Sahand University of Technology

Amanollah Ebadi

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Education

Degree	Graduated in	Major	University
BSc	1988	Chemical Engineering	Isfahan University of Technology
MSc	1994	Chemical Engineering	Tehran University
Doctoral	2008	Chemical Engineering	Sahand University of Technology

Papers in Conferences

1. M. Forouzesh ,& A. Ebadi ,Degradation of Metronidazole Antibiotic from Aqueous Medium in the Continuous Up-Flow Fixed-Bed Reactor: Activated Carbon as Persulfate Activator ,The 10th International Chemical Engineering Congress & Exhibition (IChEC 2018) Isfahan, Iran ,Isfahan ,May 6-10, 2018.
2. Elmira Yaghinirad , Reza Alizadeh , Amanollah Ebadi ,A Review on Removal of Linezolid Antibiotic in Aqueous Medium ,The 5th National Conference on Environmental Engineering and Management (5EEM) ,May 31, 2023.
3. Aghaeinejad ,& Meybodi, A. Ebadi*, S. Shafiei, A.R. Khataee ,Treatment of Pharmaceutical Wastewater Containing Fluoxetine by Ozone/H2O2 Process: Modeling of Experimental Results by Artificial Neural Networks ,The 8th International Chemical Engineering Congress & Exhibition (IChEC 2014) ,Kish Island, Iran ,Feb. 24-27, 2014.
4. Sakineh Molaee, Javad R. Shahrouzi*, Amnollah Ebadi ,Adsorption of amoxicillin onto activated carbon ,The 9th International Chemical Engineering Congress & Exhibition (IChEC 2015) ,Shiraz, Iran ,December 26-28, 2015.

Papers in Journals

1. Linda Pour salim , Davood Kahforoushan , Amanollah Ebadi،Investigation of Contamination in Irrigation Network of Agricultural Lands North of Khuzestan Plain،Journal of Water and Wastewater Science and Engineering (JWWSE)،شماره صفحات Vol. ۵, No. ۱, PP. ۱۴-۲۲, Spring ۲۰۲۰, DOI: ۱۰.۲۲۱۱۲/jwwse.۲۰۲۰.۱۵۲۴۵۰.۱۱۱۵،۲۰۲۰.
2. Comparative investigation on catalytic ozonation of Fluoxetine antidepressant drug in the presence of boehmite and □-alumina nanocatalysts: operational parameters, kinetics and degradation

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3. Mojtaba Forouzesh , Amanollah Ebadi , Fahime Abedini,Thermocatalytic persulfate activation for metronidazole removal in the continuous operation,Separation and Purification Technology,pp. 258, 118055, 2021,2021.
4. Mojtaba Forouzesh , Amanollah Ebadi , Abbas Aghaeinejad , Meybodi,Continuous fixed-bed oxidation of metronidazole by the sulfate radical based process over nitric acid treated granular activated carbon; Journal of Water Process Engineering,Journal of Water Process Engineering,pp. 36, 101280, 2020,2020.
5. Efficient photocatalytic degradation of furosemide by a novel sonoprecipited ZnO over ion exchanged clinoptilolite nanorods; Separation and Purification Technology,Separation and Purification Technology,pp. 242, 116800, 2020,2020.
6. Zahra Heidari et al.,Degradation of furosemide using photocatalytic ozonation in the presence of ZnO/ICLT nanocomposite particles: Experimental, modeling, optimization and mechanism evaluation; Journal of Molecular Liquids,Journal of Molecular Liquids,pp. 319, 114-193, 2020,2020.
7. Investigation of effective parameters on adsorption of amoxicillin from aqueous medium onto activated carbon; Advances in Environmental Technology,Advances in Environmental Technology,pp. 2, 107-114, 2019,2019.
8. Transformation of persulfate to free sulfate radical over granular activated carbon: Effect of acidic oxygen functional groups,Chemical Engineering Journal,pp. Vol. 374, 965–974, 2019,2019.
9. M. Forouzesh , A. Ebadi , Abbas Aghaeinejad , Meybodi,Degradation of metronidazole antibiotic in aqueous medium using activated carbon as a persulfate activator; Separation and Purification Technology,Separation and Purification Technology,pp. Vol 210, 145–151, 2019,2019.
10. Degradation of Fluoxetine using catalytic ozonation in aqueous media in the presence of nano-□-alumina catalyst: Experimental, modeling and optimization study,Separation and Purification Technology,pp. Vol. 211, 551–563, 2019,2019.
11. M. Abdoli , S. Shafiei , A. Ebadi,Reduction in Microfiltration Membranes: A Pore Network Study,Chemical Engineering and Technology,pp. Vol 41, No. 8, 1566–1576, 2018,2018.
12. M. Abdoli , S. Shafiei , A. Ebadi,Insight into Heterogeneity Effects in Methane Hydrate Dissociation via Pore-Scale Modeling,Transport in Porous Media,pp. Vol 124: 183–201, 2018,2018.
13. Afshin Dehghani Kiadehi , Amanollah Ebadi , Abbas Aghaeinejad , Meybodi,Removal of methyl tert-butyl ether (MTBE) from aqueous medium in the presence of nano-perfluorooctyl alumina (PFOAL): Experimental study of adsorption and catalytic ozonation processes,Separation and Purification Technology,pp. Vol 182 (2017) 238-246, 2017,2017.
14. Afshin Dehghani, Amanollah Ebadi*, Sirous Shafiei, Abbas Aghaeinejad ,& Meybodi,Synthesis, characterization, and application of nano-perfluorooctyl alumina for adsorption of methyl tertiary-butyl ether (MTBE) from aqueous medium,Desalination and Water Treatment,pp. doi: 10.1080/19443994.2015.1046942, 2015,2015.
15. Somaiyeh Allahyari, Mohammad Haghighi*, Amanollah Ebadi,Direct synthesis of DME over nanostructured CuO–ZnO–Al 2 O 3/HZSM-5 catalyst washcoated on high pressure microreactor: Effect of catalyst loading and process condition on reactor performance,Chemical Engineering Journal,pp. Vol. 262, 1175-1186, 2015,2015.
16. Abbas Aghaeinejad et al.,Degradation of antidepressant drug Fluoxetine in aqueous media by ozone/H2O2 system: Process optimization using central composite design,Environmental Technology,pp. Vol. 36, No. 12, 1477–1488, 2015,2015.
17. Abbas Aghaeinejad et al.,Modeling and optimization of antidepressant drug Fluoxetine removal in aqueous media by ozone/H2O2 process: Comparison of central composite design and artificial neural network approaches,Journal of the Taiwan Institute of Chemical Engineers,pp. DOI: 10.1016/j.jtice.2014.10.02, 2014,2014.
18. Somaiyeh Allahyari , Mohammad Haghighi , Amanollah Ebadi , Shahin Hosseinzadeh,Effect of irradiation power and time on ultrasound assisted co-precipitation of nanostructured CuO–ZnO–Al2O3

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19. Amir Mirzaei, Amanollah Ebadi*, Peyman Khajavi,Kinetic and equilibrium modeling of single and binary adsorption of methyl tert-butyl ether (MTBE) and tert-butyl alcohol (TBA) onto nano-perfluorooctyl alumina,Chemical Engineering Journal,pp. Vol. 231,550–560, 2013,2013.
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22. A. Ebadi, J.S. Soltan Mohammadzadeh, S. Shafiei,Kinetics of Catalytic Ozonation of Methyl tert-Butyl Ether in the Presence of Perfluorooctyl Alumina,Chemical Engineering and Technology,pp. 32(5), 778-788, 2009,2009.
23. A. Ebadi, J.S. Soltan Mohammadzadeh, A. Khudiev,What is the correct form of BET isotherm for modeling liquid phase adsorption?,Adsorption,pp. 15(1), 65-73, 2009,2009.
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