

Curriculum Vitae



Maryam Dolatabadi

Assistant Professor of Environmental Health Engineering

Personal Information

Surname: Dolatabadi
First name: Maryam
Gender: Female
Birth date: 20th Feb 1987
Birthplace: Kerman, Iran
Languages: Farsi (Main), English

Contact Details

Kerman University of Medical Sciences, Kerman, Iran.
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Google Scholar: https://scholar.google.com/citations?user=_oMZS5cAAAAJ&hl=en

Education:

Ph.D. in the field of Environmental Health Engineering, Shahid Sadoughi University of Medical Science. Yazd, Iran

M.Sc. in the field of Environmental Health Engineering, Mashhad University of Medical Science. Mashhad, Iran.

B.Sc. in the field of Environmental Health Engineering, Kerman University of Medical Science. Kerman, Iran.

Research Activities

Ph.D. Thesis: Comparison of electrochemical process efficiency using catalytic electrodes modified with copper and bismuth for simultaneous removal of fenitrothionine, chlorothalonil and trifluoroaline pesticides from aqueous solution and biotoxicity evaluation of the effluent.

Supervisors: Dr. Mohammad Hassan Ehrampoush and Dr. Saeid Ahmadzadeh

M.Sc. Thesis: Evaluation of Agricultural Wastes Modified By Ferric Chloride for Removal of Antibiotics Tetracycline and Ciprofloxacin from Hospital Wastewater.

Supervisor: Dr. Hosein Alidadi.

Laboratory Skills

- Water & Wastewater Treatment Systems Using physical, chemical and biological process.
- Instrumental Analysis (Atomic Abs. Spec -AAS, Mass Spec, HPLC, GC, IR, UV-Vis, XRD, XRF, SEM).
- Synthesis of Nanoparticles and Nanocomposites for Medical and Environmental Applications.

Publications (ISI)

- Title:** Catalytic electrodes' characterization study serving polluted water treatment: environmental healthcare and ecological risk assessment. *Journal of Environmental Science and Health, Part B*. **2023**: 1-9.
Dolatabadi, M., Ehrampoush, M.H., Pournamdari, M., Ebrahimi, A.A., Fallahzadeh, H. and Ahmadzadeh, S.
- Title:** Enhanced electrocatalytic elimination of fenitrothion, trifluralin, and chlorothalonil from groundwater and industrial wastewater using modified Cu-PbO₂ electrode. *Journal of Molecular Liquids*. **2023** Jun 1;379:121706.
Dolatabadi, M., Ehrampoush, M.H., Pournamdari, M., Ebrahimi, A.A., Fallahzadeh, H. and Ahmadzadeh, S.
- Title:** Efficiency of modified plant guar gum as aid coagulant for removal of diazinon from aqueous solution: optimization by response surface methodology. *Chemical Papers*. **2023** Mar;77(3):1339-49.
Dolatabadi M., Meftahizade H, Ahmadzadeh S, Abbasi F, Falakian M, Ghorbanpour M.
- Title:** Accelerated degradation of groundwater-containing malathion using persulfate activated magnetic Fe₃O₄/graphene oxide nanocomposite for advanced water treatment. *Arabian Journal of Chemistry*. **2023** Jan 1;16(1):104424.
Dolatabadi M., Świergosz T, Wang C, Ahmadzadeh S.
- Title:** Response surface modeling of ceftriaxone removal from hospital wastewater. *Environmental Monitoring and Assessment*. **2023** Jan;195(1):217.
Noudeh GD, Asdaghi M, Noudeh ND, **Dolatabadi M.**, Ahmadzadeh S.
- Title:** Simultaneous electrochemical degradation of pesticides from the aqueous environment using Ti/SnO₂-Sb₂O₃/PbO₂/Bi electrode; process modeling and mechanism insight. *Chemosphere*. **2023** Jan 1;311:137001.
Dolatabadi M., Ehrampoush MH, Pournamdari M, Ebrahimi AA, Fallahzadeh H, Ahmadzadeh S.
- Title:** Hydroxyzine removal from the polluted aqueous solution using the hybrid treatment process of electrocoagulation and adsorption; optimization, and modeling. *Applied Water Science*. **2022** Nov;12(11):254.
Dolatabadi M., Kheirieh A, Yoosefian M, Ahmadzadeh S.

8. **Title:** Adsorption characteristics in the removal of chlorpyrifos from groundwater using magnetic graphene oxide and carboxy methyl cellulose composite. *Separation and Purification Technology*. **2022** Nov 1;300:121919.
Dolatabadi M, Naidu H, Ahmadzadeh S.
9. **Title:** Removal of reactive blue 171 dye from aqueous solution and textile industrial wastewater using peroxi-electrocoagulation process by iron electrode: application of response surface methodology. *Desalination and Water Treatment*. **2022** Oct 1;272:266-76.
Mahroudi A, Aghasi M, **Dolatabadi M**, Ahmadzadeh S.
10. **Title:** A green approach to remove acetamiprid insecticide using pistachio shell-based modified activated carbon; economical groundwater treatment. *Journal of Cleaner Production*. **2021** Sep 20;316:128226.
Dolatabadi M, Naidu H, Ahmadzadeh S.
11. **Title:** Electro-Fenton approach for highly efficient degradation of the herbicide 2, 4-dichlorophenoxyacetic acid from agricultural wastewater: Process optimization, kinetic and mechanism. *Journal of Molecular Liquids*. **2021** Jul 15;334:116116.
Dolatabadi M, Ghaneian MT, Wang C, Ahmadzadeh S
12. **Title:** Electro-Fenton approach in oxidative degradation of dimethyl phthalate-The treatment of aqueous leachate from landfills. *Science of the Total Environment*. **2021** Jun 10;772:145323.
Dolatabadi M, Świergosz T, Ahmadzadeh S.
13. **Title:** Insights into paracetamol degradation in aqueous solutions by ultrasound-assisted heterogeneous electro-Fenton process: Key operating parameters, mineralization and toxicity assessment. *Separation and Purification Technology*. **2021** Jul 1;266:118533.
Ghanbari F, Hassani A, Waclawek S, Wang Z, Matyszczyk G, **Dolatabadi M**.
14. **Title:** Iron-modified activated carbon derived from agro-waste for enhanced dye removal from aqueous solutions. *Heliyon*. **2021** Jun 1;7(6).
Barjasteh-Askari F, Davoudi M, **Dolatabadi M**, Ahmadzadeh S.
15. **Title:** Adsorption of tetracycline antibiotic onto modified zeolite: Experimental investigation and modeling. *MethodsX*. 2020 Jan 1;7:100885.
Dolatabadi M, Mehrabpour M, Esfandyari M, Ahmadzadeh S.

16. **Title:** Mineralization of mefenamic acid from hospital wastewater using electro-Fenton degradation: Optimization and identification of removal mechanism issues, *Environmental Progress & Sustainable Energy*. **2019** Dec 13:e13380.
Dolatabadi M, Ahmadzadeh S. A, Ghaneian MT.
17. **Title:** A rapid and efficient removal approach for degradation of metformin in pharmaceutical wastewater using electro-Fenton process; optimization by response surface methodology. *Water Science and Technology*. **2019** Aug 15;80(4):685-94.
Dolatabadi M, Ahmadzadeh S. A
18. **Title:** Electrochemical treatment of pharmaceutical wastewater through electrosynthesis of iron hydroxides for practical removal of metronidazole. *Chemosphere*. **2018** Dec 1;212:533-9.
Ahmadzadeh S, **Dolatabadi M**.
19. **Title:** Modeling and kinetics study of electrochemical peroxidation process for mineralization of bisphenol A; a new paradigm for groundwater treatment. *Journal of Molecular Liquids*. **2018** Mar 15;254:76-82.
Ahmadzadeh S, **Dolatabadi M**.
20. **Title:** Enhanced removal of tetracycline using modified sawdust: Optimization, isotherm, kinetics, and regeneration studies. *Process Safety and Environmental Protection*. **2018** Jul 1;117:51-60.
Alidadi H, **Dolatabadi M**, Davoudi M, Barjasteh F, Jamali F, Hosseinzadeh A.
21. **Title:** Modeling of simultaneous adsorption of dye and metal ion by sawdust from aqueous solution using of ANN and ANFIS. *Chemometrics and Intelligent Laboratory Systems*. **2018** Oct 15;181:72-8.
Dolatabadi M, Mehrabpour M, Esfandyari M, Alidadi H, Davoudi M.
22. **Title:** Competitive removal of cationic dye (BR 46) and heavy metal (copper II) from synthetic textile effluent using adsorbent of Melia azedarach sawdust. *Desalination and Water Treatment*. **2018** Jun 1;118:326-35.
Davoudi M, Alidadi H, Mehrabpour M, **Dolatabadi M**.
23. **Title:** Adsorptive removal of arsenic from aqueous solutions using magnetite nanoparticles and silica-coated magnetite nanoparticles. *Environmental Progress & Sustainable Energy*. **2018** May;37(3):951-60.
Jamali-Behnam F, Najafpoor AA, Davoudi M, Rohani-Bastami T, Alidadi H, Esmaily H, **Dolatabadi M**.

24. **Title:** Removal of acetaminophen from hospital wastewater using electro-Fenton process. *Environmental earth sciences*. **2018** Jan 1;77(2):53.
Ahmadzadeh S, **Dolatabadi M**.
25. **Title:** In situ generation of hydroxyl radical for efficient degradation of 2, 4-dichlorophenol from aqueous solutions. *Environmental monitoring and assessment*. **2018** Jun 1;190(6):340.
Ahmadzadeh S, **Dolatabadi M**.
26. **Title:** Optimization of electrocoagulation process for efficient removal of ciprofloxacin antibiotic using iron electrode; kinetic and isotherm studies of adsorption. *Journal of Molecular Liquids*. **2017** Jan 1;225:544-53.
Yoosefian M, Ahmadzadeh S, Aghasi M, **Dolatabadi M**.
27. **Title:** Removal of ciprofloxacin from hospital wastewater using electrocoagulation technique by aluminum electrode: optimization and modelling through response surface methodology. *Process Safety and Environmental Protection*. **2017** Jul 1;109:538-47.
Ahmadzadeh S, Asadipour A, Pournamdari M, Behnam B, Rahimi, **Dolatabadi M**.
28. **Title:** Removal of methylene blue dye from aqueous solutions by a new chitosan/zeolite composite from shrimp waste: Kinetic and equilibrium study. *Korean Journal of Chemical Engineering*. **2017** Jun 1;34(6):1699-707.
Dehghani MH, Dehghan A, Alidadi H, **Dolatabadi M**, Mehrabpour M, Converti A.
29. **Title:** Improved electrocoagulation process using chitosan for efficient removal of cefazolin antibiotic from hospital wastewater through sweep flocculation and adsorption: kinetic and isotherm study. *Desalination and Water Treatment*. **2017** Oct 1;92:160-71.
Ahmadzadeh S, Asadipour A, Yoosefian M, **Dolatabadi M**.
30. **Title:** Waste recycling by vermicomposting: Maturity and quality assessment via dehydrogenase enzyme activity, lignin, water soluble carbon, nitrogen, phosphorous and other indicators. *Journal of environmental management*. **2016** Nov 1;182:134-40.
Alidadi H, Hosseinzadeh A, Najafpoor AA, Esmaili H, Zanganeh J, **Dolatabadi M**, Piranloo FG.
31. **Title:** Comparative study of cationic and anionic dye removal from aqueous solutions using sawdust-based adsorbent. *Environmental Progress & Sustainable Energy*. **2016** Jul;35(4):1078-90.
Dolatabadi M, Alidadi H, Davoudi M.

Publications (Scopus)

1. **Title:** Catalytic ozonation process using modified activated carbon as a catalyst for the removal of sarafloxacin antibiotic from aqueous solutions. *Analytical Methods in Environmental Chemistry Journal*. **2023** Jun 30;6(02):31-41.
Dolatabadi M, Ahmadzadeh S.
2. **Title:** Catalytic ozonation process using ZnO/Fe₂O₃ nanocomposite for efficient removal of captopril from aqueous solution. *Analytical Methods in Environmental Chemistry Journal*. **2022** Sep 28;5(03):31-9.
Dolatabadi M, Akbarpour R, Ahmadzadeh S.
3. **Title:** Degradation of high-concentration of perchloroethylene from aqueous solution using electro-fenton process. *Journal of Environmental Health and Sustainable Development*. **2022** Jun 10;7(2):1676-83.
Dolatabadi M, Ghorbanian A, Ahmadzadeh S.
4. **Title:** Investigation of Corrosion and Scaling Potential in Drinking Water in Rafsanjan, Iran. *Journal of Environmental Health and Sustainable Development*. **2022** Jun 20.
Eslami H, Heidari FA, Salari M, Esmaili A, Hosseini AN, **Dolatabadi M***
5. **Title:** Application of experimental design methodology to optimize acetaminophen removal from aqueous environment by magnetic chitosan@ multi-walled carbon nanotube composite: Isotherm, kinetic, and regeneration studies. *Analytical Methods in Environmental Chemistry Journal*. **2022** Mar 29;5(01):61-74.
Nabatian E, **Dolatabadi M**, Ahmadzadeh S.
6. **Title:** Electrochemical oxidation approach towards the treatment of acetamiprid pesticide from polluted water. *Journal of Environmental Health and Sustainable Development*. **2022** Mar 15.
Dolatabadi M, Hajebrahimi Z, Malekahmadi R, Ahmadzadeh S.
7. **Title:** The Effect of Education on the Knowledge, Attitude, and Practice of Breastfeeding Mothers towards Heavy Metals Transferred from Breast Milk. *Journal of Nutrition and Food Security*. **2022** Oct 30.
Marzban A, Ramezani-Siakhulak F, Rahmanian V, **Dolatabadi M**, Ansari A, Aghda MA.
8. **Title:** Response surface modeling for the treatment of methylene blue from aqueous media using electro-Fenton process before determination by UV-VIS spectrometer: Kinetic and degradation mechanism. *Analytical Methods in Environmental Chemistry Journal*. **2022** Jun 29;5(02):39-50.
Zahedi S, Asadipour A, **Dolatabadi M**, Ahmadzadeh S.

9. **Title:** Mg-Al-layered Double Hydroxide as Promising Sustainable Nanoadsorbent for Application in Water/Wastewater Treatment Processes; Diethyl Phthalate Removal. *Journal of Environmental Health and Sustainable Development*. **2021** Sep 25.
Dolatabadi M, Ghorbanian A, Ahmadzadeh S.
10. **Title:** Investigation of Electrocoagulation Process for Efficient Removal of Bisphenol A from the Aqueous Environment: Promising Treatment Strategy. *Journal of Environmental Health and Sustainable Development*. **2021** Jun 27.
Dolatabadi M, Malekahmadi R, Ghorbanian A, Ahmadzadeh S.
11. **Title:** Dietary Food Groups and Nutrient Intake in Association with Multiple Sclerosis: A Case-Control Study. *Journal of Environmental Health and Sustainable Development*. **2021** Mar 15.
Yakhdani MF, Mohammadi M, Abargouei AS, Mirzaei M, Rahimdel A, Fathabadi ZA, **Dolatabadi M**, Entezari M, Ebrahimi AA.
12. **Title:** Relationship between Religious attitudes and water conservation tendency in high school students. *Journal of Environmental Health and Sustainable Development*. **2020** Mar 4.
Marzban A, Ansari A, Rafiee Y, Ebrahimi AA, **Dolatabadi M**, Beykzavieh A.
13. **Title:** Investigatinon of Green Hospital Standards in Jiroft Hospitals. *Journal of Environmental Health and Sustainable Development*. **2019** Mar 4.
Mazar NM, Ehrampoush MH, Ebrahimi A, Ghaneian M, **Dolatabadi M**, Asqari R.
14. **Title:** Qualitative analysis of groundwater quality indicators based on Schuler and Wilcox diagrams: IDW and Kriging models. *Journal of Environmental Health and Sustainable Development*. **2019** Dec 16.
Almodaresi SA, Mohammadrezaei M, **Dolatabadi M**, Nateghi MR.
15. **Title:** Evaluation the effect of landfill leachate on the surface water quality: A case study in Tonekabon landfill. *Journal of Environmental Health and Sustainable Development*. **2018** Mar 10;3(1):472-80.
Alizadeh M, Mirhoseini SA, **Dolatabadi M**, Ebrahimi AA.

Other Publications

1. **Title:** Removal of chromium (Cr⁶⁺) from aqueous solutions using adsorption onto *Pistachio Shell*. *Pistachio and Health Journal*. **2021** Dec 1;4(4):80-90.
Akbarpour R, Ghorbanian A, **Dolatabadi M***.
2. **Title:** Efficiency of Pistachio Tree Sawdust in Removing Reactive Red 11 from Contaminated Aquatic Environment. *Pistachio Shell*. *Pistachio and Health Journal*. **2021** Aug 1;4(3):51-62.
Hajebrahimi Z, Mahroudi A, Akbarpour R, **Dolatabadi M***.
3. **Title:** Removing nitrate from contaminated water using activated carbon prepared from hard pistachio shells. *Pistachio Shell*. *Pistachio and Health Journal*. **2021** Jun 1;4(2):28-39.
Akbarpour R, Hajebrahimi Z, **Dolatabadi M***.
4. **Title:** Aflatoxin Contamination of Pistachio and the Problems and Strategies of Decontamination; A Review Study. *Pistachio Shell*. *Pistachio and Health Journal*. **2020** Dec 1;3(4):21-32.
Mahroudi A, Eslami H, Mehrabpour M, **Dolatabadi M***.
5. **Title:** Removal of Methylene Blue Dye from Textile Industry Wastewater by Sawdust of Pistachio Tree. *Pistachio Shell*. *Pistachio and Health Journal*. **2020** Dec 1;3(4):63-76.
Ghorbanian A, Mahroudi A, Eslami H, **Dolatabadi M***.
6. **Title:** Evaluation of Activated carbon prepared from pistachio shell as an adsorbent for the removal of tetracycline antibiotics from aqueous solution: kinetic and isotherm study. *Pistachio and Health Journal*. **2020** Feb 1;3(1):58-75.
Ghorbanian A, Mahroudi A, Eslami H, **Dolatabadi M***.
7. **Title:** Effects of Pesticides Used in Controlling Pistachio Psyllid on Human Health, and Control Strategies. *Pistachio and Health Journal*. **2020** Jun 1;3(2):1-4.
Eslami H, **Dolatabadi M***.
8. **Title:** Feasibility Study for Reuse of Zarand Thermal Power Plant Wastewater Passed through Reverse Osmosis Process. *Iranian Journal of Health, Safety and Environment*. **2017** Apr 19;4(3):795-803.
Salmani ER, Ghaderi A, Ataei SA, **Dolatabadi M**.
9. **Title:** Removal of reactive red 141 dye from synthetic wastewater by electrocoagulation process: investigation of operational parameters. *Iranian Journal of Health, Safety and Environment*. **2016** Jan 9;3(1):403-11.
Salmani ER, Ghorbanian A, Ahmadzadeh S, **Dolatabadi M**, Nemanifar N.

Congresses & Conferences

Oral presentation

1. **Title:** Electro-Fenton Process Studies for Effective Removal of Antibiotic Tetracycline from Hospital Wastewater. *3th International Conference on New Research Achievements in Chemistry & Chemical Engineerin*, Amirkabir University of Technology Tehran Iran. Ahmadzadeh.S, Aghasi. M, Moridi.A, **Dolatabadi M**, Yoosefian.M.
2. **Title:** Evaluation of Electrocoagulation Process for the Removal of Amoxicillin from Hospital Wastewater. *3th International Conference on New Research Achievements in Chemistry & Chemical Engineering*. Amirkabir University of Technology Tehran Iran. Ahmadzadeh.S, Aghasi.M, Pourjahanshahi.M, **Maryam Dolatabadi**, Yoosefian.M.
3. **Title:** Enhanced removal of 2,4- dichlorophenol from aqueous solution using Electro Fenton process: Process optimization using response surface methodology. *5th International Conference on Applied Research in Chemistry and Chemical Engineering focusing on local technologies, The Society of Indigenous Technologies of Iran*. Tehran, Iran. Rahmani.A, Ahmadzadeh.S, **Dolatabadi.M**.
4. **Title:** Investigation of applicability of Electro-Fenton process for the degradation and mineralization of Bisphenol A from groundwater. *5th International Conference on Applied Research in Chemistry and Chemical Engineering focusing on local technologies, The Society of Indigenous Technologies of Iran*. Tehran, Iran. **Dolatabadi.M**, Ahmadzadeh.S, Rahmani.A.
5. **Title:** Removal of phthalate ester (Di-ethyl phthalate) from industrial wastewater using electrocoagulation process as a green technology. *5th International Conference on Applied Research in Chemistry and Chemical Engineering focusing on local technologies, The Society of Indigenous Technologies of Iran*. Tehran, Iran. Rahmani.A, Ahmadzadeh.S, **Dolatabadi.M**.
6. **Title:** Investigation of electrocoagulation and adsorption coupling process for efficient removal of cefazolin from hospital wastewater: promising removal strategy. *Geochemistry and Environmental Chemistry (GECCONF2018)*. 9-10 May **2018**. Graduate University of Advanced Technology, Kerman, Iran. Ahmadzadeh.S, Raeisi.MA, **Dolatabadi.M**.
7. **Title:** The ability of *Saccharomyces cerevisiae* in biological removal of ciprofloxacin antibiotics from aqueous solutions ,*The second national conference of planning , protecting and conserving environmental and stable development*. 15 February **2015**, Sadeghi.A, **Dolatabadi.M**.

Poster presentation

1. **Title:** Removal of reactive black-5 dye from textile wastewater using electro Fenton process, *5th International & 24th National Conference on Environmental Health*, December 14-16, 2021. **Dolatabadi. M**, Ahmadzadeh. S.
2. **Title:** Removal of chromium (VI) from synthetic and leather industrial wastewater using electrocoagulation technology, *5th International and 24th National Conference on Environmental Health*, December 14-16, 2021. **Dolatabadi. M**, Ahmadzadeh. S.
3. **Title:** Paper and cardboard wastewater treatment using electrocoagulation process, *5th International and 24th National Conference on Environmental Health*, December 14-16, 2021. **Dolatabadi. M**, Ahmadzadeh. S.
4. **Title:** Evaluation of electrocoagulation process for removal of heavy metals from plating industry wastewater, *4th International and 23rd National Conference on Environmental Health*, March 2-4, 2021. **Dolatabadi. M**, Ahmadzadeh. S.
5. **Title:** Investigation of photo electro-Fenton process in phenol removal from industrial wastewater, *4th International and 23rd National Conference on Environmental Health*, March 2-4, 2021. **Dolatabadi. M**, Ahmadzadeh. S.
6. **Title:** Wastewater Treatment in the slaughterhouse industry using electrocoagulation process: Investigation of operational parameters and evaluation of electrical energy. *3rd International and 21st National Conference on Environmental Health*. February 26-28, 2019. Zanjan, Iran. **Dolatabadi. M**, Ahmadzadeh.S.
7. **Title:** Mineralization and detoxification of Paraquat from industrial wastewater using electro Fenton process: Removal rate and degradation mechanism issues . *3rd International and 21st National Conference on Environmental Health*. February 26-28, 2019. Zanjan, Iran. **Dolatabadi. M**, Ahmadzadeh.S.
8. **Title:** Modeling of fluoxetine removal from wastewater using photo electro-Fenton process; Performance and mechanisms. *2st international congress of pharmacy updates 2019*. 6-9 Feb 2019. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. **Dolatabadi. M**, Paknia.O, Ahmadzadeh.S.

9. **Title:** Decomposed of diclofenac from pharmaceutical wastewater using electro Fenton process: A new technique of treatment. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. **Dolatabadi. M**, Zeinadini.A, Ahmadzadeh.S.
10. **Title:** Enhanced adsorption onto modified carbon nanotubes for removal of ranitidine from hospital wastewater: Strategies and Challenges. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. Sadeghzadeh.M, **Dolatabadi. M**, Basiri.A, Ahmadzadeh.S.
11. **Title:** Adsorption kinetics, isotherms, and thermodynamic studies for ibuprofen adsorption from synthetic wastewater using modified kaolin; Experimental and theoretical investigation. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. Ahmadzadeh.S, Sadeghzadeh.M, **Dolatabadi. M**.
12. **Title:** Advanced electrochemical oxidation process for mineralization of acetaminophen from hospital wastewater. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. Zeinadini.A, **Dolatabadi. M**, Ahmadzadeh.S.
13. **Title:** Enhanced degradation of the antibiotic sulfamethoxazole using heterogeneous electro-Fenton. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. Kheirieh.A, **Dolatabadi. M**, Ahmadzadeh.S.
14. **Title:** A novel strategy for the treatment of acetaminophen from the hospital wastewater using modified carbon nanotube: Theoretical and experimental view. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. MHamzehnejadi.M, Nabatian.E, **Dolatabadi. M**, Basiri.A, Ahmadzadeh.S.
15. **Title:** Novel adsorption materials based on polyamide-graphene composite for efficient removal of amoxicillin from aqueous solution; experimental and computational aspect of adsorption process. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. Paknia.O, **Dolatabadi. M**, Basiri.A, Ahmadzadeh.S.

16. **Title:** Development and performance evaluation of the electro-Fenton process for degradation of ampicillin from pharmaceutical wastewater. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. Maghfory.F, **Dolatabadi. M**, Ahmadzadeh.S.
17. **Title:** Advanced treatment of pharmaceutical wastewater using new bipolar electrocoagulation process. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. **Dolatabadi. M**, Maghfory.F, Ahmadzadeh.S.
18. **Title:** Fast and complete removal of the penicillin from hospital wastewater using electrocoagulation process. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. Ahmadzadeh.S, Kheirieh.A, **Dolatabadi. M**.
19. **Title:** Experimental and theoretical approach for high efficiency removal of tetracycline from hospital wastewater using ultrasonically synthesized zinc hydroxide nanoparticles. *2st international congress of pharmacy updates 2019*. 6-9 Feb **2019**. Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran. **Dolatabadi. M**, Poustchin.M, Basiri.A, Ahmadzadeh.S.
20. **Title:** Photo-electro Fenton process applied to the degradation of antibiotic from hospital wastewater: Kinetics, mechanism and toxicity assessment. *22th iranian pharmacy students seminar(IPSS 22th)*.16-19 April **2019**. Zanjan University of Medical Sciences, Zanjan, Iran. Ahmadzadeh.S, Kheirieh.A, **Dolatabadi.M**.
21. **Title:** Electrochemical treatment and decomposed of sulfonamide antibiotic from wastewater by the generation of hydroxyl radicals. *22th iranian pharmacy students seminar(IPSS 22th)*.16-19 April **2019**. Zanjan University of Medical Sciences, Zanjan, Iran. **Dolatabadi.M**, Kheirieh.A, Ahmadzadeh.S.
22. **Title:** Degradation of pharmaceuticals and personal care using generation of reactive radical's species for treatment of hospital wastewater. *22th iranian pharmacy students seminar(IPSS 22th)*.16-19 April **2019**. Zanjan University of Medical Sciences, Zanjan, Iran. **Dolatabadi.M**, Zeinadini.A, Ahmadzadeh.S.
23. **Title:** Advanced oxidation process for non-steroidal inflammatory drug destruction based on the Fenton reaction: Optimization through response surface methodology. *22th iranian pharmacy students seminar(IPSS 22th)*.16-19 April **2019**. Zanjan University of Medical Sciences, Zanjan, Iran. Ahmadzadeh.S, Zeinadini.A, **Dolatabadi.M**.

24. **Title:** Improved adsorption for removal of ranitidine from hospital wastewater using magnetic activated carbon; Optimization, kinetics, and isotherm modeling. *21th Iranian Pharmacy Students Seminar (IPSS21)*. Ahvaz University of Medical Sciences, Ahvaz, Iran. 6-9 March **2018**. Zeinadini.A, **Dolatabadi.M**, Ahmadzadeh.S.
25. **Title:** Innovation on removal of aniline from pharmaceutical wastewater using advanced oxidation process: Application of the experimental design methodology. *21th Iranian Pharmacy Students Seminar (IPSS21)*. Ahvaz University of Medical Sciences, Ahvaz, Iran. 6-9 March **2018**. **Dolatabadi.M**, Ahmadzadeh.S, Zeinadini.A.
26. **Title:** Kinetics, isotherms, and thermodynamic studies of ceftriaxone adsorption from hospital wastewater using chitosan. *21th Iranian Pharmacy Students Seminar (IPSS21)*. Ahvaz University of Medical Sciences, Ahvaz, Iran. 6-9 March **2018**. Dehghan-Noudeh.Gh, Asdaghi.M, Ahmadzadeh.S, **Dolatabadi.M**.
27. **Title:** Strategy for treating diclofenac from pharmaceutical wastewater using electrocoagulation processes: Role of complexation of Fe³⁺ with hydroxide group. *21th Iranian Pharmacy Students Seminar (IPSS21)*. Ahvaz University of Medical Sciences, Ahvaz, Iran. 6-9 March **2018**. **Dolatabadi.M**, Ahmadzadeh.S, Mehrabi.F.
28. **Title:** Degradation and mineralization of methylene blue in wastewater by Electro-Fenton process: Kinetics assessment and oxidation products. *21th Iranian Pharmacy Students Seminar (IPSS21)*. Ahvaz University of Medical Sciences, Ahvaz, Iran. 6-9 March **2018**. Zahedi.S, Asadipour.A, **Dolatabadi.M**, Ahmadzadeh.S.
29. **Title:** UV/H₂O₂ and advanced oxidation technologies to remove Chlorpheniramine in wastewater. *21th Iranian Pharmacy Students Seminar (IPSS21)*. Ahvaz University of Medical Sciences, Ahvaz, Iran. 6-9 March **2018**. Kheirieh.A, Ahmadzadeh.S, **Dolatabadi.M**.
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