

CURRICULUM VITAE

Dr. Mohammad Reza Samarghandi

Ph.D-Professor in Environmental Health Engineering



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Education

1-B.Sc; Environmental Health, Tehran University of Medical Sciences, Tehran, IRAN,1984-1986

2-MSPH; Environmental Health, Iran University of Medical Sciences, Tehran, IRAN,1986-1989

3-Ph.D; Environmental Health, Tehran University of Medical Sciences, Tehran, IRAN,2008-2012

Scientific position

1. Head of Health Sciences Research Center, School of Public Health, UMSHA, 2023
2. Professor, Department of Environmental Health Engineering, School of Public Health, UMSHA, 2016
3. Associated Professor, Department of Environmental Health Engineering, School of Public Health, UMSHA, 2012
4. Assistant Professor, Department of Environmental Health Engineering, School of Public Health, UMSHA,2006

Education and Research Interest

1. Pollution control (water, wastewater, air)
2. water and wastewater microbiology

Course Teaching

PhD.

1. Advanced environmental microbiology
2. New technologies of air pollution

MSc.

1. Global effects of air pollution

2. Air pollution control
3. Management of the development of water resources

B.Sc.

1. Principles of hydrology
2. Microbiology of water and sewage
3. Sewage collection network
4. Air pollution
5. Environmental microbiology
6. Hydrology of surface and underground waters

Papers in Journals:

Num	Title	Cited By	Year
1.	Transdermal Delivery Of Insulin Using Combination Of Iontophoresis And Deep Eutectic Solvents As Chemical Penetration Enhancers: In Vitro And In Vivo Evaluations S Khamoushian, T Madrakian, A Afkhami, A Ghoorchian, S Ghavami, ... Journal Of Pharmaceutical Sciences	<u>1</u>	2023
2.	Exposure Of The Static Magnetic Fields On The Microbial Growth Rate And Sludge Properties In The Complete-Mix Activated Sludge Process (A Lab-Scale Study) G Asgari, A Seid-Mohammadi, R Shokoohi, MR Samarghandi, GT Diger, ...		2023
3.	Non-Carcinogenic Risk Assessment Of Cadmium And Lead In Raw Milk From Dairy Production Farms In Iran, Using Monte Carlo Simulation Approach N Jaafarzadeh, K Tari, MR Samarghandi, MP Fard, S Jorfi, R Feizi, ... Journal Of Food Composition And Analysis 115, 104864	<u>2</u>	2023
4.	Explain The Challenges Of Evacuation In Floods Based On The Views Of Citizens And Executive Managers C Ahmadi, A Karampourian, MR Samarghandi Heliyon 8 (9)	<u>3</u>	2022
5.	Electro-Peroxymonosulfate Processes For The Removal Of Humic Acid From Aqueous Media A Dargahi, RA Gilan, MR Samarghandi, H Zolghadrnasab, F Karimi Biomass Conversion And Biorefinery, 1-15	<u>2</u>	2022
6.	Evaluation Of SARS-Cov-2 In Indoor Air Of Sina And Shahid Beheshti Hospitals And Patients' Houses F Azizi Jalilian, A Poormohammadi, A Teimoori, N Ansari, Z Tarin, ... Food And Environmental Virology 14 (2), 190-198		2022

7.	Comparison Of The Performance Of The UV/Zro2 And UV/H2O2/Zro2 Photocatalytic Oxidation Processes In The Aqueous Phase Degradation Of Ethidium Bromide		2022
	MR Samarghandi, Y Rashtbari, S Ghotekar, S Ahmadi, CA Igwegbe, ...		
8.	Effect Of Different Concentrations Of Substrate In Microbial Fuel Cells Toward Bioenergy Recovery And Simultaneous Wastewater Treatment	33	2022
	AR Rahmani, N Navidjouy, M Rahimnejad, S Alizadeh, MR Samarghandi, ... Environmental Technology 43 (1), 1-9		
9.	Controlled Transdermal Iontophoresis Of Insulin From Water-Soluble Polypyrrole Nanoparticles: An In Vitro Study	10	2021
	K Tari, S Khamoushian, T Madrakian, A Afkhami, MJ Łos, A Ghoorchian, ... International Journal Of Molecular Sciences 22 (22), 12479		
10.	Optimization And Modeling Of The Three-Dimensional Electrochemical Process In The Removal Of Ciprofloxacin From Aqueous Media With A Central Composite Design		2021
	R Shokoohi, MR Samarghandi, J Faredmal, A Moradi Behgoo Desalination And Water Treatment 238, 117-124		
11.	Enhanced Electrocatalytic Degradation Of Bisphenol A By Graphite/B-Pbo2 Anode In A Three-Dimensional Electrochemical Reactor	81	2021
	MR Samarghandi, A Ansari, A Dargahi, A Shabanloo, D Nematollahi, ... Journal Of Environmental Chemical Engineering 9 (5), 106072		
12.	Application Of A Fluidized Three-Dimensional Electrochemical Reactor With Ti/Sno2-Sb/B-Pbo2 Anode And Granular Activated Carbon Particles For Degradation And Mineralization Of ...	75	2021
	MR Samarghandi, A Dargahi, A Rahmani, A Shabanloo, A Ansari, ... Chemosphere 279, 130640		
13.	Modified Bone Char With C-Mgo As A Green Antibacterial Household Water Treatment Filter: Comparing The Microbial Quality With Refrigerator Cartridge Filters		2021
	AR Dayari, G Asgari, A Seid-Mohammadi, MR Samarghandi Journal Of Hazardous Materials 414, 125516		
14.	Statistical Modeling Of Phenolic Compounds Adsorption Onto Low-Cost Adsorbent Prepared From Aloe Vera Leaves Wastes Using CCD-RSM Optimization: Effect Of Parameters, Isotherm ...	69	2021
	A Dargahi, MR Samarghandi, A Shabanloo, MM Mahmoudi, HZ Nasab Biomass Conversion And Biorefinery, 1-15		
15.	Using Fe/Ag Nanostructures Covered By Zn For The Degradation Of 2, 4 Dichlorophenoxyacetic Acid Assisting With Light Irradiation And Ozonation: Optimisation And Kinetic Studies	1	2021
	L Javadimanesh, M Khazaei, M Leili, MR Samarghandi International Journal Of Environmental Analytical Chemistry, 1-14		
16.	PM10 Concentration, Its Potentially Toxic Metals Content, And Human Health Risk Assessment In Hamadan, Iran	3	2021
	A Joshirvani, MR Samarghandi, M Leili CLEAN-Soil, Air, Water 49 (6), 2000174		
17.	Comparing The Performance Of The Peroxymonosulfate/Mn3O4 And Three-Dimensional Electrochemical Processes For Methylene Blue Removal From Aqueous Solutions: Kinetic Studies	9	2021
	R Shokoohi, M Foroughi, Z Latifi, H Goljani, A Ansari, MR Samarghandi, ... Colloid And Interface Science Communications 42, 100394		

18.	Moving-Bed Biofilm Reactor Combined With Three-Dimensional Electrochemical Pretreatment (MBBR–3DE) For 2, 4-D Herbicide Treatment: Application For Real Wastewater, Improvement ...	55	2021
	A Dargahi, R Shokoochi, G Asgari, A Ansari, D Nematollahi, ... RSC Advances 11 (16), 9608-9620		
19.	Application Of The UV/Sulfoxylate/Phenol Process In The Simultaneous Removal Of Nitrate And Pentachlorophenol From The Aqueous Solution	6	2020
	G Asgari, A Seidmohammadi, AR Rahmani, MR Samarghandi, H Faraji Journal Of Molecular Liquids 314, 113581		
20.	Synergistic Degradation Of Acid Blue 113 Dye In A Thermally Activated Persulfate (TAP)/Zno-GAC Oxidation System: Degradation Pathway And Application For Real Textile Wastewater	72	2020
	MR Samarghandi, K Tari, A Shabanloo, M Salari, HZ Nasab Separation And Purification Technology 247, 116931		
21.	Electrochemical Degradation Of Methylene Blue Dye Using A Graphite Doped Pbo2 Anode: Optimization Of Operational Parameters, Degradation Pathway And Improving The ...	142	2020
	MR Samarghandi, A Dargahi, A Shabanloo, HZ Nasab, Y Vaziri, A Ansari Arabian Journal Of Chemistry 13 (8), 6847-6864		
22.	Degradation Of Azo Dye Acid Red 14 (AR14) From Aqueous Solution Using H₂O₂/Nzvi And S₂O₈²⁻/Nzvi Processes In The Presence Of UV Irradiation	42	2020
	MR Samarghandi, A Dargahi, H Zolghadr Nasab, E Ghahramani, S Salehi Water Environment Research 92 (8), 1173-1183		
23.	Pollution Status Of Pesticide Residues In Food Products In Iran: A Mini-Review Within 2008-2018	6	2020
	MR Samarghandi, N Jaafarzadeh Haghghi Fard, S Jorfi, AR Yari, ... Archives Of Hygiene Sciences 9 (3), 214-223		
24.	Adsorptive Removal Of Methylene Blue In Aqueous Solutions Through Raw And Modified Cantaloupe Peel Wastes: Kinetic And Isotherm Study		2020
	MR Samarghandi, K Godini, G Azarian, AR Ehsani, H Zolghadrnasab Avicenna Journal Of Environmental Health Engineering 7 (1), 35-46		
25.	Optimization And Modeling Of Tetracycline Removal From Wastewater By Three-Dimensional Electrochemical System: Application Of Response Surface Methodology And Least Squares ...	30	2020
	M Foroughi, AR Rahmani, G Asgari, D Nematollahi, K Yetilmezsoy, ... Environmental Modeling & Assessment 25, 327-341		
26.	Optimization Of Three-Dimensional Electrochemical Process For Degradation Of Methylene Blue From Aqueous Environments Using Central Composite Design	31	2020
	R Shokoochi, D Nematollahi, MR Samarghandi, G Azarian, Z Latifi Environmental Technology & Innovation 18, 100711		
27.	Performance Evaluation Of Electropoxone Process In Degradation Of Ceftriaxone Pharmaceutical Compound From Synthetic Solution		2020
	MR Samarghandi, AR Rahmani, Z Darabi, J Mehralipour Iranian Journal Of Health And Environment 12 (4), 515-530		
28.	Application Of The Eco-Friendly Bio-Anode For Ammonium Removal And Power Generation From Wastewater In Bio-Electrochemical Systems	26	2020
	AR Rahmani, N Navidjouy, M Rahimnejad, D Nematollahi, M Leili, ... Journal Of Cleaner Production 243, 118589		
29.	Efficiency Of Saccharomyces Cerevisiae In Ceftriaxone Removal From Aquatic Environments: Kinetic, Isotherm Of Absorption And Thermodynamics Study	5	2019

	MR Samarghandi, G Asgari, R Shokoohi, A Dargahi, M Moradi Golrokhi, ... Journal Of Health 10 (3), 270-286		
30.	Biochemical And Molecular Characterization Of Novel PAH-Degrading Bacteria Isolated From Polluted Soil And Sludge K Godini, MR Samarghandi, H Tahmasebi, O Zarei, Z Karimitabar, ... Petroleum Science And Technology 37 (15), 1763-1769	4	2019
31.	Investigation Of Antibiotic Resistance Pattern Of Bacteria Causing The Urinary Tract Infection In Urine Samples Of Patients Admitted In And Referred To Shahid Beheshti Hospital ... R Shokoohi, M Samarghandi, A Dargahi, MY Alikhani, G Roshanaei, ... Pajouhan Scientific Journal 17 (3), 34-40	4	2019
32.	Removing Amoxicillin Antibiotic From Aqueous Solutions By Saccharomyces Cerevisiae Bioadsorbent: Kinetic, Thermodynamic And Isotherm Studies MR Samarghandi, G Asgari, R Shokoohi, A Dargahi, A Arabkouhsar Desalination Water Treat 152, 306-315	32	2019
33.	Kinetic Study Of The Photocatalytic Degradation Of The Acid Blue 113 Dye In Aqueous Solutions Using Zinc Oxide Nanoparticles Immobilized On Synthetic Activated Carbon A Dargahi, MR Samarghandi, Y Vaziri, G Ahmadidoost, E Ghahramani, ... Journal Of Advances In Environmental Health Research 7 (2), 75-85	7	2019
34.	Electrochemical Process For 2, 4-D Herbicide Removal From Aqueous Solutions Using Stainless Steel 316 And Graphite Anodes: Optimization Using Response Surface Methodology MR Samarghandi, D Nemattollahi, G Asgari, R Shokoohi, A Ansari, ... Separation Science And Technology 54 (4), 478-493	54	2019
35.	A Comprehensive Study Of Electrochemical Disinfection Of Water Using Direct And Indirect Oxidation Processes AR Rahmani, MR Samarghandi, D Nematollahi, F Zamani Journal Of Environmental Chemical Engineering 7 (1), 102785	41	2019
36.	Efficiency And Modeling Of UV-Electropersulfate Process Via Iron Electrode In The Degradation Of Acid Blue 25 Dye Using Central Composite Design. M Samarghandi, A Rahmani, G Asgari, J Mehralipour, MJ Moradi Journal Of Environmental Health Engineering 6 (4), 339-355	1	2019
37.	Parameter Optimization And Degradation Mechanism For Electrocatalytic Degradation Of 2, 4-Diclorophenoxyacetic Acid (2, 4-D) Herbicide By Lead Dioxide Electrodes A Dargahi, A Ansari, D Nematollahi, G Asgari, R Shokoohi, ... RSC Advances 9 (9), 5064-5075	63	2019
38.	The Ability Of Sulfate Radicals Activated By Ozone Molecules In Degradation Of Sodium Dodecyl Sulphate As Anionic Detergent (SDBS) From Synthetic Effluent M Samarghandi, Z Shahbazi, R Bahadori, S Mehralipour, S Chavoshi, ... Journal Of Health 9 (5), 496-509	2	2018
39.	Study Of The Ability Of Sulfate And Hydroxyl Radicals Activated By Ozone Molecules In Degradation Of Acid Blue 25 (AB25) Dye From Synthetic Effluent J Mehralipour, S Ahmadi, R Bahadori, Z Shahbazi, MR Samarghandi Journal Of Color Science And Technology 12 (3), 207-216	1	2018
40.	Evaluation Of Exposure To BTEX In Hookah Smokers And Carcinogenic And Non-Carcinogenic Risk Assessment J Mehralipour, MR Samarghandi, R Rahimpour	11	2018

	Iranian Journal Of Health, Safety And Environment 5 (4), 1128-1131		
41.	Bioremediation Of Actual Soil Samples With High Levels Of Crude Oil Using A Bacterial Consortium Isolated From Two Polluted Sites: Investigation Of The Survival Of The Bacteria MR Samarghandi, MR Arabestani, D Zafari, AR Rahmani, A Afkhami, ... Global Nest J 20 (2), 432-438	6	2018
42.	Antibiotic Resistance Of Escherichia Coli Isolated From Municipal Sewage In Sewage Treatment Plant Of The City Of Hamadan In 2017 MR Samarghandi, A Dargahi, R Khamutian, Y Vaziri, M Moradi-Golrokhi Journal Of Kermanshah University Of Medical Sciences 22 (2)	5	2018
43.	Isolation And Identification Of New Strains Of Crude Oil Degrading Bacteria From Kharg Island, Iran K Godini, MR Samarghandi, D Zafari, AR Rahmani, A Afkhami, ... Petroleum Science And Technology 36 (12), 869-874	10	2018
44.	Investigation Of Residual Concentrations Of Organic Phosphorus Pesticides In Surface Water And Groundwater Sources Supplying Drinking Water Of Kermanshah Province A Dargahi, MR Samarghandi, A Karami, Y Vaziri Journal Of Health 9 (2), 133-142	6	2018
45.	Abstract The Efficiency Of Photocatalytic Process Zno Nanoparticles Embedded On The Synthetic Activated Carbon In Presence Of Ceo2 For The Removal Of Cefazolin Antibiotic From ... MR Samarghandi, D Abdollah, A Rahmani, G Asgari, G Ahmadidoust Journal Of Environmental Health Engineering 5 (2), 133-146	4	2018
46.	Electrochemical Preparation Of The Ti/Ni-Sb-Sno₂ For Removal Of Phenol, In Situ Generated Ozone. AR Rahmani, D Nematollahi, MT SAMADI, MR Samarghandi Oriental Journal Of Chemistry 34 (2)	3	2018
47.	A Central Composite Design To Optimize In-Situ Electrochemically Produced Ozone For Removal Of Reactive Red 198 AR Rahmani, D Nematollahi, MR Samarghandi, MT Samadi, G Azarian Journal Of The Electrochemical Society 165 (3), E121	23	2018
48.	Investigating The Removal Ethidium Bromide From Aqueous Solutions Using Activated Persulfate In Electrochemical Process MR Samarghandi, Y Poureshgh, M Vanaei Tabar, Z Rahmani, S Ahmadi Pajouhan Scientific Journal 16 (2), 1-10		2018
49.	Electrodegradation Of 2, 4-Dichlorophenoxyacetic Acid Herbicide From Aqueous Solution Using Three-Dimensional Electrode Reactor With G/B-Pbo 2 Anode: Taguchi Optimization And ... A Dargahi, D Nematollahi, G Asgari, R Shokoohi, A Ansari, ... RSC Advances 8 (69), 39256-39268	67	2018
50.	Photocatalytic Removal Of Cefazolin From Aqueous Solution By AC Prepared From Mango Seed+ Zno Under Uv Irradiation M Samarghandi, A Rahmani, G Asgari, G Ahmadidoost, A Dargahi Global Nest Journal 20 (2), 399-407	45	2018
51.	The Survey Of Ultrasound–Electrocoagulation Process In Removal Of Ciprofloxacin From Aqueous Through Central Composite Design MR Samarghandi, Z Shahbazi, R Bahadori, J Mehralipour, ZA Miveh Journal Of Health In The Field 6 (1), 9-19	3	2018
52.	Optimization Of A Three-Dimensional Electrochemical System For Tetracycline Degradation Using Box-Behnken Design M Foroughi, AR Rahmani, G Asgari, D Nematollahi, K Yetilmezsoy, ... Fresenius Environ. Bull 27, 1914-1922	24	2018

53.	A Combined Advanced Oxidation Process: Electrooxidation-Ozonation For Antibiotic Ciprofloxacin Removal From Aqueous Solution	75	2018
	AR Rahmani, D Nematollahi, MR Samarghandi, MT Samadi, G Azarian Journal Of Electroanalytical Chemistry 808, 82-89		
54.	Electrodegradation Of Tetracycline Using Stainless Steel Net Electrodes: Screening Of Main Effective Parameters And Interactions By Means Of A Two-Level Factorial Design	24	2017
	M Foroughi, HRS Arezoomand, AR Rahmani, G Asgari, D Nematollahi, ... Korean Journal Of Chemical Engineering 34, 2999-3008		
55.	Photocatalytic Role Of Zinc Oxide Nanoparticles On Synthetic Activated Carbon To Remove Antibiotic From Aquatic Environment	2	2017
	MR Samarghandi, A Rahmani, G Asgarai, A Dargahi, G Ahmadidoost Archives Of Hygiene Sciences 6 (4), 370-376		
56.	Residue Analysis Of Pesticides, Herbicides, And Fungicides In Various Water Sources Using Gas Chromatography-Mass Detection	25	2017
	MR Samarghandi, M Mohammadi, A Karami, L Tabandeh, A Dargahi, ... Pol. J. Environ. Stud 26 (5), 2189-2195		
57.	Comparison Between The Performance Of Activated Carbon And Graphene In Removal Of Reactive Red 198	3	2017
	MR Samarghandi, A Poormohammadi, S Shanesaz, K Godini Avicenna Journal Of Environmental Health Engineering 4 (1), 6021-6021		
58.	Catalytic Ozonation Of Ethyl Benzene Using Modified Pumice With Magnesium Nitrate From Polluted Air	7	2017
	MR Samarghandi, Z Daraee, B Shekher Giri, G Asgari, A Reza Rahmani, ... International Journal Of Environmental Studies 74 (3), 486-499		
59.	Comparing The Performance Of Granular Coral Limestone And Leca In Adsorbing Acid Cyanine 5R From Aqueous Solution	12	2017
	R Shokoohi, MT Samadi, MR Samarghandi, M Ahmadian, K Karimaian, ... Saudi Journal Of Biological Sciences 24 (4), 749-759		
60.	Decomposition Of Sodium Dodecylbenzene Sulfonate Surfactant By Electro/Fe²⁺-Activated Persulfate Process From Aqueous Solutions	30	2017
	MR Samarghandi, J Mehralipour, G Azarin, K Godini, A Shabanlo Global NEST Journal 19 (1), 115-21		
61.	Optimization Of Electrocoagulation Via Response Surface Methodology To Remove Ciprofloxacin From Aqueous Media.	5	2017
	M Samarghandi, G Ahmadidoost, A Shabanloo, S Majidi, HR Vahidian, ... Journal Of Water And Wastewater/Ab Va Fazilab 28 (2)		
62.	THE STUDY OF EFFECT THE COMBINED USE OF OZONE AND CARBOSIEVE IN THE CATALYTIC REMOVAL OF ETHYLBENZENE FROM THE POLLUTED AIRSTREAM	1	2017
	MR SAMARGHANDI, G ASGARI, F GHORBANI, SA BABAEE JOURNAL OF NEYSHABUR UNIVERSITY OF MEDICAL SCIENCES 5 (316), 86-98		
63.	The Efficiency Of Catalytic Ozonation Using Carbosieve In Xylene Removal From Waste Air Stream.		2017
	SA Babae, MR Samarghandi, M Safdaric, G Asgari, F Ghorbani, ... Desalination And Water Treatment 74, 289-295		
64.	Optimization Of Electro-Proxone Via Response Surface Statistical Model In Decolorization Of Acid Orange 7 Dye From Synthetic Wastewater	4	2016
	J Mehralipour, A Dayari, H Rezaei Vahidian, M Samarghandi, F Azizi Journal Of Color Science And Technology 10 (4), 247-258		

65.	Efficiency Of Electro/Persulfate (Eps) Process In Degrading High Concentrations Of Ceftriaxone In Pharmaceutical Effluents	7	2016
	M Samarghandi, A Shabanlo, E Nazari, M Sadri, J Mehralipour Journal Of Water And Wastewater; Ab Va Fazilab (In Persian) 27 (4), 15-25		
66.	A Study On The Effect Of Magnetic Fields On Microorganisms Existing In Water	3	2016
	MR Samarghandi, R Khoshniyat, AR Rahmani, G Roshanaei, ... Journal Of Research In Environmental Health 2 (1), 11-19		
67.	Simultaneous Removal Of Phenol And Cadmium By Using Titanium Dioxide Nanoparticles In Nano-Photocatalytic Process UV/Tio2 From Aqueous Solution: A Kinetic Study	3	2016
	MR Samar Ghandi, R Harati Journal Of Ilam University Of Medical Sciences 24 (1), 76-88		
68.	Photocatalytic Removal Of Cadmium With Zinc Oxide Nanoparticles	4	2016
	MR Samarghandi, SJ Jafari, MT Samadi Nashrieh Shimi Va Mohandesi Shimi Iran 35 (1), 1-11		
69.	OPTIMIZATION OF US-ELECTRO/PERSULFATE PROCESS FOR LANDFILL LEACHATE TREATMENT USING RSM MODEL AND INVESTIGATION ON ITS ENGINEERING ASPECTS		2016
	MR SAMARGHANDI, Z GHAVAMI, J MEHRALIPOUR, B YONESI, ...		
70.	Hospital Wastewater Treatment By Pilot-Scale Vermifiltration System		2016
	MR Samarghandi, R Shokohi, MT Samadi, AR Rhmani, Z Atashzaban, ...		
71.	The Removal Of Cyanide From Aqueous Solutions Using Electrocoagulation Process In The Presence Of Interfering Humic Acid		2016
	MR Samarghandi, A Shabanloo, J Mehralipour, K Shamsi, M Shamsi		
72.	INVESTIGATION OF ETHIDIUM BROMIDE REMOVAL FROM AQUEOUS SOLUTIONS BY ELECTRO/PERSULFATE PROCESS		2016
	MR SAMARGHANDI, Y POURESHGH, M VANA EI, Z RAHMANI, ...		
73.	Performance Of A Pilot-Scale Vermifilter For The Treatment Of A Real Hospitalwastewater	12	2016
	N Ghobadi, R Shokoohi, AR Rahmani, MT Samadi, K Godini, ... AVICENNA JOURNAL OF ENVIRONMENTAL HEALTH ENGINEERING 3 (2), 0-0		
74.	PREVALENCE AND REMOVAL EFFICIENCY OF ENTEROCOCCAL SPECIES AND VANCOMYCIN-RESISTANT ENTEROCOCCI OF A HOSPITALWASTEWATER TREATMENT PLANT	8	2016
	F Karimi, MR Samarghandi, R Shokoohi, K Godini, MR Arabestani AVICENNA JOURNAL OF ENVIRONMENTAL HEALTH ENGINEERING 3 (2), 0-0		
75.	Evaluation Of Equilibrium And Kinetic Studies In Simultaneous Removal Of Phenol And Divalent Cadmium Cd (II) Using Nano Photocatalytic Process UV/Zno From Synthetic Effluent	1	2016
	MR Samarghandi, MT Samadi, J Mehralipour, R Harati Journal Of Occupational And Environmental Health 1 (1), 7-17		
76.	Defluoridation Of Water Using Activated Alumina In Presence Of Natural Organic Matter Via Response Surface Methodology	41	2016
	MR Samarghandi, M Khiadani, M Foroughi, H Zolghadr Nasab Environmental Science And Pollution Research 23, 887-897		
77.	Degradation Of Pentachlorophenol In Aqueous Solution By The UV/Zro2/H2O2 Photocatalytic Process	17	2015
	MR Samarghandi, AR Rahmani, MT Samadi, M Kiamanesh, G Azarian Avicenna Journal Of Environmental Health Engineering 2 (2), 4761-4761		

78.	The Efficiency Of Xylene Removal From Air Stream By Using Catalytic Ozonation Process With Modified Pumice With Mg (NO3) 2		2015
	MR Samarghandi, G Asgari, A Rahmani, Z Daraee Journal Of Environmental Health Engineering 3 (1), 69-80		
79.	Adsorption Of Cephalexin From Aqueous Solution Using Natural Zeolite And Zeolite Coated With Manganese Oxide Nanoparticles	173	2015
	MR Samarghandi, TJ Al-Musawi, A Mohseni-Bandpi, M Zarrabi Journal Of Molecular Liquids 211, 431-441		
80.	Performance Evaluation Of Electro-Ozonation Process (EOP) In SDBS Degradation In Aqueous Media		2015
	M Samarghandi, A Shabanlou, S Majidi, Y Poureshgh, J Mehralipour Journal Of Sabzevar University Of Medical Sciences 22 (4), 639-648		
81.	Performance Of Catalytic Ozonation By Fe/Mgo Nanoparticle For Degradation Of Cefazolin From Aqueous Environments	14	2015
	M Samarghandi, G Asgari, S Chavoshi, Z Ghavami, J Mehralipour Journal Of Mazandaran University Of Medical Sciences 25 (128), 77-90		
82.	Photocatalytic Reduction Of Hexavalent Chromium With Illuminated Amorphous Feooh	28	2015
	MR Samarghandi, JK Yang, O Giahi, M Shirzad-Siboni Environmental Technology 36 (9), 1132-1140		
83.	Survey The Efficiency Of Iron-Coated Pumice In Fluoride Removal From Aqueous Solutions	6	2015
	MR Samarghandi, R Mehranpoor, M Ahmadian Journal Of Environmental Health Engineering 2 (2), 128-140		
84.	Magnetite Nanoparticles Synthesis And Modified With Chitosan 4 O3 Fe Biopolymers For Removal Of Hexavalent Chromium From Aqueous Solutions	8	2015
	MR Samarghandi, G Asgari, A Ahmadzadeh, A Poormohammadi, ... Journal Of Chemical And Pharmaceutical Research 7 (4), 933-941		
85.	Evaluation Of The Photocatalytic Removal Of Pentachlorophenol By Uv/Zno From Aqueous Solutions	2	2015
	S AZIZI, MR SAMARGHANDI RAZI JOURNAL OF MEDICAL SCIENCES (JOURNAL OF IRAN UNIVERSITY OF MEDICAL ...		
86.	Comparison Of Electro-Coagulation Process (EC) And Electro Oxidation (EO) Process For Degradation Of Acid Blue Dye 113 (AB113) From Aqueous Solutions	1	2015
	M Samarghandi, A Shabanloo, J Mehralipour, M Kokabian, SB ASGARI JOURNAL OF ILAM UNIVERSITY OF MEDICAL SCIENCES 23 (1), 79-88		
87.	INVESTIGATION OF FENTON REAGENT EFFICIENCY IN REMOVAL OF CETYL TRIMETHYL AMMONIUM BROMIDE FROM SYNTHETIC SOLUTION		2015
	MR SAMARGHANDI, M ZARABI JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY 16, 205-209		
88.	Removal Of Acid Orange 7 From Aqueous Solution Using Activated Carbon And Graphene As Adsorbents	7	2015
	MR Samarghandi, A Poormohammadi, N Fatemeh, M Ahmadian Fresenius Environ. Bull 24 (5A), 1841-1851		
89.	Furfural Removal From Synthetic Wastewater By Persulfate Anion Activated With Electrical Current: Energy Consumption And Operating Costs Optimization	13	2015
	MR Samarghandi, M Leili, K Godini, J Mehralipour, R Harati Der Pharma Chemica 7 (7), 48-57		

90.	Assessing The Safety And Health Standards In Diagnostic Radiology Centers In Hamadan Province		2014
	MR Samarghandi, K Godini, HA Norouzi Avicenna Journal Of Environmental Health Engineering 1 (1), 39-41		
91.	Investigation Of Fenton Reagent Efficiency In Removal Of Cetyl Trimethyl Ammonium Bromide From Synthetic Solution		2014
	MR Samarghandi, M Zarrbi Journal Of Environmental Science And Technology 16 (1), 231-236		
92.	Optimization Of Affecting Parameters On Performance Of The Electrocoagulation/Electroflotation Process By Combine Electrodes (Ti-Al) In Acid Black 1 Dye Decolonization In Aqueous	6	2014
	J Mehralipour, A Shabanlo, M Samarghandi, H Zolghadr Nasab Journal Of Color Science And Technology 8 (4), 325-332		
93.	The Evaluation Of Personal Exposure To BTEX Compounds In The Traditional Restaurants In Hamadan In 2013	6	2014
	M Samarghandi, J Mehralipour, A Shabanlo, R Rahimpour Avicenna Journal Of Clinical Medicine 21 (3), 231-239		
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