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Citations (Scopus):

2020

Supervised PhD Theses

#	Thesis title	By	Date
1	Tailoring ship-in-a-bottle synthesized metal - organic nanoporous hybrid materials embedded in a mixed matrix membrane for CO ₂ capture	Hamidreza Sanaeepur & Bahram Nasernejad	June 2015

Supervised MSc Theses

#	Thesis title	By	Date
1	Removal DNT by modified magnetic iron nanoparticles	Arezo Abbaspoor & Bahram Nasernejad	June 2021
2	Investigation of Factors Affecting the Rate of Deposition of Mineral Wastewater by Chemical Coagulation	Behnam Fayyaz Shahandashty & Bahram Nasernejad	February 2020
3	Mechanisms affecting the interaction of Li ⁺ with the cathode electrode in Lithium-ion batteries: A quantum mechanical and molecular simulation study.	Amirmasoud Lanjan & Bahram Nasernejad	February 2020
4	Removal of the oily pollutants from groundwater by permeable reactive barriers	Amirhossein Hosseinalizadeh Khorasani & Bahram Nasernejad	February 2020
5	A study on polymer electrolyte properties to promote the efficiency of lithium-ion batteries by using molecular dynamics simulation	Zeynab Samadi & Bahram Nasernejad	February 2020

6	Research about surface coating to eliminate NOX	Marziye Modares & Bahram Nasernejad	February 2020
7	CFD simulation of hydrodynamic flow in oil/water separator containing packing media	Masih Palizian & Bahram Nasernejad	July 2019
8	A study on TDS removal from spent caustic wastewater in olefin unit	Elnaz Omidyan & Bahram Nasernejad	March 2019
9	Application of hybrid process of electrochemical-biological with use of electrocoagulation system and sequencing batch reactor for treatment of leather tanning wastewater	Naghmeh Ashena & Bahram Nasernejad	February 2019
10	Cadmium removal from synthetic oilfield produced water by electrocoagulation	Zahra Kian & Bahram Nasernejad	January 2019
11	Removal of nitrate in under groundwater by hybrid processes of electrocoagulation process and the use of zeolite as an adsorbent	Nona Mirzamohammadi & Bahram Nasernejad	September 2018
12	optimization of culture medium for Hansenula polymorpha producing endoglucanase II	Seyedmahdi Ranaei Siadat & Bahram Nasernejad	July 2018
13	Modelign for bio sorption of heavy metals from wastewater	Nazanin Parkam & Bahram Nasernejad	June 2018
14	nano particles for drug delivery applications	Ziba Fardmanesh & Bahram Nasernejad	April 2018
15	The application of nanogel in drug delivery with multifunction	Maedeh Zahiri Bashman & Bahram Nasernejad	April 2018
16	Experimental investigation on the effect of surface material on pool boiling heat transfer in binary solution of water and Glycol and analysis the data by genetic algorithm	Pedram Kouhzadi & Bahram Nasernejad	February 2018
17	Removal of styrene from petrochemical wastewater by electrochemical method	Shima Hashemi & Bahram Nasernejad	February 2018
18	Degradation of hazard chemical compounds in water by non-thermal plasma treatment	Milad Nayebi & Bahram Nasernejad	February 2018
19	Removal Orthotolidine by Electrochemical method	Hoda Ghassab & Bahram Nasernejad	October 2017
20	Photocatalytic performance study of a small pilot scale annular slurry reactor for hydrocarbon pollutants removal from wastewater	Saba Derikvand & Bahram Nasernejad	October 2017
21	Biological treatment of synthetic produced water by Rhodococcus erythropolis	Seyed Mohammad Amin Ojagh & Bahram Nasernejad	October 2017
22	treatment of olive oil mill wastewater by electrochemical processes	Kebria Talebi Darestani & Bahram Nasernejad	March 2017
23	Application of MOF photocatalyst for organic pollutant removal from waste water	Morteza Elahian & Bahram Nasernejad	February 2017
24	Photocatalytic nitrate removal from drinking water using metal organic framework	Mahnaz Amoozan & Bahram Nasernejad	February 2017
25	The use of nano- structured Hydrogels in drug delivery and gene therapy	Fatemeh Ramezannasab Shomia & Bahram Nasernejad	September 2016
26	-	Amir Masoud Bahreini & Bahram Nasernejad	March 2016

27	Biodegradation of Styrene Butadiene rubber unit of Bandar Imam real wastewater using <i>Rhodococcus erythropolis</i>	Sadaf Soleimani Savadkouhi & Bahram Nasernejad	February 2016
28	Production of activated carbon from olive kernels by chemical activation method	Sepide Habibi & Bahram Nasernejad	February 2016
29	Biological treatment of Bandare Emam Petrochemical BDR, s unit wastewater using membrane bioreactor	Tayyeb Zeirani Nav & Bahram Nasernejad	February 2016
30	using of nanoporous metal organic frameworks as adsorbents for removing copper and comparing with some natural adsorbents	Leila Safikhani & Bahram Nasernejad	October 2015
31	Enzymatic synthesis of the fatty acid esters using fungal lipase	Shabnam Shahhoseyni & Bahram Nasernejad	October 2015
32	synthesis and characterization of nanoporous metal organic frameworks and compare with different MOFs	Reza Nayerabadi & Bahram Nasernejad	October 2015
33	Separation of Aromatic from DFG	Vajihehsadat Cheraghchi & Bahram Nasernejad	June 2015
34	DSO Separation method in SPGC and applications investigation and DSO desulfurization methods and simulation	Reza Karimi & Bahram Nasernejad	May 2015
35	MOF studied in various industries	Nazanin Atashrooz & Bahram Nasernejad	April 2015
36	Application of Nanotherapy for the improvement of Drug Physicochemical Properties	Fereshte Jahangir & Bahram Nasernejad	February 2015
37	an investigation on the factors affecting the stability of colloidal particles by molecular simulation methods	Shamim Yousefi & Bahram Nasernejad	February 2015
38	Directional drilling and drilling mud	Mohammad Hasan Sharifat & Bahram Nasernejad	September 2014
39	Conservation for reduction of BOD & COD by complex method of photocatalysis and absorption	Pouria Mansoori & Bahram Nasernejad	September 2014
40	Simulation and modeling of unit Dehumidifier (4th gas refinery of S.P.G.C	Payam Ataeeidil & Bahram Nasernejad	May 2014
41	Nunes technology in the chemical industry	Hamed Nazemi Ashani & Bahram Nasernejad	May 2014
42	Modeling of organic pollutant removal from industrial wastewater by photocatalytic process	Fahimeh Forouzesfar & Bahram Nasernejad	February 2014
43	Polyurethane based membrane synthesis for recovery of volatile organic compounds from aqueous solution by pervaporation process	Ali Asghar Gholipour & Bahram Nasernejad	February 2014
44	Heavy metals removal from electroplating waste waters using sulfate reducing bacteria	Tahereh Najib & Bahram Nasernejad	February 2014
45	Technical and economical method of separating aromatics production DPG	Seyed Ansar Mosavinejad & Bahram Nasernejad	November 2013
46	removal contaminate Iso Amyl Acetate from the air with Biofiltration method	Maryam Ghafori & Bahram Nasernejad	October 2013
47	Determination the optimum operating conditions for the use from <i>Rhodococcus</i> aerobic micro organisms to remove volatile organic contaminants from petrochemicals waste water	Mostafa Arab Jafari & Bahram Nasernejad	October 2013

48	waste water treatment of karoon petrochemical by photocatalysts reaction by TiO catalyst	Zahra Alipour Tesieh & Bahram Nasernejad	October 2013
49	Lipid extraction from chlorella micro-algae using various solvents and process optimization in Biodiesel production	Mehrab Valizadehderakhshan & Bahram Nasernejad	September 2013
50	removal of iron and manganese from groundwater using permeable reactive barrier PRB	Narges Sfandiar & Bahram Nasernejad	June 2013
51	Production of polyethylene terephthalate in the technologies offered by the two companies, Zimmer (Zimmer) and New Valsyna (Noyvallesina)	Saeed Shahabi & Bahram Nasernejad	May 2013
52	L.P.G Separation from fuel gas produced in Transalkylation and Disproportionation unit	Hassan Esfandiari & Bahram Nasernejad	May 2013
53	Investigation of nano coatings and their kinds	Seyed Mohsen Asadolahinejadalhoseini & Bahram Nasernejad	May 2013
54	investigation of arsenic removal efficiency from groundwater using permeable reactive barrier PRB	Hamid Tajernia & Bahram Nasernejad	March 2013
55	Molecularsieve zeolite absorbing reviews in natural gas dehydration and choose the best type of that in dehydration unit of parsian gas refinery company	Hadi Amidzadeh & Bahram Nasernejad	February 2013
56	The use of combine anaerobic-aerobin processes for biological treatment of wastewaters containing industrial azo dyes	Narges Manavi & Bahram Nasernejad	February 2013
57	Experimental study and prediction of biomolecules partitioning in polymer-salt aqueous two-phase systems	Babak Madadi & Bahram Nasernejad	February 2013
58	The study and optimization of process parameters in biological treatment of oily wastewater using membrane sequencing batch reactors	Mahtab Hassan Pour Fard & Bahram Nasernejad	July 2012
59	Extraction of oxidase from iranian tea leaves and optimization of parameter	Saleh Koochi Esfahani & Bahram Nasernejad	December 2011
60	Design and optimization of mixing systems for microalgal cultivation in open raceway ponds for production of biodiesel	Sara Saleh Jalali Astaneh & Bahram Nasernejad	November 2011
61	Caffeine Extraction from Tea Leaves	Tahereh Mojtahed & Bahram Nasernejad	October 2011
62	Design and Synthesis of Nanoscale drug Delibery Vehicles of ENriched Stable 10-Boron Isotopes for Smart Boron Neutron Capture Therapy of Cancer in Nuclear Nano-Biomedical	Hanif Kazerooni & Bahram Nasernejad	October 2011
63	Removal of organic component from industrial wastewater by advanced oxidation process using TiO2 nano- particles	Mohammad Madani & Bahram Nasernejad	October 2011
64	thermodynamic study of adsorption in membrane biofouling by triple model (protein, polysaccharide and humic acid	Seyedeh Marzieh Ghasemi Demneh & Bahram Nasernejad	January 2011
65	Fungal removal of petroleum hydrocarbons from contaminated soil washwater	Masomeh Khoddam & Bahram Nasernejad	October 2010
66	Removal of Day from Textile Effluent by Biosorbent	Shiva Abdolrahimi & Bahram Nasernejad	September 2010
67	biodegradation of azo dyes in sequencing batch reactor	Mahsa Mehrdad & Bahram Nasernejad	July 2010

68	usage of biothermodynamic in prediction of bioprocess	Emad Akhavane Abdolahiyani & Bahram Nasernejad	July 2010
69	investigating the possibility of developing a comprehensive mathematical model for the biofiltration process	Mahboobeh Jaryaei & Bahram Nasernejad	July 2010
70	study of the kinetics of the biodegradation of styrene in synthetic petrochemical wastewaters by activated sludge	Roghayyeh Babaie Koli & Bahram Nasernejad	January 2010
71	Removal of VOCs from Air Stream by Applying a Fungal Biofilter	Seyedmohammad Sadraee & Bahram Nasernejad	July 2009
72	Biosorption of Heavy Metal from Milk	Shamim Tayar & Bahram Nasernejad	January 2009
73	Xanthan production by Xanthomonas Campestris Grown on Waste Date Extract in laboratory bioreactor	Ghazaleh Baghi Nejadfarhadi & Bahram Nasernejad	November 2008
74	Synthesis of nano bio emulsifier	Zahra Barzegar Kasgari & Bahram Nasernejad	November 2008
75	Studying Silver- Nanocomposite preparation Using Ultrasound Waves Power	Sima Askari & Bahram Nasernejad	September 2008
76	Using Rational Unified Process (RUP) in Emergency Response System in a Petrochemical Plant	Mehdi Rostami & Bahram Nasernejad	September 2008
77	BIODEGRADATION OF METHYL TERT-BUTYL ETHER (MTBE) IN WASTEWATER	Mehdi Abdoli & Bahram Nasernejad	May 2008
78	BIOLEACHING OF ZINC FROM SPHALRITE USING MESOPHILIC BACTERIA	Mehdi Amouei Torkmahalleh & Bahram Nasernejad	March 2008
79	Modelling and Simulation of Biofilter Treating Aromatics as Contaminant	Farzad Jani & Bahram Nasernejad	October 2007
80	OPTIMIZATION OF EMULSANT PRODUCTION	Somayeh Eskandari & Bahram Nasernejad	October 2007
81	REMOVAL OF AROMATIC VOLATILE COMPOUNDS FROM AIR BY USING BIOFILTRATION	Seyyed Morteza Zamir & Bahram Nasernejad	September 2007

Journal Papers

Portal Records

- 1 Fateme Oveisi, Narges Fallah, Bahram Nasernejad, "Biodegradation of synthetic wastewater containing styrene in microbial fuel cell: Effect of adaptation of microbial community", FUEL, December 2021 Vol. 305, Num. 1, Page 121382-121392, December 2021,
- 2 Mahdieh Mehri, Narges Fallah, Bahram Nasernejad, "Influence of salinity on heavy metal and oil removal from hypersaline oilfield produced water by electrocoagulation: mechanistic insights", ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, November 2021 Vol. -, Num. 0, Page 1-14, November 2021,
- 3 Mahdieh Mehri, Narges Fallah, Bahram Nasernejad, "Mechanisms of heavy metal and oil removal from synthetic saline oilfield produced water by electrocoagulation", npj Clean Water, September 2021 Vol. 4, Num. 45, Page 1-14, September 2021,

- 4 Mahsa Taheri, Narges Fallah, Bahram Nasernejad, "Assessment of nanoclay-sludge ratios in sequencing batch membrane bioreactors: Azo dye removal and fouling alleviation", *Journal of Water Process Engineering*, June 2021 Vol. 41, Num. 0, Page 101969-101985, June 2021,
- 5 Mitra Bayat, Bahram Nasernejad, Cavus Falamaki, "Preparation and characterization of nano-galvanic bimetallic Fe/Sn nanoparticles deposited on talc and its enhanced performance in Cr(VI) removal", *Scientific Reports*, April 2021 Vol. 11, Num. 1, Page 7715-7732, April 2021,
- 6 Aref Shokri, Hojatollah Moradi, Majid Abdouss, Bahram Nasernejad, "Employing UV/periodate process for degradation of p-chloronitrobenzene in aqueous environment", *DESALINATION AND WATER TREATMENT*, November 2020 Vol. 205, Num. 205, Page 264-274, November 2020,
- 7 Hosna Ghanbarlou, Bahram Nasernejad, Mahdi Nikbakht Fini, Morten E. Simonsen, Jens Muff, "synthesis of an iron-graphene based particle electrode for pesticide removal in three-dimensional heterogeneous electro-Fenton water treatment system", *CHEMICAL ENGINEERING JOURNAL*, September 2020 Vol. 395, Num. 125025, Page 1-15, September 2020,
- 8 Seyed Mohammad Amin Ojagh, Narges Fallah, Bahram Nasernejad, "Biological treatment of organic compounds in produced water with use of halotolerant bacteria", *Journal of Environmental Chemical Engineering*, September 2020 Vol. 8, Num. 6, Page 104412-104420, September 2020,
- 9 Elham Najafi Savadroudbari, Narges Fallah, Leyla Davarpanah, Bahram Nasernejad, "A comparison between anaerobic and aerobic biological treatment for real wastewater containing high concentration of di methyl amine: case study of wastewater from artificial leather production", *DESALINATION AND WATER TREATMENT*, April 2020 Vol. 220, Num. 1, Page 93-100, April 2020,
- 10 Zeinab Jabbari, Bahram Nasernejad, Narges Fallah, Mehran Javanbakht, Neda Afsham, "Fabrication of novel binderless anode via electrophoretic deposition for HT-PEMFC", *SURFACE ENGINEERING*, May 2019 Vol. 35, Num. 12, Page 1-9, May 2019,
- 11 Arezou Niksiar, Bahram Nasernejad, "Modeling of gasification reaction to produce activated carbon from pistachio shells in a spouted bed", *BIOMASS & BIOENERGY*, September 2018 Vol. 119, Num. 1, Page 97-108, September 2018,
- 12 Tayyeb Zeirani Nav, Narges Fallah, Bahram Nasernejad, "Biological Treatment of Real Petrochemical Wastewater Containing Styrene Using Submerged Membrane Bioreactor: Effects of HRT", *INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY*, May 2018 Vol. 0, Num. 0, Page 1-8, May 2018,
- 13 Zeinab Jabbari, Bahram Nasernejad, Neda Afsham, Narges Fallah, Mehran Javanbakht, "Kinetic study of CO desorption from cathodic electrochemically treated carbon paper supported Pt electrodes", *Iranian Journal of Hydrogen & Fuel Cell*, December 2017 Vol. 4, Num. 3, Page 201-207, December 2017,
- 14 Milad Mohammareh Nezhad Rabieh, Bahram Nasernejad, Mitra Dadvar, Hamid Modarress, "calculation of multicomponent vapor-liquid critical point using the dividing rectangles global optimization algorithm", *PETROLEUM SCIENCE AND TECHNOLOGY*, August 2017 Vol. 35, Num. 35, Page 910-921, August 2017,
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- 16 Tahereh Najib, Mostafa Solgi, Abbas Farazmand, Seyed Mohammad Heydarian, Bahram Nasernejad, "Optimization of sulfate removal by sulfate reducing bacteria using response surface methodology and heavy metal removal in a sulfidogenic UASB reactor", *Journal of Environmental Chemical Engineering*, June 2017 Vol. 5, Num. 0, Page 3256-3265, June 2017,
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- 18 Sepideh Oladzad, Narges Fallah, Bahram Nasernejad, "Combination of Novel Coalescing Oil/Water Separator and Electrocoagulation Technique for Treatment of Petroleum Compound Contaminated Groundwater", *WATER SCIENCE AND TECHNOLOGY*, January 2017 Vol. 76, Num. 1, Page 57-67, January 2017,
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- 22 Shabnam Shahhoseyni, Bahram Nasernejad, Farzaneh Vahabzadeh, "Effect of external mass transfer on activation energy of butyl oleate ester synthesis using a whole cell biocatalyst", Journal of Chemical and Petroleum Engineering, June 2016 Vol. 50, Num. 1, Page 9-13, June 2016,
- 23 Sanaz Tajik, Bahram Nasernejad, Alimorad Rashidi, "preparation of silica-graphene nanohybrid as a stabilizer of emulsions", JOURNAL OF MOLECULAR LIQUIDS, June 2016 Vol. 222, Num. 0, Page 788-795, June 2016,
- 24 Hadi Moshiri Aydenlou, Habib Aleebrahim, Bahram Nasernejad, "Various Methods to Prepare High Efficiency CaO Sorbents for Improved SO₂ Capture Capacity", INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, May 2016 Vol. 36, Num. 5, Page 231-240, May 2016,
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- 26 Hamidreza Sanaeepur, Ali Kargari, Bahram Nasernejad, Abtin Ebadi Amooghin, Mohammadreza Omidkhah, "A novel Co²⁺ exchanged zeolite Y/cellulose acetate mixed matrix membrane for CO₂/N₂ separation", JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, March 2016 Vol. 60, Num. 1, Page 403-413, March 2016,
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- 28 Farzaneh Feizi, Bahram Nasernejad, Seyed Morteza Zamir, "Effect of operating temperature on transient behavior of a biofilter treating waste-air containing n-butanol vapour during intermittent loading", ENVIRONMENTAL TECHNOLOGY, January 2016 Vol. 37, Num. 10, Page 1179-1187, January 2016,
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- 31 Hanif Kazerooni, Bahram Nasernejad, "A novel electrochemical DNA-sensing nanoplatfrom based on supramolecular ionic liquids grafted on nitrogen-doped graphene aerogels", JOURNAL OF APPLIED ELECTROCHEMISTRY, September 2015 Vol. 45, Num. 12, Page 1289-1298, September 2015,
- 32 Seyyed Mehdi Nouri, Habib Aleebrahim, Bahram Nasernejad, "Preparation of a Nano CaO Sorbent for Improvement the Capacity for CO₂ Capture Reaction", SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, June 2015 Vol. 45, Num. 6, Page 828-833, June 2015,
- 33 Hamidreza Sanaeepur, Bahram Nasernejad, Ali Kargari, "Cellulose acetate/nano-porous zeolite mixed matrix membrane for CO₂ separation", Greenhouse Gases: Science and Technology, June 2015 Vol. 5, Num. 3, Page 291-304, June 2015,
- 34 Narges Fallah, Mehdi Hasanzadeh, Bahram Nasernejad, Rouein Halladj, "Biosorption of styrene from synthetic wastewater by sugarcane waste (bagasse)", Advances in Environmental Science and Technology, May 2015 Vol. 1, Num. 0, Page 31-40, May 2015,
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- 37 Shiva Abdolrahimi, Bahram Nasernejad, Gholamreza Pazouki, "Influence of process variables on extraction of Cefalexin in a novel biocompatible ionic liquid based-aqueous two phase system", PHYSICAL CHEMISTRY CHEMICAL PHYSICS, January 2015 Vol. 17, Num. 1, Page 655-669, January 2015,
- 38 Hossein Delavari Amrei, Reza Rahbar Davijani, Saeed Rastegar, Bahram Nasernejad, Atefeh Nejadebrahim, "using fluorescent material for enhancing microalgae growth rate in photobioreactors", JOURNAL OF APPLIED PHYCOLOGY, January 2015 Vol. 27, Num. 1, Page 67-74, January 2015,
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Conference Papers

Portal Records

- 1 Tayebe Raesi , Bahram Nasernejad, Narges Fallah, "Lead removal from synthetic high salinity produced water by electrocoagulation method ", 16th Iranian National Congress of Chemical Engineering, January 2019
- 2 Zahra Kian, Narges Fallah, Bahram Nasernejad, "cadmium removal from synthetic high salinity produced water by electrocoagulation method ", 16th Iranian National Congress of Chemical Engineering, January 2019
- 3 Farnoosh Keyvani Hafshejani, Bahram Nasernejad, Narges Fallah, "COD removal from real high salinity textile wastewater by electrocoagulation and electrooxidation method ", 16th Iranian National Congress of Chemical Engineering, January 2019
- 4 Arman Haddadi, Sasan Zarei, Narges Fallah, Bahram Nasernejad, "Electrodegeneration of oil wastewater treatment: kinetic modeling and optimization ", 16th Iranian National Congress of Chemical Engineering, January 2019
- 5 Atousa Ghaffarian Khorram, Bahram Nasernejad, Narges Fallah, "Effect of electrolyte and electrodes type in treatment of industrial wastewater containing Aromatic materials by electrooxidation method ", 16th Iranian National Congress of Chemical Engineering, January 2019
- 6 Shima Hashemi, Bahram Nasernejad, Narges Fallah, "Optimization of effective parameters in electrocoagulation treatment of styrene from aqueous solution ", The 10th International Chemical Engineering Congress & Exhibition (IChEC 2018), May 2018
- 7 Seyed Mohammad Amin Ojagh, Narges Fallah, Bahram Nasernejad, "Biotreatment of Produced Water by Rhodococcus erythropolis PTCC 1767:Adaptation period ", The 10th International Chemical Engineering Congress & Exhibition (IChEC 2018), May 2018
- 8 Leila Safikhani, Reza Nayerabadi, Bahram Nasernejad, Taghi Ebadi, "Using Metal -Organic Framework Mg-Mof-74 for Cu(II)Ions Removing from Aqueous Solutions ", 3rd International Conference New Approaches in Science, Engineering and Technology Dubai, December 2015
- 9 Reza Nayerabadi, Leila Safikhani, Bahram Nasernejad, "Sonochemical Synthesis and Characterization of Ni₂-MIL-125 ", 3rd Abu Dhabi Conference, December 2015
- 10 Sepideh Oladzad, Narges Fallah, Bahram Nasernejad, "Treatment of polluted groundwater by Electrocoagulation: Optimization of SVI using Response Surface Methodology ", The 9th International Chemical Engineering Congress & Exhibition (IChEC 2015), December 2015
- 11 Sadaf Soleimani Savadkouhi, Narges Fallah, Bahram Nasernejad, "Styrene removal from real wastewater by Rhodococcus erythropolis PTCC1767 ", The 9th International Chemical Engineering Congress & Exhibition (IChEC 2015), December 2015
- 12 Tayyeb Zeirani Nav, Narges Fallah, Bahram Nasernejad, "Biological treatment of real petrochemical wastewater containing styrene using submerged MBR ", The 9th International Chemical Engineering Congress & Exhibition (IChEC 2015), December 2015
- 13 Reza Nayerabadi, Leila Safikhani, Bahram Nasernejad, "The Effect of Ultrasound Waves on Amino Functionalized Titanium Metal-Organic Framework Synthesis ", 2nd International Conference on New Approaches in Sciences, Engineering & Technology, November 2015




- 14 Neda Afsham, Zeinab Jabbari, Narges Fallah, Bahram Nasernejad, "The effect of temperature on the catalytic oxidation of methanol on Pt and Pt-MnO_x electrodes for DMFC ", 11 th Annual Electrochemistry Seminar of Iran, November 2015
- 15 Leila Safikhani, Reza Nayerabadi, Bahram Nasernejad, "Optimization of Copper Removal from Aqueous Solution by MG-MOF-74 ", 2nd International Conference on New Approches in Sciences, Engineering & Technology, November 2015
- 16 Neda Afsham, Zeinab Jabbari, Bahram Nasernejad, Narges Fallah, "Platinum–manganese oxide as catalysts for DMFC and the importance of order of electrodeposition ", 11th Annual Electrochemistry Seminar of Iran, November 2015
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Taught Courses

#	Course title	Description	Headlines	Date
1	Advanced Fluid Mechanics	Study of Advance Fluid Mechanics in Chemical Engineering		Spring 2022
2	Transport Phenomena	Study of transport Phenomena in Chemical Engineering		Spring 2022
3	Advanced Fluid Mechanics	Study of Advance Fluid Mechanics in Chemical Engineering		Fall 2021

4 Advanced Fluid Mechanics

Study of Advance Fluid Mechanics in Chemical Engineering



Spring 2021

5 Transport Phenomena in Nanotechnology

Study of transport Phenomena in Chemical Engineering



Spring 2021

6 Transport Phenomena

Study of transport Phenomena in Chemical Engineering



Fall 2020