CV

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- Department of Environmental Health Engineering,
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H-Index: 16 (https://www.scopus.com/authid/detail.uri?authorId=12762612000)

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Education:

- PhD of Environmental Health Engineering, Isfahan Medical Sciences University, Isfahan, Iran 2005
- MSc of Environmental Health Engineering, School of Public Health, Tehran Medical,

Research Experience

- Monitoring of Ground Water
- Arsenic Removal from water Resources
- Municipal and industrial wastewater treatment
- Heavy metals pollution of water
- Advanced oxidation process (AOP)
- Improvement of wastewater treatment

Books published:

1. Municipal and industrial wastewater treatment. 2005
2. Wastewater and surface water collection networks. 2014
3. Municipal and industrial wastewater treatment (second edition). 2014

Research Project:

1. Carcinogenic and non-carcinogenic risk assessments and uncertainty analysis of arsenic exposure in drinking water: A case study of Qorveh County, Kurdistan in 2022- 2022.
2. Investigating the Efficiency of Adsorption and reduction Process Using using zero-valent iron nanoparticles and activated carbon for removal of arsenic from drinking water-2019.
3. Health risks assessment of arsenic and nitrate exposure in drinking water resources of Hamedan province-2019.
4. Health risk assessment of arsenic and nitrate in drinking water resources of the rural area in Hamadan Province and analysis of the association between arsenic and heavy metals exposure with hearing loss in human -2019.
5. Investigation of Bisphenol A removal in saline wastewater using combined electropersulfate and aerobic granular sludge-2022
6. Evaluation of the efficiency rate of chemical coagulation with exposure of Magnetic fields in removing turbidity from surface water-2022
7. Evaluation of the performance of the bioremediation process of soils contaminated with various forms of polyethylene terephthalate (PET) with using a variety of selected fungi and bacteria and a consortium consisting of them- 2020.
8. Study of the performance of Hamedan wastewater treatment plant to improve the quality of wastewater required by industries-2020.
9. Investigating the relationship between microbial status and factors affecting water quality in Saqez water distribution network with emphasis on HPC index and water organic compounds- 2021.
10. Predicting the efficiency of Hamadan wastewater treatment plant in removing the concentration of nitrogen compounds using artificial neural network-based fuzzy inference system(ANFIS)-2020.
11. Determining safety status of Razan city sewage system based on the World Health Organization sewage safety planning-2021.
12. Evaluation performance of ion exchange process using purolite E520 for the removal of nitrate from contaminated water sources of rural selected areas in Hamedan province; Study of kinetics and isotherms-2021.
13. survey of the Hydrodynamic Cavitation/Ozone/ Hydrogen peroxide (HC/O3/ H2O2) processes efficiency for removal of algae and taste and odor organic compounds from the entering water to Qolyan water treatment plant- 2021.
14. Evaluating the efficiency of static magnetic fields on quality of the effluent and de-watering of sludge settling in activated sludge process with complete mixing-2021.
15. Advanced oxidation processes (AOP) (O3/UV/H2O2) for the removal of Algae, Emerging organic matter and Taste and Odor Compounds from the entering water to Sanandaj water treatment plant-2020.

16. nvestigation of the effect of changing the hydraulic flow distribution on the growth of filamentous Microthrix parvicella and SVI index in a step-feed bio-logical nitrogen removal (SFBNR) process Between 2016-2022 (case study of Hamadan municipal wastewater treatment plant)-2022.
17. Evaluation of the electrocoagulation process efficiency in amoxicillin antibiotic removal and corresponding COD concentrations from aqueous solutions and hospital wastewater at the optimum conditions: case study of Alimoradian hospital, Nahavand-2020.
18. Assessing of the chemical, physical and, biological agents impact on Hamadan wastewater treatment plant employees and the suggestion of control measures-2020.
19. Investigation of MBR-MBBR process performance in simultaneous nitrfication and denitrification and removal of phosphorus from synthetic wastewater-2020.
20. Catalytic activation of persulfate with Mn3O4 nanoparticles for degradation of Acid Blue 113-2020.
21. Evaluation of dental waste management in Hamedan at 2020-2020.
22. Using Horizontal Roughing Filter(dHRF) Assissted with the Coagulation Process for the Removal of Organic and Nutrient Phosphoross from Asadabad Wastewater Treatment Plant Effluents-2021
23. Combination of integrated MBR-MBBR and catalytic ozonation for removal of ciprofloxacin and antibiotic resistance genes from synthetic wastewater-2020.
24. Evaluating the health and environmental aspects of using wastewater effluent at Mofatteh Power Plant in Hamadan-2020.
25. Performance evaluation of Three-dimensional electrochemical process for sludge dewatering of extended aeration system: Application of response surface methodology and genetic algorithm, case study: Serkan Wastewater Treatment Plant Sludge-2020.
26. Study of Magnetized graphene oxide photocatalytic process efficiency in the removal of phenol from aqueous solutions-2019.
27. Evaluation of physical, chemical and biological characterization of primery and secondary sludges of Wastewater Treatment plant with activated sludge system and feasibility of reuse from its for agricultural, case study: Hamedan wastewater treatment plan-2019.
28. Investigation of Optimal Operational and Kinetic Conditions of Heavy Metals Bioleaching Process in Digested Aerobic Sludge Using Surface-Response Methodology. Case Study: Nahavand Municipal Wastewater Treatment Plant-2019.
29. The Investigation of Microbial and Heavy Metals Contamination of Selective Vegetables and Agricultural Products of Hamadan city in 2019 and Health Risk Assessment-2019.
30. The Investigation of Microbial and Heavy Metals Contamination of Selective Vegetables of Hamadan city in 2019 and Health Risk Assessment-2019.

31. Study on different operational parameters on performance evalution of Anaerobic Baffled Reactor in Buali,s industerial wastewater treatment palnt and influent wastewater pH neutralization-2019.
32. Investigation of Mn3O4/ H3K5O18S4 compilative processes performance in the removal of Acid red 88 (AR 88) from Aqueonse solution-2019.
33. A survey on Malayer drinking water quality characteristics and recommendations to enhance its current status-2018.
34. Investigation of the Diazinon and chlorpyrifos residues and their metabolites in Tomatos of Hamadan Greenhouses in 2018 and Estimate of hazard index and predicting of model for pesticide residues Removal-2018.
35. Investigation of Mn3O4/ H3K5O18S4 compilative processes performance in the removal of methylene blue and Reactive blue 222 from Aqueonse solution-2018.
36. Investigation of dinitrotoluenes degradation using Fe/RGO/BiVO4 nanocomposite as a visible light photocatalyst in aqueous environments in the presence or absence of non-thermal plasma-2018.
37. Study the Degradation of Methylene Blue from aqueous solutions using 3D electrode system using stainless steel and Pb/Pbo2 electrode-2018.
38. Development of a novel electrochemical sensor for mercury detection in the aqueous solutions based on nano-sized ion imprinted polymer-2018.
39. Identification and isolation of filamentous fungies and protein and polysaccharide hydrolyzing bacteria from municipal sewage sludge and study of their efficiency for improvement dewaterablitiy of excess sludge-2017.
40. Study of the Efficiency of a Three-Dimensional Electrochemical Combine Process and Moving Bed Biofilm Reactor (MBBR) in Removal of 2,4-Dichlorophenoxy Acetic Acid from Aqueous Solutions-2017.
41. Evaluation of the efficiency of three-dimensional electrochemical process with Aluminum electrodes for removing ciprofloxacin from aqueous environments by optimizing the Experiments with a Central Composite Statistical Design-2017.
42. Evaluation of Performance of shazand petrochemical Wastewater treatment and feasibility of reuse from its effluent-2017.
43. Study of UASB system efficiency for livestock wastewater treatment Case study: Cultivation and Industry and Livestock Pegah Fars Company-2017.
44. Investigation of the organisms causing the urinary tract infections and the antimicrobial resistance in the urine culture samples of the laboratory of shahid Beheshti Hospital in Hamadan 2016-2017-2017.
45. The evaluation of performance of methylene blue and acid green dye 3 removal using phtocatalytic method of UV/Persulfate from aqueous solutions.-2017.
46. Study on performance the produce bioadsorbent yeast Saccharomyces cerevisiae for removal of amoxicillin and ceftriaxone antibiotic in aqueous solution-2017.

47. trategic analysis of socio-cultural situation of Hamadan Universities with SWOT method and delivering effective strategies-2017.
48. Performance evaluation of bioleaching process using Thiobacillus bacteria to removal heavy metals from sewage sludge-2017.
49. Compare the efficiency of catalytic ozonation O3 /nTiO2 / H2O2 و O3 / nZrO2/ H2O2 Separately and simultaneously By using nanoparticles deposited on pumice in The removal of Rhodamine B from aquatic Solutions-2017.
50. Performance evaluation of thermo activation persulfate with the use of Mn3O4 nanoparticles in the optimum conditions for ciprofloxacin removal from aqueous solutions-2017.
51. Evaluation of Efficiency of persulfate activated with heat and multi help oxidizing in 2,4-dinitrophenol Degradatio from aqueous solution by Central Composite Disign method-2016.
52. nvestigation of mineralize efficiency of anionic dye Acid green 3 (AG3) and Reactive Red 120 (RR120) and COD by combine UV/H2O2 and UV/S2O8 Photocatalytic processes from aqueous solutions-2016.
53. Study of efficiency of magnetic nanoparticles modified with sodium alginate for removal of Reactive blue 222 from aqueous solutions-2016.
54. Assessing the efficiency of natural wastewater treatment systems (Constructed Wetlands and stabilization ponds) and activated sludge systems (conventional activated sludge and extended aeration) for municipal wastewater treatment in Kermanshah Province-2015.
55. Investigation of free and immobilized laccase enzyme on silica-coated iron nanoparticles application for removal of Cefalexin and Amoxicillin from aqueous solution-2015.
56. The comparison of the efficiency of advanced oxidation processes of O3/nZrO2/H2O2 and O3/nTiO2/H2O2 using ozonation and nanoparticles dopped on pumice in the removal of Bisphenol A from aquatic solutions-2015.
57. Determination of common antibiotics in of Sina and Besat hospitals wastewater in Hamadan-2015.
58. Determination of the concentration of common antibiotics in the municipal wastewater treatment plant of Hamedan and assess the efficiency of the wastewater treatment plant of this city-2015.
59. The study of efficiency of magnetic Nanoparticles modified with Sodium alginate for removal of Bisphenol A from aqueous solution-2015.
60. A comparative study of iron nanoparticles coated on pumice and leca for the removal of phenol from aqueous solution-2016.
61. Iinvestigation of removal efficiency of anionic dye eosin Y and erythrosine B by combine US/S2O8-2 Ultrasounic processes from aqueous solutions-2015.

62. Investigation efficiency of biosorption with cantaloupe skin and pulp, dried carrot powder and active mode with acid to remove cyanide from aqueous solutions-2015.
63. Compare the efficiency of catalytic ozonation O3 /nTiO2 / H2O2 and O3 / nZrO2/ H2O2 Separately and simultaneously By using nanoparticles deposited on pumice in The removal of penta chlorophenols from aquatic Solutions .deposited on pumice in The removal of Bisphenol A and penta chlorophenols from aqueous solutions-2015.
64. Compare the efficiency of catalytic ozonation O3 /nTiO2 /nZrO2 and O3 /nTiO2 /nZrO2/ H2O2 By using nanoparticles of titanium dioxide and zirconium dioxide deposited on pumice in The removal of Rodamin B and Reactive red 198 Dyes from aquatic Solutions-2016.
65. Investigation of efficiency of magnetized particles ash walnut shell for removal of dinitro butyl phenol from aqueous solutions-2016.
66. The investigation of Moving Bed Biofilm Reactor performance in removal oil and grease of Besat hospital wastewater-2015.
67. Investigation of UV/S2O82- / Al2O3 compilative processes performance in the removal of phenol from Aqueonse solution-2015
68. Evaluation of Autothermal Thermophilic Aerobic Digester performance for the stabilization of municipal Wastewater treatment sludge-2015.
69. Isolation and Identification bacteria dominate in Moving Bed Biofilm Reactor (MBBR) treatment of hospital wastewater-2016.
70. Investigation of vermifiltration efficiency to remove the metronidazole from hospital wastewater (A case study in Atieh hospital Hamadan)-2015.
71. he study on zero-valent iron nanoparticle activatedperiodate in the presence of ultrasound for removing phenol from aqueous solutions-2015.
72. Comparison of the efficiency of UV/ H2O2 and UV/H3K5S4O18 Photocatalytic processes to removal of anionic dye eosin Y and erythrosine B from aqueous solutions-2015.
73. Comparison of the efficiency of UV/ H2O2 and UV/H3K5S4O18 Photocatalytic processes to removal of anionic dye eosin Y and erythrosine B from aqueous solutions-2015.
74. The investigation of Moving Bed Biofilm Reactor (MBBR) performance in removal detergent of hospital wastewater-2015.
75. Investigation efficiency of pumice and nano iron particles coated pumice in removal of Cr (VI) from aquatic solutions-2015.
76. Investigation of vermifiltration process efficiency forwas hospital wastewater treatment (A case study in Hamedan social security hospital)-2015.
77. The investigation of Moving Bed Biofilm Reactor (MBBR) performance in removal Antibiotic ciprofloxacin of hospital wastwater: besat Hospital Case Study-2015.
78. Investigation of UV/ S2O82- /H2O2 and UV/ S2O82- /Fe0 compilative processes performance in the removal of malathion from Aqueonse solution-2015.

79. Investigation of Mn3O4/ H2O2 and Mn3O4/ H3K5O18S4 compilative processes performance in the removal of Polyvinyl alcohol from Aqueonse solution-2015.
80. Detection of Vancomycin-Resistant Enterococci (VRE) species inflow in Hamadan Municipal wastewater treatment plant & Atieh hospital wastewater treatment plant and evaluate the effectiveness of the treatment plants in removing them-2015.
81. Investigation of heterognous Fenton process using nZVI in dimethylphthalate removal from aqueous solutions-2015.
82. The evaluation of quantitiy and quality of water treatment plant sludge and its application potential for agricultural and industrial uses: case study Shahid Beheshty water treatment plant Hamadan-2015.
83. The assessment of ethion pesticides residual concentrations in greenhouse cucumbers and the effects of preconsumption measures on it`s concentration: case study in Hamadan City-2015.
84. The investigation of Moving Bed Biofilm Reactor (MBBR) performance in removal organic matter of hospital wastewater-2014.
85. Indoor swimming pool water quality assessment in Hamadan city with the focus on nonconventional and hazardous pollutants (including disinfetion byproduts and fungi) during 2014-2015 and present preventive measures-2014.
86. Indoor swimming pool water quality assessment in Hamadan city with the focus on nonconventional and hazardous pollutants (including disinfetion byproduts and fungi) during 2014-2015 and present preventive measures-2014.
87. Investigation on effect of humic acid (HA) on adsorption of Lead from aqueous environment by multi walled carbon nanotube-2014.
88. Comparison of the efficiency of UV/ZrO2 and UV/H2O2/ZrO2 Photocatalytic processes for furfural removal from aqueous solutions-2014.
89. comperision of the efficiency of multi-walled carbon nanotubes (MWNTs) and multi-walled carbon nanotubes Antimony nanocomposite (Sb/MWNTS) on removal of bisphenol from Aqueous solutions-2014.
90. Evaluation of Ciprofloxacin Antibiotic removal effeciancy, using heterogeneous Fenton with magnetic Fe3O4/MWCNTs nano-composite from aqueous solutions-2014.
91. Iinvestigation of removal efficiency of Siprofloxacin antibiotic by combine electro-Fenton and Ultrasonic from aqueous-2014.
92. Survay of performance of carbon nanotubes , alumina caoted carbon nanotubes and activated alumina for removal Amoxicillin and Ciprofloxalin from aqueous solution-2012.
93. Synthesis and function survey of magnetite nanoparticles modified with sodium algenate in the removal of Acid red18 and RhodaminB from aqueous solutions-2012.

Papers published:

Row	Title	Journal	year
1	Application of fingernail samples as a biomarker for human exposure to arsenic-contaminated drinking waters	Scientific Reportsthis link is disabled	2022
2	The relationship between chronic exposure to arsenic through drinking water and hearing function in exposed population aged 10-49 years: A cross-sectional study	Ecotoxicology and Environmental Safety	2021
3	Effect of household processing on pesticide residues in post-harvested tomatoes: determination of the risk exposure and modeling of experimental results via RSM	Environmental Monitoring and Assessmentthis link is disabled	2022
4	Risk Analysis of Exposure to Chlorpyrifos and Diazinon from Greenhouse-Grown Tomatoes during Pre-Harvest Interval and Post-Harvest Processing	Journal of Agricultural Science and Technology	2022
5	Degradation of extracellular polymeric substances (EPS) and enhancement of sludge dewaterability by filamentous fungus Penicillium rubens	Biomass Conversion and Biorefinery	2022
6	Human health risk assessment of heavy metals in agricultural soil and food crops in Hamadan, Iran	Journal of Food Composition and Analysisthis link is disabled	2021
7	Optimization and modeling of the three-dimensional electrochemical process in the removal of ciprofloxacin from aqueous media with a central composite design	Desalination and Water Treatment	2021
8	Contamination of selective vegetables of hamadan with heavy metals: Non-carcinogenic risk assessment	Avicenna Journal of Environmental Health Engineeringthis link is disabled	2021
9	Deterministic and probabilistic human health risk assessment approach of exposure to heavy metals in drinking water sources: A case study of a semi-arid region in the west of Iran	Journal of Environmental Health Science and Engineering	2021
10	Degradation and mineralization of methylene blue dye by peroxymonosulfate/Mn3O4 nanoparticles using central composite design: Kinetic study	Inorganic Chemistry Communicationsthis link is disabled	2021
11	Comparing the performance of the peroxymonosulfate/Mn3O4 and three-dimensional electrochemical processes for methylene blue removal from aqueous solutions: Kinetic studies	Colloids and Interface Science Communications	2021
12	Efficiency of the catalytic ozonation processes using nanoparticles deposited on pumice in the removal of bisphenol A	International Journal of Environmental Analytical Chemistry	2021
13	Investigation of the parameters of modified Lorentzian distribution function on plasma expansion into vacuum process	Journal of Research on Many-body Systems	2021
14	Residue content of organophosphorus pesticides and their toxic metabolites in greenhouse-grown tomatoes during pre-harvest interval and post-harvest processing: a kinetic study	Iranian Red Crescent Medical Journal	2021
15	Moving-bed biofilm reactor combined with three-dimensional electrochemical pretreatment (MBBR-3DE) for 2,4-D herbicide treatment: application for real wastewater, improvement of biodegradability	RSC Advances	2021
16	Enhancement of biological sludge dewaterability by a bipolar electro-dewatering system: process modeling and	Biomass Conversion and Biorefinery	2021

	optimization using CCD-genetic algorithm method		
17	Deterministic and probabilistic human health risk assessment approach of exposure to heavy metals in drinking water sources: A case study of a semi-arid region in the west of Iran	Journal of Environmental Health Science and Engineering	2021
18	Optimization of three-dimensional electrochemical process for degradation of methylene blue from aqueous environments using central composite design	Environmental Technology and Innovation	2020
19	Catalytic activation of persulphate with Mn3O4 nanoparticles for degradation of acid blue 113: process optimisation and degradation pathway	International Journal of Environmental Analytical Chemistry	2020
20	Application of synthesized Mn3 O4 nanoparicle in Mn3 O4/H2 O2 and Mn3 O4 / H3 K5 O18 S4 processes for polyvinyl alcohol (PVA) removal from aqueous solution	Desalination and Water Treatment	2020
21	Magnetic multi-walled carbon nanotube as effective adsorbent for ciprofloxacin (CIP) removal from aqueous solutions: Isotherm and kinetics studies	International Journal of Chemical Reactor Engineering	2020
22	The sorption of cationic and anionic heavy metal species on the biosorbent of Aspergillus terreus: Isotherm, kinetics studies	Environmental Progress and Sustainable Energy	2020
23	Antibiotic detection in a hospital wastewater and comparison of their removal rate by activated sludge and earthworm-based vermifilteration: environmental risk assessment. Process Safety and Environmental Protection	Process Safety and Environmental Protection	2020
24	Parameter optimization and degradation mechanism for electrocatalytic degradation of 2,4-diclorophenoxyacetic acid (2,4-D) herbicide by lead dioxide electrodes	RSC Advances	2019
25	Efficient phenol removal from aqueous solution using ironcoated pumice and leca as an available adsorbents: Evalution of kinetics and isotherm studies	Global Nest Journal	2019
26	Investigation of the efficiency of heterogeneous fenton-like process using modified magnetic nanoparticles with sodium alginate in removing bisphenol a from aquatic environments: Kinetic studies	Desalination and Water Treatment	2019
27	Ultrasound-assisted sorption of Pb(II) on multiwalled carbon nanotube in presence of naturalorganic matter: an insight into main and interactioneffects using modelling approaches of RSM and BRT	RSC Advances	2019
28	Development and Application of a Potentiometric Hg+2 Imprinted Polymer/graphitic Carbon Nitride/Carbon Paste Electrode	Analytical and Bioanalytical Chemistry	2019
29	Removing amoxicillin antibiotic from aqueous solutions by Saccharomyces cerevisiae bioadsorbent: Kinetic, thermodynamic and isotherm studies	Desalination and Water Treatment	2019
30	A Highly Sensitive and Selective Electrochemical Mercury (II) Sensor Based on Nanoparticles of Hg(II)-imprinted Polymer and Graphitic Carbon Nitride (g-C3N4)	International Journal of Electrochemical Science	2019

31	The efficiency of UV/S2O82- photo-oxidation process in the presence of Al2O3 for the removal of dexamethasone from aqueous solution: kinetic studies	water science and technology	2019
32	Degradation of phenol using US/Periodate/nZVI system from	Global NEST Journal aqueous solutions	2019
33	Efficiency of Saccharomyces Cerevisiae in Ceftriaxone Removal from Aquatic Environments: Kinetic, Isotherm of Absorption and Thermodynamics Study	Journal of Health	2019
34	The Necessity of Monitoring Pesticide Residues in Vegetables Iran and Fruits Using Hazard Index among Consumers	Journal Public Health	2019
35	Parameter optimization and degradation mechanism for electrocatalytic degradation of 2,4-diclorophenoxyacetic acid (2,4-D) herbicide by lead dioxide electrodes	RSC Advances	2019
36	Removal of phenol from aqueous solutions using persulfateassisted, photocatalytic-activated aluminum oxide nanoparticles	Journal of Advances in Environmental Health Research	2019
37	Removing amoxicillin antibiotic from aqueous solutions by Saccharomyces cerevisiae bioadsorbent: Kinetic, thermodynamic and isotherm studies	Desalination and 2019 Water Treatment	2019
40	Electrodegradation of 2, 4-dichlorophenoxyacetic acid herbicide from aqueous solution using three-dimensional electrode reactor with G/β-PbO 2 anode: Taguchi optimization and degradation mechanism determination	RSC Advances	2018
41	Thermochemical degradation of furfural by sulfate radicals in aqueous solution: optimization and synergistic effect studies	Environmental Science and Pollution Research	2018
42	Investigation of Malathion Removal from Aqueous Solutions by Photocatalytic Process Combined with Persulfate and Hydrogen Peroxide	journal of health	2018
43	Efficient phenol removal from aqueous solution using ironcoated pumice and leca as an available adsorbents: evalution of kinetics and isotherm studies	Global nest journal	2018
44	Evaluation of US/S2O8-2 compilative process performance in the removal of Erythrosine B dye from aqueous solution	Journal of Advances in Environmental Health Research	2018
45	Comparing the efficiency of UV/ZrO2 and UV/H2O2/ZrO2 photocatalytic processes in furfural removal from aqueous solution	Applied Water Science	2018
46	General self-similar solution for expansion of non-Maxwellian plasmas	Physica Scripta	2018
47	Effective Removal of Azo Dye Reactive Blue 222 from Aqueous Solutions Using Modified Magnetic Nanoparticles with Sodium Alginate/Hydrogen Peroxide	Environmental Progress & Sustainable Energy	2018
48	Electrochemical process for 2,4-D herbicide removal from aqueous solutions using stainless steel 316 and graphite Anodes: optimization using response surface methodology. Separation Science and Technology	Separation Science and Technology	2018
49	Performance survey of the advanced oxidation process of	Journal Of Neyshabur	2018

	UV/H2O2 and UV/S2O8 in Dexamethasone removal from aqueous solutions	University Of Medical Sciences	
50	Modeling and optimization of removal of cefalexin from aquatic solutions by enzymatic oxidation using experimental design	Brazilian Journal of Chemical Engineering	2018
51	Optimizing laccase-mediated amoxicillin removal by the use of Box-Behnken design in an aqueous solution	Desalination and water treatment	2018
50	Study of the efficiency of moving bed biofilm reactor (MBBR) in LAS Anionic Detergent removal from hospital wastewater: determination of removing model according to response surface methodology (RSM)	Water Science and Technology	2018
51	Comparison of the Performance of AOP Method Using O3/H2O2 in the Presence of TiO2 and ZrO2 Nano Particles Stabilized on Pumice for the Removal of Pentachlorophenol from Aquatic Solution: Kinetic Studies	Iranian Journal of Health, Safety & Environment	2018
52	Feasibility of Reuse of Effluent from the Extended Aeration Process of Wastewater Treatment Plant in the Bojnoord City for Agricultural and Irrigation Uses	Kermanshah Univ Med Sci	2018
53	Feasibility of Reuse of Effluent from the Extended Aeration Process of Wastewater Treatment Plant in the Bojnoord City for Agricultural and Irrigation Uses	Pajouhan Scientific Journal	2018
54	Investigation of the efficiency of heterogeneous fenton-like process using modified magnetic nanoparticles with sodium alginate in removing bisphenol a from aquatic environments: Kinetic studies	Desalination and Water Treatment	2018
55	Response surface methodological approach for optimizing removal of ciprofloxacin from aqueous solution using thermally activated persulfate/aeration system	Global NEST Journa	2018
56	Survey on efficiency of BF/AS integrated biological system in phenol removal of wastewater	Desalination and Water Treatment	2017
57	Study of the efficiency of bio-filter and activated sludge (BF/AS) combinedprocess in phenol removal from aqueous solution:determination of removing model according to response surface methodology (RSM)	Desalination and Water Treatment	2017
58	Comparing the performance of granular coral limestone and Leca in adsorbing Acid Cyanine 5R from aqueous solution	Saudi Journal of Biological Sciences	2017
59	The efficiency of Lolium perenne for phytoremediation of anthracene in polluted soils in the presence of Bacillus aerophilu	Petroleum Science and Technology	2017
60	Evaluation of Autothermal Thermophilic Aerobic Digester Performance for the Stabilization of Municipa l Wastewater Sludge	Pakistan Journal of Biological Sciences	2017
61	Modelling of moving bed biofilm reactor (MBBR) efficiency on hospital wastewater (HW) treatment: a comprehensive analysis on BOD and COD removal	Int. J. Environ. Sci. Techno	2017
62	Evaluation of the Efficiency of Wastewater Treatment Plants in the Removal of Common Antibiotics from Municipal Wastewater in Hamadan, Iran	Avicenna J Environ Health En	2017
63	Common Antibiotics in Wastewater of Sina and 27	Arch Hyg Sci	2017

	Besat Hospitals, Hamadan, Iran		
64	Prevalence and Removal Efficiency of Enterococcal Species andVancomycin-resistant Enterococci of a Hospital WastewaterTreatment Plant	avicenna journal of environmental health engineering	2016
65	Determination of Pesticides Residues in Cucumbers Grown in Greenhouse and the Effect of Some Procedures on Their Residues	Iran J Public Health	2016
66	Biological removal of PAHs by bacteria from contaminated 24 soils	Petroleum Science and Technology	2016
67	Biosorption of Pentachlorophenol from Aqueous Solutions by 23 Aspergillus Niger Biomass	iranian Journal of Toxicology	2016
68	Removal of Bisphenol A using Antimony Nanoparticle Multi- 22 walled Carbon Nanotubes composite from aqueous solutions	Oriental Journal of Chemistry	2016
69	Evaluation of the Efficiency of a Biofilter System's Phenol Removal From Wastewater	Avicenna Journal of Environmental Health Engineering	2016
70	Efficiency of a Bed Biofilm Reactor Using a LECA Carrier to Treat Hospital Wastewater	Avicenna Journal of Environmental Health Engineering	2016
71	Monitoring of pH, Oxidation-Reduction Potential and Dissolved Oxygen to Improve the Performance of Dimethyl Phthalate Removal From Aqueous Solutions	Avicenna Journal of Environmental Health Engineering	2016
72	Efficiency of a Bed Biofilm Reactor Using a LECA Carrier to Treat Hospital Wastewater	Avicenna Journal of Environmental Health Engineering	2016
73	Monitoring of pH, Oxidation-Reduction Potential and Dissolved Oxygen to Improve the Performance of Dimethyl Phthalate Removal From Aqueous Solutions	Avicenna Journal of Environmental Health Engineering	2016
74	Cadmium removal by using pumice modified with iron nanoparticles from aqueous solutions	Global NEST Journal	2016
75	Application of Response Surface Method (RSM) for Comparison the Efficiency of waste water Stabilization Ponds and conventional activated sludge Systems in Organic Matter Removal from UrbanWastewaters	Der Pharma Chemica	2016
76	Comparing the performance of granular coral limestone and Leca in adsorbing Acid Cyanine 5R from aqueous solution	Saudi Journal of Biological Sciences	2016
77	Determination of Pesticides Residues in Cucumbers Grown in Greenhouse and the Effect of Some Procedures on Their Residues	Iranian Journal of Public Health	2016
78	Study of pentachlorophenol biosorption by phanerochaete Chrysosporium Biomass: Kinetics and adsorption isotherms modeling	Der Pharmacia Lettre	2015
79	Phenol degradation by per iodate in combination with ultrasonic irradiation	Journal of Medicine and Life	2015
80	Ciprofloxacin oxidation by magnetic Fe3O4/Multi Walled an effective heterogeneous Carbon Nano tubes composite as Fenton catalyst	Der Pharmacia Lettre	2015
81	Stabilization of Excess Sludge From Poultry	Avicenna J Environ	2015

	Slaughterhouse Wastewater Treatment Plant by the Fenton Process	Health Eng	
82	Study of Adsorption Equilibrium and Kinetics of direct blue 71 by activated red mud from aqueous solutions	Journal of Health Sciences	2014
83	Evaluation of biological and physico-chemical quality of public swimming pools, Hamadan (Iran)	International Journal of Environmental Health Engineering	2014
84	Evaluation of biological and physico-chemical quality of public swimming pools, Hamadan (Iran)	International Journal of Environmental	2013
85	Fungal Contamination Evaluation in Hamadan Indoor Public Swimming Pools	Jentashapir Journal of Health Research	2013
86	Evaluating the effect of glucose on phenol removal efficiency and changing the dominant microorganisms in the serial combined biological system	Journal of Research in Health Sciences	2012
87	Poplar Wood: Kinetic and Equilibrium Study. Evalution Aydughmush River Quality Parameters Changes and Wilcox Index Calculation	Journal of Chemistry	2009
88	Biosorption of iron from aqueous solution by dried biomass of activated sludge	Iranian Journal of Environmental Health Science & Engineering	2009
89	Removal of Reactive Black 5 (RB5) dye from aqueous solution by using of adsorption onto activated red mud: kinetic and equilibrium study	RASAYAN Journal of Chemistry	2009
90	Identification of Phenol Degrader Microorganisms in the Integrated BF/AS Combined System	Pakistan Journal of Biological Sciences	2004