ph.D.	Tarbiat Modares university	Iran	Environmental Health
Faculty member				
Year	Position	Duration	Institution	Location
2003	Assistant professor	6 years	Guilan university	Iran
2009	Associate professor	5 years	Guilan university	Iran
2016	professor	-	University of social welfare and rehabilitation sciences	Iran
Field of Specialization				
-Environmental Health, Environmental Health in disaster, water quality, Environmental Welfare, Health promotion.				
Teaching Experience				
Environmental Health in Disaster Ph.D.				
Public Health in Disaster Ph.D.				
Natural Hazards and Manmade Hazards Ph.D.				
Water quality Management Ph.D.				
Water Resources Development MS &Ph.D.				
Water and wastewater treatment plant Design MS				
Administrative Responsibilities				
Year	Position	Institution/Event		Location
2008-2013	Advisor of university chancellor	Guilan University of Medical Sciences		Guilan-Iran
2010-2013	Dean	School of Public health		Guilan university of medical sciences
2010-2013	Chairman	, Department of Environmental Health Engineering, School of Public Health		Guilan university of medical sciences
Scientific Membership				

Year	Association, Society	Location			
2008	IWA	England			
2006	IEHA	Iran			
selected Publications					
#	title	authors	journal	Pubication year	Type of article
1	Climate change and waterborne diseases	Mehrdad Farrokhi	Health in Disaster	2016	letter
2	Photocatalytic degradation of diazinon with illuminated ZnO–TiO2 composite	Ahmad Jonidi-Mehdi Shirzad-Mohammad Naimi-Jae- Yang-Mehrdad Farrokhi	Journal of the Taiwan Institute of Chemical Engineers	2015	original article
3	Investigation of High Removal Efficiency of Lead Using Purolite S-930 Resin in Aqueous Solution	Yousef Kor, Ashour mohammad Merganpour, Mohammad Ali, Vakili, Zobeydeh Soughi, Mehrdad Farrokhi (corresponding author) Bahram	journal of veterinary	2015	original article
4	Optimization of Fenton Oxidation Process for Biodegradability Enhancement of a Mature Landfill Leachate using Response Surface Methodology	Mehrdad Farrokhi, Hamzeh Ali Jamali, Kavous Dindarloo	Research journal of Environmental Toxicology,)	2015	original article
5	The investigation of the LED-activated FeFNS-TiO2 nanocatalyst for photocatalytic degradation and mineralization of organophosphate pesticides in water	Hiwa Hossaini a, Gholamreza Moussavi a,*, Mehrdad Farrokhi	Water Research	2014	original article
6	Photocatalytic Reduction of Hexavalent Chromium over ZnO Nanorods Immobilized on Kaolin	Mehdi Shirzad-Siboni , Mehrdad Farrokhi , Reza Darvishi Cheshmeh Soltani , Alireza Khataee, Sama Tajassosi	Industrial & Engineering Chemistry Research	2014	original article
7	Improvement of Diluted municipal Wastewater Treatment	Mehrdad Farrokhi , Hossein Alizadeh ,	applied environmental and biological sciences	2014	original article

	Using the Moving Bed Biofilm Reactor (MBBR)	Maryam Safari , Saied Alijani , Hamed Monsef , Ali Akbar Azimi6 arrokhi, Meherdad1,				
8	Identification of Bacterial Population of Activated Sludge Process and Their Potentials in Pharmaceutical Effluent Treatment	Joorshari, Esmail1*, Ghaemi, Naser 2,Naimi Joubani, Mohammad1,Mozhg an Farrokhi. Mehrdad Farrokhi1*, Davood Ashrafi2, Esmaeil roohbakhsh2, Azad Yoonesi2	British Biotechnology Journal	2014	original article	
9	Hospital Wastewater Treatment by Integrated Fixed Film Activated Sludge, Using Rice Husk as Fixed Media	Farrokhi1*, Davood Ashrafi2, Esmaeil roohbakhsh2, Azad Yoonesi2	advances in life sciences	2014	original article	
10	application of Zno-Fe3O4 nono composit on the removal azo dye from aqueous solution	M Farrokhi, M Shirzad, K Hoseyni	water,air and soil pollution	2014	original article	
11	Comparing the efficacy of UVC, UVC/ZnO and VUV processes for oxidation of organophosphate pesticides in water	Gholamreza Moussav,i Hiwa Hossaini a , Mehrdad Farrokhi Mehdi Shirzad-	Journal of Photochemistry and Photobiology A: Chemistry	2014	original article	
12	Removal of phenol from aqueous solutions by activated red mud: equilibrium and kinetics studies	Siboni, Seyed-Javad Jafari, Mehrdad Farrokhi, Jae Kyu Yang	Environmental Engineering Research	2013	original article	
13	Removal of ammonium from water by adsorption onto synthetic zeolites NaA and NaX: a comparative parametric, kinetic, and equilibrium study	Gholamreza Moussavi a , Sadegh Talebi a , Mehrdad Farrokhi b & Robabeh Mojtabae Sabouti Jalil JAFARI 1, Alireza MESDAGHINIA 1, Ramin NABIZADEH 1, Mehrdad FARROKHI2, *Amir Hossein MAHVI 1, 3	Desalination and Water Treatment	2013	original article	
14	Investigation of Anaerobic Fluidized Bed Reactor/ Aerobic Mov-ing Bed Bio Reactor (AFBR/MMBR) System for Treatment of Currant Wastewater	Mehrdad Farrokhi1, Jae-Kyu Yang2, Seung-Mok Lee3 and Mehdi Shirzad-	Iranian J Publ Health,	2013	original article	
15	Effect of organic matter on cyanide removal by illuminated titanium dioxide or zinc oxide		JOURNAL OF ENVIRONMENTAL HEALTH	2013	original article	

		Siboni1			
16	The Presentation of a Method for Decision Making about Selection of Wastewater Management System in Rural Communities in the Islamic Republic of Iran	Farrokhi M1,Aghil Gholipour Shoili, Hamze Ali Jamaliand Said Omidi	europian Journal of scientific research vol 68 No 1 P5-11	2012	original article
17	Status, Restrictions and Suggested Approaches in Wastewater Management in Rural Areas of Iran	Mohammad Fahiminiaa*, Mehrdad Farrokhib, Mohammad Talebic, Gholamali Memaryd, Mehdi Fazlzadeh Davile	Arch Hyg Sci	2012	original article
18	Photocatalytic removal of Cr(VI) with illuminated TiO2	J.K. Yanga, S.M. Leeb, M. Farrokhic, O. Giahid, M. Shirzad Siboni	Desalination and Water Treatment	2012	original article
19	The investigation of mechanism, kinetic and isotherm of ammonia and humic acid co-adsorption onto natural zeolite	Gholamreza Moussavia,*, Sadegh Talebia, Mehrdad Farrokhib, Robabeh Mojtbaee Saboutic	Chemical Engineering journal	2011	original article
20	The investigation of mechanism, kinetic and isotherm of ammonia and humic	Gholamreza Moussavia,*, Sadegh Talebia, Mehrdad Farrokhib, Robabeh Mojtbaee Saboutic	Chemical Engineering Journal 171) 1159– 1169	2011	original article
21	Selection of optimum option for sludge disposal in the Guilan province Iran	Aghil Golipour Shoili1, Mehrdad Farrokhi1*, Hadi Neizehbaz2 and Hoseyn Alizadeh2	International Journal of Water Resources and Environmental Engineering Vol. 3(11), pp.288-297, October 2011	2011	original article
22	Effects of Stimulator Substances on Aerobic Methyl tert-butyl ether (MTBE) Biodegradation by Microbial Consortium	Mehrdad Farrokhi, Saman Ahmadizad	Iranian Journal of Environmental Health Science and Engineering	2009	original article
23	The creation of management system for funding priorities in wastewater projects in rural community in the Islamic Republic of Iran	Farrokhi M, Hajrasoliha M , Meemari, Fahimi, Talebi M and kohansal M	journal of Water Science and Technology	2008	original article
24	Removal of 3-monochlorophenol in anaerobic baffled reactor	M Farrokhi , A R Mesdaghinia	Journal of applied sciences	2007	original article
25	Biodegradation of Methyl tert-	A Rezaee, S	Research journal of	2006	original

	butyl Ether by Microbial Consortium	Ahmadizad, A Khavanin, M Ansari and M Farrokhi	Microbiology USA		article
26	Characteristics of Fenton oxidation of 2,4,6Trichlorophenol	M Farrokhi , AR Msdaghinia ,S Naseri , AR Yazdanbakhsh	Iranian Journal of Environmental Health Science and Engineering	2004	original article
27	Oxidation of pentachlorophenol by Fenton reagen	M Farrokhi , AR Msdaghinia ,S Naseri , AR Yazdanbakhsh	Iranian journal of public health	2003	original article
51	Approaches to Post-disaster Environmental Recovery	Mehrdad Farrokhi ZahraAbbasi,Shahrz ad Pakjouie V Pouyesh	Health in Disaster	2016	Review aticle
52	<u>Intrinsic kinetics for fixed bed bioreactor in hospital wastewater treatment</u>	Mehrdad Farrokhi ,M Mahdavianpour, Hamzeh Ali Jamali	Water science and technology	2016	original article
53	Assessment of incineration plant and Autoclave by Rapid Impact Assessment Matrix	Azad Yoonesi,Mehrdad Farrokhi, Ali Naser Mostofi, Raouf Rahmani.	Biosciences Biotechnology Research Asia	2016	original article
54	Numerical simulation of velocity distribution in the river lateral intake using the SSIIM2 software	Borna, M.R., Farrokhi, M., Asnaashari, A., (...), Keramat, S., Kor, Y.	IIOAB Journal	2016	original article
56	Oxidation of diazinon in cns-ZnO/LED photocatalytic process: Catalyst preparation, photocatalytic examination, and toxicity bioassay of oxidation by-products	G Moossavi, H Hosseyini, M Farrokhi	Separation and Purification Technology	2017	original article
57	Effects on job stress on Iranian clinical nurses	M poorsadeghian,..., M Farrokhi	annals of tropical medicine and public	2017	original article

		health			
58 Drowsiness trend in night workers and adaptation to night shift in hospital staff	M poorsadeghian,..., M Farrokhi	Annals of Tropical Medicine and Public Health	2017	original article	
59 Industrial workers' postures analysis by a new method named 'loading on the upper body assessment' in Iran	M poorsadeghian,..., M Farrokhi	Annals of Tropical Medicine and Public Health	2017	original article	
60 Application of ZnO-Fe ₃ O ₄ nano composite on the phosphate removal from aqueous solutions: Optimization and statistical modeling	Jamali, H.A., Hosseini, C., Siboni, M.S., (...), Poursadeghiyan, M., Farrokhi, M.	Oriental Journal of Chemistry	2017	original article	
61 Investigating activated sludge microbial population efficiency in heavy metals removal from compost leachate	M Farrokhi, M Naimi, Dargahi,...	Polish Journal of Environmental Studies	2018	original article	
62 Biodegradation and COD removal of p-Cresol in a denitrification baffled reactor: Performance evaluation and microbial community	Mahdavianpour, M., Moussavi, G., Farrokhi, M.	Process Biochemistry	2018	original article	
63 Awareness of Medical Students of Gonabad Univer-sity About Nutrition & Food Preservation in Disasters	H Biglari, M Hami, A Yari, M Poursadeghiyan, M Farrokhi	Health in Emergencies and Disasters Quarterly.	2017	original article	
64 Study on the Awareness of the Students of Azad University of Medical Sciences About Nutrition and Food Storing Stuff	Ali Miri, Mahsa Hami, Abdollah Dargahi, Mohsen Poursadeghiyan, Mehrddad Farrokhi, Masood Khalesi	Health in Emergencies and Disasters Quarterly.	2018	original article	

During Crisis		
Journal Reviews / Editorial Board		
From	Journal Title	Location
2013	Editorial Board of sci-fed journal of global warming	England
2015	Editorial Board of Health in Disasters and Emergencies (HDQ)	Iran
2012	Editorial Board of Environmental Health Engineering	Iran
Selected Research Paper Presented in Conferences / Seminars		
Spain 2016	Urbanization and Its Effects on Water Scarcity in the Islamic Republic of Iran (a Retrospective Cohort Study)	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 small water system