

Dr. Ahmadreza Yazdanbakhsh

Tehran/Iran

e-mail: yazdan1339@gmail.com

e-mail: yazdanbakhsh@sbmu.ac.ir

Cellular: +98 9123780749

orcid.org/0000-0002-9564-9042

Date of birth: 22 Nov 1960

Nationality: IR.Iran

Title: Professor

Work Address: Environmental Health Department, School of Health and Safety ,
Shahid Beheshti University of Medical Science, Tehran, Iran

Tel: +98 21 22432042

Education

1991-1996 Ph.D. in Environmental Health, School of Medical Sciences, Tarbiat Modarres University, Tehran, Iran.

1987-1990 M.Sc. in Environmental Health Engineering, School of public Health, Tehran University, Tehran, Iran.

1982-1986 B.Sc. in Environmental Health, School of Public Health, Tehran University, Tehran, Iran.

Employment / Professional Experience

1991-present: Environmental health engineering department, School of Public Health, Shahid Beheshti University of Medical Sciences, Tehran, Iran,

1997-present: Member of the board of environmental health of the Ministry of health, Iran.

1991-present: Supervisor of chemical and microbiological water and wastewater laboratories, School of Public Health and Safety, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

2006-2016: Vice – Chancellor for education in School of Public Health and safety, Shahid Beheshti University, Tehran, Iran.

1998-present: Member of Iranian Environmental Health Association, Tehran, Iran.

Teaching Activities

More than 30 years teaching

Water quality (BS)

Water and wastewater chemistry, Practical and theoretical (BS)

Water and wastewater microbiology, Practical and theoretical course units (BS)

Wastewater treatment (BS)

Wastewater treatment plant design (MS)

Industrial wastewater management (MS)

Sludge and biosolids management (MS&PhD))

Advanced wastewater treatment (PhD)

Student Advising

Ghanizadeh Ghader, Master of Environmental Health Engineering, 1998-1999

Tarbiat Modares University

Dissertation: Investigating the removal of organic and nutrient substances in the SBR bioreactor

Role: Main advisor

Taghva Mohhamadreza, Master of Environmental Health Engineering 1999-2000

Tarbiat Modares University

Dissertation: Investigation of nitrate removal from water by zero iron
Role: Co-advisor

Farokhi Mehrdad, PhD of Environmental Health Engineering 2001-2003
Tarbiat Modares University

Dissertation: Investigating the application of combined oxidation and activated sludge in removing organic matter from wastewater
Role: Co-advisor

Hematian Shahdad, Master of water and waste water engineering 2005-2006
Ahvaz Science and research branch of Islamic Azad University

Dissertation: Investigating the efficiency of membrane filter in removing ethylene dichloride from Abadan petrochemical effluent
Role: Advisor

Behrad Ahmad, Environmental Engineering, 2005-2006
Tehran Science and research branch of Islamic Azad University
Dissertation: Investigation of water disinfection by electrolysis process
Role: Co-adviser

Shahangian Mahlihe, Environmental Engineering, 2005-2006
Tehran Science and research branch of Islamic Azad University
Dissertation: Investigating the performance of natural adsorbents in removing detergent from industrial wastewater
Role: Advisor

Mansouri Gholamreza, Master of water and waste water engineering 2005-2006
Bandar Abbas Islamic Azad University
Dissertation: The state of wastewater disposal in on the Abbas port cargo terminal and providing appropriate treatment and disposal solutions.
Role: Advisor

Mokhtariazar Akbar, Master of water and waste water engineering 2006-2007
Tehran Science and research branch of Islamic Azad University
Dissertation: Quantitative and qualitative investigation and their treatability of hospital wastewaters in Tehran
Role: Advisor

Mehrabani M., Master of water and waste water engineering 2007-2008
Ahvaz Science and research branch of Islamic Azad University
Dissertation: Biological reactor efficiency with a moving bed for removal of high load mono ethylene glycol from wastewater
Role: Co-Advisor

Mousavi R. Master of water and waste water engineering 2007-2008
Ahvaz Science and research branch of Islamic Azad University
Dissertation: Investigation of water and wastewater management in Susangerd City
Role: Advisor

Ghanizadeh Ghader, PhD of Environmental Health Engineering, 2007-2008
Tarbiat Modares University
Dissertation: Removal of bacterial and endotoxin agents from water by modified bone ash and ozone/ bone ash integrated system
Role: Co-Advisor

Shiekhmohamadi Amir, Master of Environmental Health Engineering. 2008-2009
School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigating of Integrated Coagulation and Fenton Oxidation Process in Removing Azithromycin and clarithromycin Antibiotics from water

Role: Advisor

Sardar Mahdieh, Master of Environmental Health Engineering. 2008-2009

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigating the application of Fenton like process in removing chlorophenol from synthetic wastewater

Role: Co-advisor

Hajababaei M. Master of occupational health, 2008-2009

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigating the effect of media on the removal of sulfuric acid and vapors in packed columns

Role: Co-Advisor

Daraie Hasti, Master of Environmental Health Engineering. 2009-2010

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigation of phenol removal from aqueous solution using Ostrich feathers

Role: Co-Advisor

Ghasemi R. Master of occupational health 2009- 2010

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: The impact of Some characterizes adsorbent and gas on the removal of Sulfuric Acid mists in packed tower

Role: Co-Advisor

Sharifi Hajar Master of Environmental Health Engineering. 2009-2010

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigating effective factors on the performance of electrocougulation process for dye removal from polyacrylic textile wastewater

Role: Co-advisor

Najafi Akram Master of Environmental Health Engineering. 2011-2012

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Study on performance of arobic sequencing batch bioreactor with clinoptilolite media to removal formaldehyde from wastewater

Role: Advisor

Taherghasemi, MPH. 2009-2010

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Investigating the rate of pulmonary tuberculosis in the residents of rural areas of Siahkal city and its relationship with the type of rural housing structure in 2009

Role: Advisor

Tex Fayaz Master of Environmental Health Engineering. 2010-2011

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Integrated Process of Coagulation, Cracking Acid, and Advanced Fenton Oxidation in Olive Oil Factory Wastewater Following

Role: Advisor

Bay Abotaleb, MPH, 2010-2011

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Determination and comparision of common microbial indices for water used in pools and Jacuzzi-Golestan province 2010

Role: Advisor

Karimi Sofi, Master of Environmental Health Engineering. 2011-2012
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the adsorbent efficiency of modified graphene nanostructure to remove 4-chlorophenol from water environment
Role: Co-advisor

Ghadimi M, Master of Environmental Health Engineering. 2011-2012
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: A comparative study of nitrate removal from drinking water using modified natural clays
Role: Co-advisor

Momayezi Master of Environmental Health Engineering. 2012-2013
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the effective parameters on the efficiency of the combined sonoelectrochemical process for the treatment of textile wastewater containing reactive dyes in Yazd weaving factory.
Role: Co-advisor

Master of Environmental Health Engineering. 2012-2013
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the efficiency of the proxy coagulation process in removing COD, the antibiotic azithromycin from wastewater
Role: Co-advisor

Zare Hosien, Master environmental engineeringengineering 2007-2008
Tehran Science and research branch of Islamic Azad University
Dissertation: Investigating the efficiency of coagulation and electro-flotation for thickening the secondary sludge of the wastewater treatment plant of the Seventh Tir Hospital in Tehran
Role: Advisor

Aghayani Ehsan, Master of environmental health engineering, 2011-2012
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Efficiency of electrical coagulation and flotation process for treatment of olive oil wastewater industries
Role: Advisor

Oskoei Danandeh, Master of Environmental Health Engineering. 2012-2013
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the efficiency of the ozonation process in the spiral reactor under very high pressure and mixing for advanced wastewater treatment in the alcohol industry.
Role: Advisor

Adibzadeh Amir, Master of Environmental Health Engineering. 2012-2013
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the feasibility and efficiency of fluoride removal from drinking water by a filter containing bone ash and modified with manganese oxide
Role: Advisor

Avazpour Moaied, PhD of environmental health engineering, 201022-2012
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigation of degradation of sulfamethoxazole and diclofenac in aqueous solutions using Mn-WO₃ photocatalytic process under LED irradiation and toxicity assessment of final decision
Role: Advisor

Abotorabi , Master of Environmental Health Engineering. 2012-2013

School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the effect of constructing a sewage collection network on the trend of nitrate changes in the drinking water sources of Qazvin city
Role: Advisor

Gharloghi Mostafa, Master of Environmental Health Engineering. 2013-2014
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the efficiency of iron oxide nanoparticles loaded on clinoptilolite in the advanced treatment of sewage treatment plant effluent
Role: Advisor

Faraji Mahdie, Master of Environmental Health Engineering. 2014-2015
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: investigation of effective parameters on performance of electro-Fenton process using cathode electrode on nanographene for the treatment of yazdbaf factory textile wastewater containing mixture of dyes
Role: Co-advisor

Mohammadi Satar, Master of Environmental Health Engineering. 2014-2015
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the combined process of UV and ozonation with static mixer and mold flow in removing humic acid from water
Role: Advisor

Asadi Anvar, Ph.D of Environmental Health Engineering. 2014-2016
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the amount of removal of non-steroidal anti-inflammatory drugs (ibuprofen and naproxen) from water by nano photocatalytic process using TiO₂ mixed with N-S under simulated sunlight.
Role: Co-advisor

Rezaei Somaye, Master of Environmental Health Engineering. 2014-2015
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the quality and treatability characteristics of runoff of Firozabad Channel, for irrigation purposes in 2015
Role: Advisor

Rahmani Ayat, Ph.D of Environmental Health Engineering. 2013-2015
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Evaluate SODIS water disinfection by a modified reactors compound parabolic concentrators mirrors (CPCs) with zinc oxide nano photocatalyst.
Role: Advisor

Jahanbakhsh Mahmoodian, Master of Environmental Engineering. 2013-2014
Iran University of Science and Technology
Dissertation: Study of TOC in underground west of Tehran underground waters and providing an optimal removal method
Role: Co-advisor

Nazemi Saied, MPH, 2014-2015
School of public Health and safety, Shahied Beheshti University of Medical Sciences
Dissertation: Investigating the bacterial contamination of the water supply in dental unit water lines at Shahroud city in 2014
Role: Advisor

Master of Environmental Health Engineering. 2015-2016
School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigating the efficiency of multi-walled carbon nanotubes in the treatment of wastewater in Aradkoh Sewage Treatment Plant (Kahrizak)

Role: Co-advisor

Oghzian Ali , Master of Environmental Health Engineering. 2015-2016

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Study of combined ozonation and UV irradiation process efficiency for Ibuprofen removal from aqueous solutions

Role: Advisor

Amini Maryam, Master of Environmental Health Engineering. 2016-2017

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigating the effectiveness of the combined process of coagulation and ozonation to remove turbidity, color COD and reduce toxicity from the effluent of a dyeing unit in a machine-made carpet factory.

Role: Advisor

Sheikhmohamadi Amir, PhD of environmental health engineering, 2016-2018

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigating the degree of degradability and removal of trichlorophenol using advanced UV/Sulfite reduction process from aqueous solutions

Role: Advisor

Alimoradi Masoume, Master of environmental health engineering, 2016-2017

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigation of microbial and physicochemical pollution of coastal waters of Bandar Abbas city

Role: Co-advisor

Zare BidakimMaryam, Master of environmental health engineering, 2017-2018

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Survey of effect surface and diffusion aeration method in density and type of air borne urban bacteria and fungi in municipal wastewater treatment plant .

Role: Advisor

Komasi Sanaz, Maste of Science in environmental engineering, 2013-2014

West Tehran Branch –Islamic Azad University

Dissertation: Study on removal of humic acid from water using of Electro-Fenton process

Role: Advisor

Bozorgi Reza, Master of environmental health engineering, 2015-2016

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Assesment of temperature, sunlight, storage time and TDS effects on the release of bisphenol-A in PET bottled water

Role: Advisor

Moradgholi Marziye, Master of environmental health engineering, 2017-2018

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigation the performance of integrated anaerobic baffled reactor with bio-electrochemical for removal of COD, nitrogen and hndicator bacteria from municipal wastewater

Role: Advisor

Pasban Ali, PhD of of environmental health engineering, 2016-2018

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: study on photocatalytic degradation of ciprofloxacin and ofloxacin antibiotic from aqueous solution using N,S codoped- TiO₂ nanoparticles immobilized on montmorillonite irradiated with visible light

Role: Co-adviser

Kord Iraj, Shabazi Pyman, MPH, 2013-2014

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Physical and chemical quality of drinking water resources in Nahavand city and the trend of nitrate and nitrite ions during years 2012-2017

Role: Advisor

Kiani Ghasem, MPH, 2015-2016

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Evaluating the performance of activated sludge system of wastewater treatment plant by anoxic-oxic process: a case study in Mahdishar wastewater treatment plant

Role: Co-Advisor

Keramati Hassan, Ph.D of Environmental Health Engineering. 2017-2019

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigating the efficiency of the photocatalytic reduction process on the decomposition of trichloroacetic acid and monobromoacetic acid using a heterogeneous titanium dioxide photocatalyst modified with fluoride in the presence of alcohol in aqueous solutions

Role: Co-advisor

Nemati Reza, PhD of of environmental health engineering, 2017-2019

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Efficiency evaluation of solar ZnO/Fe₂O₃ nano-photocatalytic process in removal of Carbazine from aqueous solution using modified compound parabolic concentrators reactor

Role: Advisor

Daraei Hasti, PhD of of environmental health engineering, 2017-2019

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Study of silver and iron nanoparticles impact on the performance and behavior of aerobic microbial flocs and granules in activated sludge system

Role: Advisor

Golaki Mohammad, Master of environmental health engineering, 2018-2019

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Comparing efficiency of activated sludge reactor with rotaro bed with and without aeration in the presence of hydrogen peroxide to remove formaldehyde from synthetic wastewater

Role: Advisor

Radmehr Roya, , Master of environmental health engineering, 2020-2021

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: study on olive-oil wastewater treatment and biodegradability improvement by combined coagulation, microfiltration and UV/Acetylacetone and comparison with UV/O₃

Role: Advisor

Mohammadi Zahra, Master of environmental health engineering, 2020-2021

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Investigation the effects of microplastics on the performance and operational indices of activated sludge (a laboratory study)

Role: Advisor

Jokar Rosa, Master of environmental health engineering, 2021-2022

School of public Health and safety, Shahied Beheshti University of Medical Sciences

Dissertation: Sunlight-active hierarchical Ag@insulator@ZnO core-shell array based on natural diatoms for environmental remediation

Role: Co-advisor

Bay Abotaleb, Ph.D of Environmental Health Engineering, 2019-2021
 School of public Health and safety, Shahied Beheshti University of Medical Sciences
 Dissertation: Kinetic and deterministic investigation of the inhibitory effects of Cefixime on microbial growth and organic matters removal and Nitrification in a sequencing batch moving bed biofilm reactor
 Role: Advisor

Shahidinejad Ali, Master of environmental health engineering, 2021-2022
 School of public Health and safety, Shahied Beheshti University of Medical Sciences
 Dissertation: Study on catalytic ozonation efficiency using carbon felt-nano graphene for removal of 2,4-Dichlorophenoxyacetic acid from aqueous solutions
 Role: Advisor

Jamshidi Zahra, Master of environmental health engineering, 2022-2023
 School of public Health and safety, Shahied Beheshti University of Medical Sciences
 Dissertation: Investigating the process of anaerobic co-digestion of ozonated mixed landfill leachate and swage sludge for stabilization of organic matter and biogas production
 Role: Advisor

Shahidimoghadam Zahra, Master of environmental health engineering, 2022-2023
 School of public Health and safety, Shahied Beheshti University of Medical Sciences
 Dissertation: Biodegradability enhancement study of old landfill leachate using plasma process
 Role: Advisor

Journal Publications

Title	Authors	Journal	Year	No	Vol
The comparison of phenol removal in anaerobic fluidized Bed reactors with sand and GAC media	Yazdnbakhsh A.R., etal	Iranian J.of Public.Health	1997	1-2	26
Oxidation of phenol by fenton's reagent, No, 2003	Farrokhi M., Mesdaghinia A., Naseri S., Yazdanbakhsh.A.R	Iranian J. of Public Health	2003	1	32
Characteristics of Fenton's Oxidation of 2,4,6 Trichlorophenol"	Farrokhi M, Mesdaghinia A, Yazdanbakhsh A.R.	Iranian. J. Environ. Health. Sci. Eng.	2004	1	11
Chemical denitrification of nitrate from groundwater via sulfamic acid and zinc., Vol.3 ,No.3, pp. 141-146 200. 2006	.Sabzali A., M.Gholami, Yazdanbakhsh A.R., Khodadadi , Mosavi B.Mirzaee R.	Iranian. J. Environ. Health. Sci. Eng	2006	3	13
Study on the reuse of Zamyad factory wastewater treatment plant effluent in irrigation"	Massoudinejad,M.R,Manshori M.,Yazdanbakhsh A.R.	Iranian. J. Environ. Health. Sci. Eng	2006	4	13
Biological denitrification by Pseudomonas stutzeri immobilized on microbial cellulose"	Rezaee A., Godini H., Dehestani S., Yazdanbakhsh A.R., Mosavi Gh., Kazemnejad A	World J Microbiol Biotechnol	2008	11	24
Study on wastewater treatment systems in hospitals of Iran.	Majlesi Nasr. M, Yazdanbakhsh. A.R,	Iranian. J. Environ. Health. Sci. Eng	2008	3	15
Removal of endotoxine in water using ozonation process	Rezaee.A., Ghanizadeh Gh., Yazdanbakhsh A.R.,	Australian J. of Basic and Applied Sciences	2008	3	2

High nitrate removal in packed bed bioreactor using microbial cellulose.	Rezaee.A.,Godini yazdanbakhsh A.R.,	research Journal of Environmental science	2008	2	45
Performance evaluation of thermophilic biofilter for the removal of MTB from waste air stream: Effects of inlet concentration and EBRT,	Mossavi Gh., Bagheri M, Farzadkia M, Yazdanbakhsh A.R, Mohseni M,,"	Biological engineering Journal.	2009	2	82
Adsorption of endotoxin from aqueous solution using Bone Char.",	A.Rezaee, Gh.Ghanizadeh, Gh.Behzadiannejad, A.R.Yazdanbakhsh, S.D Siyadat,"	Bull Environ Contam Toxicol.,	2009	6	82
The removal of formaldehyde from concentrated synthetic wastewater using O ₃ /MgO/H ₂ O ₂ process integrated with the biological treatment"	Mousavi Gh.Yazdanbakhsh A.R.Heidarizad M	Journal of Hazardous Materials	2009	1-3	171
The Role of packing media in scrubber performance removing sulfuric acid mist	Jafari M.J, Babaei M. H,Yazdanbakhsh A.R,	IJOH	2012	2	4
A feasible study on the application of raw ostrich feather, feather treated with H ₂ O ₂ and feather and ash for removal of phenol from aqueous solution	Manshouri M, Daraei H. , Yazdanbakhsh A.R	Journal of Desalination and water treatment,	2012	1-3	14
Influence of liquid and gas flow rates on sulfuric acid mist removal from air by packed bed tower	Jafari M.J, Ghasemi R, Mehrabi Y, Yazdanbakhsh A. R, Hajibabaei M.	Iranian. J. Environ. Health. Sci. Eng.	2012	1	9
Investigation the potential of electrocoagulation-flotation process for pollutants removal of OOMW wastewater,	Yazdanbakhsh A.R, massoudinejad M.R, Arman K, Aghayani E.	J. Appl. Environ. Biol Sci.	2013	3	3
Modeling of Electro _Coagulation – Fenton processes for olive oil mill wastewater treatment	Yazdanbakhsh A.R, massoudinejad M.R, Arman K, Aghayani E.	J of American Sciences	2013	4	9
Chemical oxygen demand removal from synthetic wastewater containing non-beta lactam antibiotic using advanced oxidation processes: A comparative study	Sheikhmohamadi A. Yazdanbakhsh a.r., Sardar M.	Archives of Hygiene Sciences .	2013	1	2
Study of equilibrium and kinetic models for removal of chromium and lead by modified feature by H ₂ O ₂	Daraei h., yazdanbakhsh a.R, Manshouri M., Noorisepehr M	Int.J . Environment and Waste Management	2013	4	12
The Combination of coagulation/acid cracking and Fenton-like processes for olive wastewater treatment: phytotoxicity reduction and biodegradability augmentation,	Ahmadreza Yazdanbakhsh, Fayyaz Meddipour, Akbar EslamiT Hajar Sharifi maleksari, and Farshid Ghanbari ,	Ghanbari , Water @ wastewater Technology	2015	7	171
Degradation of phenol with using of Fenton-Like Processes from water,	-Ahmadreza Yazdanbakhsh, Hasti Daraei, Masomeh Davoodabadi	Jornal of Health, Safety @ Environment	2015	3	2
Thickening of biological sludge by Electro-Coagulation –Flotation process	Ahmadreza Yazdanbakhsh, Morteza Kashefiasl, Hosein Zareh, Ehsan Aghayani, Mahdieh Sardar, amir Sheikhmohammadi	Int.J.Electroche .Sci.,	2015	10	
The influence of operational parameter on azithromycin COD from wastewater using the peroxi-electrocoagulation process	Ahmadreza Yazdanbakhsh, Mohammad Reza Massoudinejad, Sima Eliasi, Amir Sheikh Mohammadi	, Journal of water process engineering	2015		6

Humic acid removal from aqueous solution by peroxi-electrocoagulation process,	Ahmadreza Yazdanbakhsh, Majid Kermani, Sanaz Komasi, Ehsan Aghayani, Amir Sheikhmohammadi,	Environmental Health Engineering and Management Journal	2015	2	2
Investigation the performance of advanced oxidation processes for degradation of phenol from water	-Ahmadreza Yazdanbakhsh, Hasti Daraei, Masomeh Davoodabadi,	Environmental Science Journal,	2015	2015	11
Accelerating the solar disinfection process of water using modified compound parabolic cocentrators (CPCs) Mirror	Ahmadreza Yazdanbakhsh, Ayat Rahmani, Mohamadreza Massoudinejad, Mohamad javad Jafari @ Masoomeh Dashtdar,	Desalination and water Treatment Journal	2016		
Association between Socio-Environmental Determination and Risk of pulmonary Tuberculosis in Guilan	- Yosef Taher-Ghasemi, Iraj Nikokar, Ahmad Reza Yazdanbakhsh, Hadi sedigh ebrahim-safari, Robabee Vakili, abdohalim Rajabi	Iran. , Arch Clin Infect-Dis Journal	, 2016		11
Toxicity assessment of Tehran water treatment sludges using bioassay tests	<u>Ranjbar, L.^a Eslami, A.^b Email Author, Yazdanbakhsh, A.^a, Saghi, M.H.^a</u>	Toxin reviews journal	2017		
Reduction of non-betalactam antibiotics COD by combined coagulation and advanced oxidation processes(Article)	<u>Yazdanbakhsh, A.R.^a, Mohammadi, A.S.^b Email Author, Alinejad, A.A.^c, Hassani, G.^{de}, Golmohammadi, S.^f, Mohseni, S.M.^g Sardar,</u>	Water environment research journal	2016		
Photo assisted degradation of 2-4,6 – Trichlorophenpl by an advanced reduction process based on sulfite anion radical-	Ahmadreza Yazdanbakhsh, Akbar Eslami, Gholamreza Mousavi, Mohammad Rafiee, Amir Sheikhmohamadi	Chemospher Journal	2018		
Inactivation of Fecal coliforms during solar and photocatalytic disinfection by zinc oxide (ZnO) nanoparticles in compound parabolic concentrators (CPCs) Ahmadreza Yazdanbakhsha, Kourosh	Rahmanib, Hasan Rahmanic, Mansour Sarafraza, Masoumeh Tahmasebizadehd, Ayat Rahmanid,*	IRANIAN JOURNAL OF CATALYSIS	2019	4	9
Solar photodegradation of carbamazepine from aqueous solutions using a compound parabolic concentrator equipped with a sun tracking system	Ahmadreza Yazdanbakhsh, Reza Nemati*, Mohamadreza Massoudinejad, Mohamad javad Jafari, Masoomeh Dashtdar	Open Chem;	, 2019		17
Responses of flocculated activated sludge to bimetallic Ag-Fe nanoparticles toxicity: Performance, activity enzymatic, and bacterial community shift	Ahmad Reza Yazdanbakhsha, Mohammad Rafieea, Hasti Daraeia, , Mohammad Ali Amoozegarb	Journal of Hazardous Materials	2019		366
Data on airborne bacteria and fungi emission from a conventional hospital wastewater treatment plant	Ahmadreza Yazdanbakhsh a, Mona Ghazi b, Fatemeh Sahlabadi a, c, *, Fahimeh Teimouri d	Data in brief	2020		28
Evaluation of Microbiological Water Quality and Coastal Waters Quality Index of Persian Gulf in Bandar Abbas Coastal City, Iran	Ahmadreza Yazdanbakhsh1,2, Mohammad Rafiee2, Masumeh Alimoradi*2	Iranian Journal of Health, Safety & Environment,	2019.,	4	.6

Performance of granular activated carbon/nanoscale zero-valent iron for removal of humic substances from aqueous solution based on Experimental Design and Response Surface Modeling	Ahmadreza Yazdanbakhsh1, Yalda Hashempour2,3,* and Mansour Ghaderpour4	Global NEST Journal, Vol 20, No 1, pp 57-68	2018	1	20
Degradation of phenol with using of Fenton-like Processes from water	Ahmad Reza Yazdanbakhsh1, Hasti Daraei*1, Masomeh Davoodabadi2	Iranian Journal of Health, Safety & Environment	2019	3	2
Degradation and COD removal of trichlorophenol from wastewater using sulfite anion radicals in a photochemical process combined with a biological reactor: Mechanisms, degradation pathway, optimization and energy consumption	Amir Sheikhmohammadi a, Ahmadreza Yazdanbakhsh Gholamreza Moussavi Akbar Eslami d, Mohammad Rafiee d, Mahdieh Sardar b, Mohammad Almasian	Process Safety and Environmental Protection	2019		123
Performance of electrical stimulated anaerobic baffled reactor for removal of typical pollutants from low-strength municipal wastewater at low temperature	Marziye Moradgholi1 ID , Mohamadreza Massoudinejad1 ID , Ehsan Aghayani1 ID , Ahmadreza Yazdanbakhsh2,1* ID	Environmental Health Engineering and Management	2019	2	6
Preparation, Characterization, and Application of N,S-codoped TiO ₂ /Montmorillonite Nanocomposite for the Photocatalytic Degradation of Ciprofloxacin: Optimization by Response Surface Methodology	Mohamadreza Massoudinejad1, Ali Paseban1*, Ahmadreza Yazdanbakhsh1, Mohammad Reza Nabid	Polish Journal of Chemical Technology,	2018	4	20
Heavy Metals Uptake of Salty Soils by OrnamentalSunflower, Using Cow Manure and Biosolids: A Case Study in Alborz city, Iran	Ahmadreza Yazdanbakhsh, , Seyed Nadali Alavi Seyed Alireza Valadabadi, Fatemeh Karimi and Zainab Karimi	Air, Soil and Water Research	2020		13
COD removal and decolorization efficacy of ozonation process in spiral high pressure super mixing reactor for treatment of alcohol distilleries wastewater	Ahmadreza Yazdanbakhsh 1,2* , Akbar Eslami 3,2 , Mehrmoosh Abtahi4,5 , Mohammad Danandeh oskouie	Health in the field	2019	3	7
Enhanced photocatalytic reduction of trichloroacetic acid using F-TiO ₂ in the presence of methanol: degradation kinetics and byproducts pathway	Mohamadreza Massoudinejad, Ahmadreza Yazdanbakhsh, Mostafa M. Amini, Heshmatollah Nourmoradi & Hassan Keramati	International Journal of Environmental Analytical Chemistry	2020		
Enhanced photocatalytic degradation of ciprofloxacin by black Ti ₃₊ /N-TiO ₂ under visible LED light irradiation: Kinetic, energy consumption, degradation pathway, and toxicity assessment Author links open overlay panel	MansourSarafrazaMortezaSadeghibAhmadrezaYazdanbakhshaMostafaM.AminicMohsenSadaniaAkbarEslamid	Process Safety and Environmental Protection Journal	2020		173
Accumulation of potentially harmful elements (PHEs) in lettuce (<i>Lactuca sativa</i> L.) and coriander (<i>Coriandrum sativum</i> L.) irrigated with wastewater: a systematic review and meta-analysis and probabilistic health risk assessment	Ali Atamaleki & Ahmadreza Yazdanbakhsh & Sevda Fallah & Mohsen Hesami & Aliasghar Neshat6 & Yadolah Fakhri	Environmental Science and Pollution Research	2020		
A comparative study on the toxicity of nano zero valent iron (nZVI) on aerobic granular sludge and flocculent activated sludge: Reactor performance, microbial behavior, and mechanism of toxicity	Hasti Daraei a, Mohammad Rafiee b, Ahmad Reza Yazdanbakhsh a,c,* , Mohammad Ali Amoozegar d, Qiu Guanglei e	Process Safety and Environmental Protection	2019		129

Enhanced Biodegradation of Formaldehyde Using Aerobic Sequencing Batch Rotating Bed Bioreactor With and Without Stimulation by Hydrogen Peroxide	Ahmadreza Yazdanbakhsh1, Mohsen Sadani,, Mohammad Golaki	Avicenna J Environ Health Eng.	2022	1	9
Application of the enhanced sono-photo-Fenton-like process in the presence of persulfate for the simultaneous removal of chromium and phenol from the aqueous solution	Ahmadreza Yazdanbakhsha,b, Asma Aliyari*, Amir Sheikhmohammadid,*, Ehsan Aghayanie	Journal of Water Process Engineering	2019		
Synthesis of novel Ag-doped S-MgO nanosphere as an efficient UVA/LED activated photocatalyst for non-radical oxidation of diclofenac: Catalyst preparation and characterization and photocatalytic mechanistic evaluation	Mahsa Moradia, Gholamreza Moussavia,□, Kamyar Yaghmaeianb, Ahmadreza Yazdanbakhshc, Varsha Srivastavad, Mika Sillanpää	Applied Catalysis B: Environmental	2020		260
Concentration of potentially harmful elements (PHEs) in eggplant vegetable (Solanum melongena) irrigated with wastewater: a systematic review and meta-analysis and probabilistic health risk assessment	Ali Atamaleki , Ahmadreza Yazdanbakhsh , Gholizadeh Abdolmajid , Nayera Naimi , Pouria Karimi , Van Nam Thai & Yadolah Fakhri	INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH	2021		
Investigation of sequencing batch moving-bed biofilm reactor to biodegradation of cefixime as emerging pollutant in percent of easily degradable co-substrate	Abotaleb Bay, Ahmadreza Yazdanbakhsh, Akbar Eslami & Mohammad Rafie	ENVIRONMENTAL ANALYTICAL CHEMISTRY	2021		
The concentration of potentially toxic elements (PTEs) in the onion and tomato irrigated by wastewater: A systematic review; meta analysis and health risk assessment	Ali Atamalekia, Ahmadreza Yazdanbakhshb,□, Yadolah Fakhric,□, Fayyaz Mahdipourb, Soheila Khodakarimd, Amin Mousavi Khaneghah	Food Research International	2019		125
Adsorption of La (III) on Chitosan-Imprinted Nano Zero-Valent Iron Nanocomposite (CS@nZVI): Process Optimization, Isotherm, Kinetic, and Thermodynamic Studies	Ahmadreza Yazdanbakhsh 1, 2 and Hassan Rasoulzadeh 3,	Health Scope.	2020	1	9
A Systematic Review and Meta-analysis to Investigate the Correlation Vegetable Irrigation with Wastewater and Concentration of Potentially Toxic Elements (PTES): a Case Study of Spinach (Spinacia oleracea) and Radish (Raphanus raphanistrum subsp. sativus)	Ali Atamaleki1 & Ahmadreza Yazdanbakhsh2,3 & Yadolah Fakhri4 & Atieh Salem5 & Mahdi Ghorbanian6 & Amin Mousavi Khaneghah7	Biological Trace Element Research	2021		199
Application of the enhanced sono-photo-Fenton-like process in the presence of persulfate for the simultaneous removal of chromium and phenol from the aqueous solution	Yazdanbakhsh A, Aliyari A, Sheikhmohammadi A, Aghayani E.	Journal of Water Process Engineering.	2020		
photocatalytic degradation of ciprofloxacin by black Ti3+/N-TiO2 under visible LED light irradiation: Kinetic, energy consumption, degradation pathway, and toxicity assessment	Sarafraz, M., Sadeghi, M., Yazdanbakhsh, A., Amini, M.M., Sadani, M. and Eslami, A.	Process Safety and Environmental Protection	2020		137
Evaluation of Microbiological Water Quality and Coastal Waters Quality Index of Persian Gulf in Bandar Abbas Coastal City, Iran	Yazdanbakhsh A, Rafiee M, Alimoradi M.	Journal of Health, Safety and Environment.	2020	4	6

Accumulation of potentially harmful elements (PHEs) in lettuce (<i>Lactuca sativa</i> L.) and coriander (<i>Coriandrum sativum</i> L.) irrigated with wastewater: a systematic review and meta-analysis and probabilistic health risk assessment	Atamaleki, A., Yazdanbakhsh, A., Fallah, S., Hesami, M., Neshat, A. and Fakhri, Y.,	Environmental Science and Pollution Research. 2021	2021		
Global evaluation of potentially harmful elements (PHEs) in potato and carrot irrigated by wastewater: A systematic review, meta analysis, and health risk assessment	Atamaleki A, Yazdanbakhsh A, Fallah S, Hesami M, Neshat A, Fakhri Y.	Environmental Science and Pollution Research	2021		
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A systematic review and meta-analysis of human biomonitoring studies on exposure to environmental pollutants in Iran (Review)	Hadei, M., Shahsavani, A., Hopke, P.K., Naseri, S., Yazdanbakhsh, A., Sadani, M., Mesdaghinia, A., Yarahmadi, M., Rahmatinia, M., Fallah, S. and Emam, B.	Ecotoxicology and Environmental Safety	2021		
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Removal of heavy metals from the aqueous solution by nanomaterials: a review with analysing and categorizing the studies	Shervin Adabi · Ahmadreza Yazdanbakhsh · Abbas Shahsavani1 · Amir Sheikhmohammadi · Mahdi Hadi	Journal of Environmental Health Science and Engineering	2023		
Responses of activated sludge under a short-term exposure to facial scrub microbeads: implications from treatment performance and higher-life microbial population dynamics	Ahmadreza Yazdanbakhsh a,b,*, Mohammad Rafiee b and Zahra Mohammadib	Water science and Technology	2023	12	87
Sunlight-active hierarchical Ag@insulator@ZnO core-shell array based on natural diatoms for environmental remediation	Fatemeh Amereh a, Rosa Jokar, Amir Hossein Baradaran Ghasemi b,2, Ahmadreza Yazdanbakhsh a, Mohammad Rafiee a,c,*, Fatemeh Hosseini Alast Salar Mahdipour Naiem	Applied Materials Today	2023		30

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Springer: *Journal of Environmental Health Science and Engineering*

Editorial board of Journal

Editor in chief of Health in the Field Journal (In Persian)

Environmental Health Engineering and Managemen journal

Salamat Va mohiet (Health and Environment (in Persian)

Journal of Natural environment (in Persian)

Scientific and professional committees and councils

Consultant of Iran Water and Wastewater Company

Consultant of the Environmental and occupational Health Center of the Ministry of Health

Member of the scientific committee for the preparation of the Iran drinking water quality strategy document

Member of the scientific committee for revision of different degree of environmental health courses

Member of the environmental health examination and evaluation board

Memberships

Iranian Association of Environmental Health (IAEH)

Iranian Association of Water and Wastewater (IAWW)

Former membership of International Water Association (IWA)