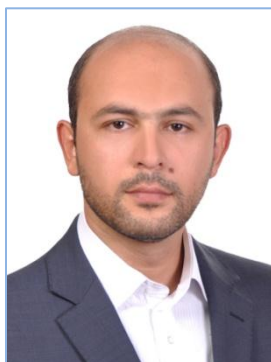


Curriculum Vitae



Dr. Saeid Ahmadzadeh

Ph.D. of Analytical Chemistry

Assistant Professor at Pharmaceutics Research Center

Personal Information

Surname: Ahmadzadeh

First name: Saeid

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Birth date: 9th Sep 1981

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Contact Details

Pharmaceutics Research Center

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Education:

Ph.D. in the field of Analytical Chemistry, University Putra Malaysia, Kuala Lumpur, Malaysia from December 2007 to June 2011.

M.Sc. in the field of Analytical Chemistry, Islamic Azad University-Mashhad, Iran from October 2005 to September 2007.

B.Sc. in the of field Applied Chemistry, Ferdowsi University of Mashhad-Iran from October 1999 to January 2003.

Research Activities

Ph.D. Thesis: Polymeric Membrane Sensors for Detection of Cesium (I), Chromium (III) and Titanium (III) Ions Based on Calixarene Ionophores. Supervised by Prof. Dr. Lee Yook Heng and Prof. Dr. Anuar Kassim.

M.Sc. Thesis: Thermodynamic study of complex formation between benzo-15-crown-5 with Na^+ cation in binary non-aqueous solvent system using conductometry method. Supervised by Prof. Dr. Gholam Hossein Rounaghi.

B.Sc. Thesis: Electroanalytical Study of Chlorine Alkali Process - Ravand Mashhad P.J.S. Supervised by Prof. Dr. Mohammad Hossein Arbab Zavar.

Research Courses:

- Advanced Electroanalytical Biosensors Supervised by Prof. Dr. Lee Yook Heng. University Putra Malaysia, Kuala Lumpur. 2010.
- Advanced Environmental Potentiometric Sensors Supervised by Prof. Dr. Anuar Kassim. University Putra Malaysia, Kuala Lumpur. 2009.
- Water and Industrial Wastewater Treatment Supervised by Prof. Dr. Arbab Zavar. Ferdowsi University of Mashhad, Iran, 2005.
- Solid State and Surface Chemistry Supervised by Prof. Dr. Entezari. Ferdowsi University of Mashhad, Iran, 2004.
- Analytical Chemistry in Non-aqueous Environments Supervised by Prof. Dr. Rounaghi. Ferdowsi University of Mashhad, Iran, 2005.
- Pharmaceutical Chemistry Supervised by Prof. Dr. Bakavoli. Ferdowsi University of Mashhad, Iran, 2005.

Ongoing Projects

- Fabrication of nanostructure sensor for analysis of biological compounds, adrenaline and noradrenaline in pharmaceutical and human urine samples, supported by Kerman university of medical sciences.
- Voltammetric sensor for determination of catecholamine drugs using CuFe_2O_4 nanoparticle, supported by Iran national science foundation.
- Hydroquinone, ascorbic and kojic acid analysis in liposome carrier using modified carbon paste electrode.
- Removal of tetracycline and clindamycin from hospital wastewater by using adsorption process by modified zeolite: modeling, kinetic and isotherm study, M. Sc. Thesis.
- Removal of ciprofloxacin antibiotic from hospital wastewater using electrocoagulation and process optimization through response surface methodology.
- Evaluation of modified pistachio activated carbon by chloride ferric performance as adsorbent for removal of metronidazole antibiotic from hospital wastewater.
- Validation of electrochemical sensor for quantitative determination of heavy metals in aqueous solutions.
- Fabrication of selective polymeric membrane sensor for quantitative determination of chromium (III) in aqueous medium using potentiometric technique.

Laboratory Skills

- Design and Fabrication of Bio-Analytical & Environmental Sensors.
- Synthesis of Nanoparticles and Nanocomposites for Medical and Environmental Applications.
- Water & Wastewater Treatment Systems Using Electrocoagulation, Electrophenton and Adsorption Process.
- Instrumental Analysis (Atomic Abs. Spec -AAS, ICP, Mass Spec, HPLC, IR, UV-Vis, XRD, XRF, SEM).

Training and Workshops

- Instrumental analysis training (HPLC – GC – UV-Vis – FT-IR), Sharif University of Technology, SCTAE, Iran. (11th-14th January 2014)
- Instrumental analysis training (XRD – XRF), Sharif University of Technology, SCTAE, Iran. (4th-7th December 2013)
- Instrumental analysis training (AAS – ICP), Sharif University of Technology, SCTAE, Iran. (21th-24th November 2013)
- Introduction to Electron Microscopy for Material Science Workshop - UPM, Malaysia (27th-29th April 2010)
- Endnote Workshop – UPM, Malaysia (22th May 2010)
- Workshop of Nanotechnology – Scientific Representative of I.R.I.B in South-East Asia, Malaysia (17th March 2009)
- Publishing for Postgraduates – UPM, Malaysia (28th-29th March 2009)
- Conference Presentation – UPM, Malaysia (16th-17th September 2009)
- Cracking the Code Workshop – UPM, Malaysia (4th-5th July 2009)
- The Viva Workshop – UPM, Malaysia (12th-13th November 2009)

Areas of Interest

- Nanostructured sensors and bio-electrochemistry
- Electrochemical sensors (potentiometry, voltammetry)
- Drug analysis
- DNA interaction with drug and environmental compounds
- Environmental chemistry
- Wastewater treatment (electrocoagulation, electro-Fenton, adsorption and photo-catalysis techniques)

Honors and Awards

- Ph.D. Fellowship, University Putra Malaysia (2007 to 2011)
- Award and Appreciation Letter for Being First Ranked and Top Graduated Ph.D. Student, (GPA=19.46 out of 20), University Putra Malaysia (2011)
- Achieving the Bronze medal of Invention, Research and Innovation Exhibition (PRPI-Malaysia 2010)


Teaching Experiences


- Analytical Chemistry
Pharm. D. & B.Sc. course (4 semesters: 2015 to 2017)
- Instrumental Analysis
Pharm. D. course (4 semesters: 2015 to 2017)
- Identify and Measurement of Environmental Toxins
M.Sc. course (1 semester: 2016 to 2017)
- General Chemistry
B.Sc. course (4 semesters: 2015 to 2017)
- Analytical Techniques for Trace Element Analysis
M.Sc. course (6 semesters: 2011 to 2014)
- Chromatography
M.Sc. course (2 semesters: 2013 to 2014)
- Chemical and Physical Methods of Separation
M.Sc. course (1 semester: 2014)
- Supervisor and Advisor of M.Sc. & Pharm. D. thesis :
3 graduated and 3 ongoing students
- Analytical Chemistry 2
B.Sc. course (4 semesters: 2011 to 2013)
- Instrumental Chemistry
B.Sc. course (2 semesters: 2012 to 2013)
- Industrial electrochemistry
B.Sc. course (2 semesters: 2012 to 2014)
- Environmental Chemistry
B.Sc. course (1 semester: 2014)
- Research and Training
B.Sc. course (2 semesters: 2012 to 2013)
- English for Chemistry Student
B.Sc. course (3 semesters: 2011 to 2013)

Publications


- [1] **Ahmadzadeh, S.**[✉], Dolatabadi, M., Modeling and kinetics study of electrochemical peroxidation process for mineralization of bisphenol A; a new paradigm for groundwater treatment, *Journal of Molecular Liquids*, 254 (2018) 76-82.
- [2] Behnam, B., Rezazadehkermani, M., **Ahmadzadeh, S.**, Mokhtarzadeh, A., Nematollahi-Mahani, S. N., Pardakhty, A., Microniosomes for concurrent doxorubicin and iron oxide nanoparticles loading; preparation, characterization and cytotoxicity studies, *Artificial Cells Nanomedicine and Biotechnology*, 46 (2018) 118-125.
- [3] **Ahmadzadeh, S.**[✉], Dolatabadi, M., In situ generation of hydroxyl radical for efficient degradation of 2,4-dichlorophenol from aqueous solutions, *Environmental Monitoring and Assessment*, 190 (2018).
- [4] **Ahmadzadeh, S.**[✉], Dolatabadi, M., Removal of acetaminophen from hospital wastewater using electro-Fenton process, *Environmental Earth Sciences*, 77 (2018).
- [5] Shadnia, S., Ebadollahi-Natanzi, A., **Ahmadzadeh, S.**, Karami-Mohajeri, S., Pourshojaei, Y., Rahimi, H.R., Delayed death following paraquat poisoning: three case reports and a literature review, *Toxicology Research*, 7 (2018) 745-753.
- [6] Ahmadzadeh, S.[✉], Dolatabadi, M., Electrochemical treatment of pharmaceutical wastewater through electrosynthesis of iron hydroxides for practical removal of metronidazole, *Chemosphere*, 212 (2018) 533-539.
- [7] Dolatabadi, M., Ahmadzadeh, S., Phthalates as Emerging Pollutants in Water Environment: Control & Treatment Strategies, *Journal of Environmental Health and Sustainable Development* 3(2018) 554-556.
- [8] Ahmadzadeh, S.[✉], Dolatabadi, M., Modeling of Electro Fenton Process for Removal of Diazinon from Groundwater Using Response Surface Methodology, *Journal of Environmental Health Engineering*, 5 (2018) 99-112.
- [9] **Ahmadzadeh, S.**[✉], Asadipour, A., Yoosefian, M., Dolatabadi, M., 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*, 92 (2017) 160-171.
- [10] **Ahmadzadeh, S.**[✉], Asadipour, A., Pournamdari, M., Behnam, B., Rahimi, H.R., Dolatabadi, M., 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).


[11] Yoosefian, M., **Ahmadzadeh, S.** , Aghasi, M., Dolatabadi, M., Optimization of electrocoagulation process for efficient removal of ciprofloxacin antibiotic using iron electrode; kinetic and isotherm studies of adsorption, *Journal of Molecular Liquids*, 225 (2017) 544-553.


[12] **Ahmadzadeh, S.** , Karimi, F., Atar, N., Sartori, E.R., Faghih-Mirzaei, E., Afsharmanesh, E., Synthesis of CdO nanoparticles using direct chemical precipitation method: Fabrication of novel voltammetric sensor for square wave voltammetry determination of chlorpromazine in pharmaceutical samples, *Inorganic and Nano-Metal Chemistry*, 47 (2017) 347-353.


[13] Zaghamarzi, F.A., Zahedi, M., Mola, A., Abedini, S., Arshadi, S., **Ahmadzadeh, S.**, Etminan, N., Younesi, O., Rahmanifar, E., Yoosefian, M., Fullerene-C60 and crown ether doped on C60 sensors for high sensitive detection of alkali and alkaline earth cations, *Physica E: Low-dimensional Systems and Nanostructures*, 87 (2017) 51-58.

[14] Yoosefian, M., Mola, A., Fooladi, E., **Ahmadzadeh, S.** , The effect of solvents on formaldehyde adsorption performance on pristine and Pd doped on single-walled carbon nanotube using density functional theory, *Journal of Molecular Liquids*, 225 (2017) 34-41.

[15] Fouladgar, M., **Ahmadzadeh, S.**, Application of a nanostructured sensor based on NiO nanoparticles modified carbon paste electrode for determination of methyl dopa in the presence of folic acid, *Applied Surface Science*, 379 (2016) 150-155.

[16] Pardakhty, A., **Ahmadzadeh, S.** , Avazpour, S., Gupta, V.K., Highly sensitive and efficient voltammetric determination of ascorbic acid in food and pharmaceutical samples from aqueous solutions based on nanostructure carbon paste electrode as a sensor, *Journal of Molecular Liquids*, 216 (2016) 387-391.

[17] Soltani, H., Pardakhty, A., **Ahmadzadeh, S.** , Determination of hydroquinone in food and pharmaceutical samples using a voltammetric based sensor employing NiO nanoparticle and ionic liquids, *Journal of Molecular Liquids*, 219 (2016) 63-67.

[18] Yoosefian, M., Etminan, N., **Ahmadzadeh, S.** , Solvents effect on the stability and reactivity of Tamoxifen and its nano metabolites as the breast anticancer drug, *Journal of Molecular Liquids*, 223 (2016) 1151-1157.

- [19] Salmani, E.R., Ghorbanian, A., **Ahmadzadeh, S.**, Dolatabadi, M., Nemanifar, N., Removal of Reactive Red 141 Dye from Synthetic Wastewater by Electrocoagulation Process: Investigation of Operational Parameters, *Iranian Journal of Health, Safety and Environment*, 3 (2016) 403-411.
- [20] **Ahmadzadeh, S.**[✉], Rezayi, M., Faghih-Mirzaei, E., Yoosefian, M., Kassim, A., Highly Selective Detection of Titanium (III) in Industrial Waste Water Samples Using Meso-octamethylcalix [4] pyrrole-Doped PVC Membrane Ion-Selective Electrode, *Electrochimica Acta*, 178 (2015) 580-589.
- [21] **Ahmadzadeh, S.**[✉], Rezayi, M., Kassim, A., Aghasi, M., Cesium selective polymeric membrane sensor based on p-isopropylcalix [6] arene and its application in environmental samples, *RSC Advances*, 5 (2015) 39209-39217.
- [22] **Ahmadzadeh, S.**[✉], Rezayi, M., Karimi-Maleh, H., Alias, Y., Conductometric measurements of complexation study between 4-Isopropylcalix [4] arene and Cr^{3+} cation in THF-DMSO binary solvents, *Measurement*, 70 (2015) 214-224.
- [23] Gupta, V.K., Golestani, F., **Ahmadzadeh, S.**, Karimi-Maleh, H., Fazli, G., Khosravi, S., NiO/CNTs Nanocomposite Modified Ionic Liquid Carbon Paste Electrode as a Voltammetric Sensor for Determination of Quercetin, *Int. J. Electrochem. Sci*, 10 (2015) 3657-3667.
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- [25] Rezayi, M., Heng, L.Y., Kassim, A., **Ahmadzadeh, S.**, Abdollahi, Y., Jahangirian, H., Immobilization of Ionophore and Surface Characterization Studies of the Titanium (III) Ion in a PVC-Membrane Sensor, *Sensors*, 12 (2012) 8806-8814.
- [26] Rezayi, M., Lee, Y., Kassim, A., **Ahmadzadeh, S.**, Abdollahi, Y., Jahangirian, H., Immobilization of tris (2 pyridyl) methylamine in PVC-membrane sensor and characterization of the membrane properties, *Chem Cent J*, 6 (2012) 40.
- [27] Abdollahi, Y., Abdullah, A.H., Gaya, U.I., **Ahmadzadeh, S.**, Zakaria, A., Shameli, K., Zainal, Z., Jahangirian, H., Yusof, N.A., Photocatalytic degradation of 1, 4-benzoquinone in aqueous ZnO dispersions, *Journal of the Brazilian Chemical Society*, 23 (2012) 236-240.
- [28] **Ahmadzadeh, S.**[✉], Kassim, A., Rezayi, M., Abdollahi, Y., Hossein, G., A conductometric study of complexation reaction between meso-octamethylcalix [4]

pyrrole with titanium cation in acetonitrile-ethanol binary mixtures, *Int. J. Electrochem. Sci*, 6 (2011) 4749-4759.

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Congresses & Conferences

[1] **Saeid Ahmadzadeh**[✉], Shirin Gheibzadeh, Cobalt (II) selective electrode based on benzo-15-crown-5 in PVC matrix, *The 1st Applied Chemical Science and Technology Conference: Geochemistry and Environmental Chemistry (GECCONF2018)*, Graduate University of Advanced Technology, Kerman, Iran, 9-10 May **2018**.

[2] **Saeid Ahmadzadeh**[✉], Aziz Allah Nezhad-Ali, Mohammad Amin Raeisi Estabragh, Shima Peyghambari, Carrier-based nickel (II) selective electrode using 2,2'-dithio(bis)benzothiazole as a ionophore, *The 1st Applied Chemical Science and Technology Conference: Geochemistry and Environmental Chemistry (GECCONF2018)*, Graduate University of Advanced Technology, Kerman, Iran, 9-10 May **2018**.

[3] **Saeid Ahmadzadeh**[✉], Atefeh Rahmani, Highly selective potentiometric determination of Zn (II) ions using polymeric membrane sensor, *The 1st Applied Chemical Science and Technology Conference: Geochemistry and Environmental Chemistry (GECCONF2018)*, Graduate University of Advanced Technology, Kerman, Iran, 9-10 May **2018**.

[4] **Saeid Ahmadzadeh**[✉], Sara Zahedi, Lead (II) selective polymeric membrane sensors based on p-Isopropylcalix[6]arene as chelating ionophore, *The 1st Applied Chemical Science and Technology Conference: Geochemistry and Environmental Chemistry (GECCONF2018)*, Graduate University of Advanced Technology, Kerman, Iran, 9-10 May **2018**.

[5] **Saeid Ahmadzadeh**, Shirin Gheibzadeh, Maryam Dolatabadi, Development and performance evaluation of photo Electro-Fenton process for treatment and mineralization of ibuprofen from hospital wastewater, *The 1st Applied Chemical Science and Technology Conference: Geochemistry and Environmental Chemistry (GECCONF2018)*, Graduate University of Advanced Technology, Kerman, Iran, 9-10 May **2018**.

[6] **Saeid Ahmadzadeh**, Mohammad Amin Raeisi, Maryam Dolatabadi, Investigation of electrocoagulation and adsorption coupling process for efficient removal of cefazolin from hospital wastewater: promising removal strategy, *The 1st Applied Chemical Science and Technology Conference: Geochemistry and Environmental Chemistry (GECCONF2018)*, Graduate University of Advanced Technology, Kerman, Iran, 9-10 May **2018**.

[7] Atefeh Rahmani, **Saeid Ahmadzadeh**[✉], Maryam Dolatabadi, Hamid Reza Rahimi, zahra mousavi, Preparation and evaluation of a magnetite-doped activated

carbon for enhanced cefotaxime antibiotic removal: equilibrium, thermodynamic, kinetics, mechanism and process design, *The 1st Applied Chemical Science and Technology Conference: Geochemistry and Environmental Chemistry (GECCONF2018)*, Graduate University of Advanced Technology, Kerman, Iran, 9-10 May **2018**.

[8] **Saeid Ahmadzadeh**, Sara Zahedi, Maryam Dolatabadi, Evaluation of Electro-Fenton processes for treatment of Metronidazole from pharmaceutical wastewater: modeling, simulation and experimental, *The 1st Applied Chemical Science and Technology Conference: Geochemistry and Environmental Chemistry (GECCONF2018)*, Graduate University of Advanced Technology, Kerman, Iran, 9-10 May **2018**.

[9] Atefeh Rahmani, **Saeid Ahmadzadeh**✉, Maryam Dolatabadi, 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*, 13 September **2018**.

[10] Maryam Dolatabadi, **Saeid Ahmadzadeh**✉, Atefeh Rahmani, 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*, 13 September **2018**.

[11] Atefeh Rahmani, **Saeid Ahmadzadeh**✉, Maryam Dolatabadi, 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*, 13 September **2018**.

[12] Arezou Rashidipour, **Saeid Ahmadzadeh**✉, Ebrahim Nabatian, Rapid and sensitive determination of trace amount of lorazepam in pharmaceutical samples using modified electrochemical sensor, *7th International Congress on Nanoscience and Nanotechnology (ICNN 2018)*, Research Institute of Petroleum Industry, Tehran, Iran, 26-28 September **2018**.

[13] Ebrahim Nabatian, **Saeid Ahmadzadeh**✉, Arezou Rashidipour, Voltammetric investigation of L-tyrosine using a modified nanostructured carbon paste electrode,

7th International Congress on Nanoscience and Nanotechnology (ICNN 2018), Research Institute of Petroleum Industry, Tehran, Iran, 26-28 September 2018.

[14] **Saeid Ahmadzadeh**[✉], Arezou Rashidipour, Ebrahim Nabatian, Nanostructured electrochemical sensor for quantitative determination of naproxen, *7th International Congress on Nanoscience and Nanotechnology (ICNN 2018), Research Institute of Petroleum Industry, Tehran, Iran, 26-28 September 2018.*

[15] Ebrahim Nabatian, Mahdi Mousavi, **Saeid Ahmadzadeh**[✉], Highly sensitive and efficient voltammetric determination of resorcinol in pharmaceutical and biological samples employing nanostructured carbon paste electrode, *1st international congress of pharmacy updates 2018, Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran, 7-9 February 2018.*

[16] Ebrahim Nabatian, Mahdi Mousavi, **Saeid Ahmadzadeh**[✉], Fabrication of ZnFe₂O₄/BMITFB/carbon paste electrode for quantitative determination of propranolol as a nonselective β -adrenergic receptor in pharmaceutical samples, *1st international congress of pharmacy updates 2018, Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran, 7-9 February 2018.*

[17] Fatemeh Mehrabi, Abbas Pardakhty, **Saeid Ahmadzadeh**[✉], Simultaneous voltammetric determination of ascorbic acid, hydroquinone, kojic acid, and arbutin in pharmaceutical samples; A new approach for quantitative determination of liposomal formulations loading efficiency, *1st international congress of pharmacy updates 2018, Shahid Beheshti University of Medical Sciences and Health Services, Tehran, Iran, 7-9 February 2018.*

[18] **Saeid Ahmadzadeh**, Maryam Dolatabadi, Mahshid Mobbalegh Naseri, Arezou Azizi, The role of operating parameters for the degradation of malathion from aqueous solution using UV/H₂O₂ process; Hydroxyl radical-based advanced oxidation process, *Tabari First Annual Student Congress (SRCT1), Mazandaran University of Medical Sciences, Sari, Iran, 7-9 March 2018.*

[19] Amiremad Kheirieh, **Saeid Ahmadzadeh**[✉], Maryam Dolatabadi, 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.*

[20] **Saeid Ahmadzadeh**[✉], Ebrahim Nabatian, Mohammad Mahdi Rezaei Far, Mohammadsadegh Hamzehnejadi, Nanostructured base electrochemical sensor for quantification of liposomes encapsulating levodopa for the targeting delivery against

the Parkinson's disease, *21th Iranian Pharmacy Students Seminar (IPSS21)*, Ahvaz University of Medical Sciences, Ahvaz, Iran, 6-9 March **2018**.

[21] Gholamreza Dehghan-Noudeh, Mehdi asdaghi, **Saeid Ahmadzadeh**[✉], Maryam Dolatabadi, 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**.

[22] Alireza Zeinadini, Maryam Dolatabadi, **Saeid Ahmadzadeh**[✉], 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**.

[23] Maryam Dolatabadi, **Saeid Ahmadzadeh**[✉], Alireza Zeinadini, 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**.

[24] Maryam Dolatabadi, **Saeid Ahmadzadeh**[✉], Fatemeh Mehrabi, Strategy for treating diclofenac from pharmaceutical wastewater using electrocoagulation processes: Role of complexation of Fe^{3+} with hydroxide group, *21th Iranian Pharmacy Students Seminar (IPSS21)*, Ahvaz University of Medical Sciences, Ahvaz, Iran, 6-9 March **2018**.

[25] Sara Zahedi, Ali Asadipour, Maryam Dolatabadi, **Saeid Ahmadzadeh**[✉], 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**.

[26] Fatemeh Mehrabi , Abbas Pardakhti, **Saeid Ahmadzadeh**[✉], Liposomal formulations loading efficiency quantification using an innovative electrochemical technique, *21th Iranian Pharmacy Students Seminar (IPSS21)*, Ahvaz University of Medical Sciences, Ahvaz, Iran, 6-9 March **2018**.

[27] Ebrahim Nabatian, **Saeid Ahmadzadeh**[✉], Sara Zahedi, Quantitative determination of diclofenac using voltammetric sensor, *21th Iranian Pharmacy Students Seminar (IPSS21)*, Ahvaz University of Medical Sciences, Ahvaz, Iran, 6-9 March **2018**.

[28] Amiremad Kheirieh, Ebrahim Nabatian, **Saeid Ahmadzadeh**[✉], Seied Javad Mortazavi, Carbon paste electrode incorporating NiO nanoparticles and ionic liquid for sensitive voltammetric determination of phenobarbital in biological samples, *21th Iranian Pharmacy Students Seminar (IPSS21)*, Ahvaz University of Medical Sciences, Ahvaz, Iran, 6-9 March **2018**.

[29] **Saeid Ahmadzadeh**[✉], Ebrahim Nabatian, Challenges for Quantitative Analysis of Food Samples Using Electrochemical Techniques, *The first International Congress of " Nutrition: from Laboratory Research to Clinical Studies" (NLRCS)*, Mashhad University of Medical Sciences, Mashhad, Iran, 6-8 September **2017**.

[30] **Saeid Ahmadzadeh**[✉], Ebrahim Nabatian, High Sensitive Electrochemical Strategy for Trace Analysis of 4-Aminophenol, *The first International Congress of " Nutrition: from Laboratory Research to Clinical Studies" (NLRCS)*, Mashhad University of Medical Sciences, Mashhad, Iran, 6-8 September **2017**.

[31] **Saeid Ahmadzadeh**, Abbas Pardakhti, Ebrahim Nabatian, Evaluation of salicylic acid loading efficiency into liposomal delivery system using modified nanoparticle based electrochemical sensor, *13th Asian Societies of Cosmetic Scientists Conference (ASCSC 2017)*, Kerman University of Medical Sciences, Kerman, Iran, 15-17 May **2017**.

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