

Mehdi Parvini

Associate Professor

College: Chemical & Petroleum Engineering

Papers in Journals

1. Seyyed Javad Mousavi, Mehdi Parvini, Mohsen Ghorban,Experimental design data for the zinc ions adsorption based on mesoporous modified chitosan using central composite design method,Carbohydrate Polymers, Volume 188, 15 May 2018, Pages 197-212,2018.
2. Seyyed Javad Mousavi, Mehdi Parvini, Mohsen Ghorbani,Adsorption of heavy metals (Cu2+ and Zn2+) on novel bifunctional ordered mesoporous silica: Optimization by response surface methodology,Journal of the Taiwan Institute of Chemical Engineers, Volume 84, March 2018, Pages 123-141,2018.
3. A Moradi, E Najafi Kani, M Parvini,Risk assessment of municipal natural gas pipeline networks using Analytic Hierarchy Process (AHP) for Sanandaj city,,Iran Occupational Health 14 (4), 1-12,2017.
4. Hossein Esfandian, Abdolraouf Samadi ,& Maybodi, Behnam Khoshandam, Mehdi Parvini,Experimental and CFD modeling of diazinon pesticide removal using fixed bed column with Cu-modified zeolite nanoparticle,Journal of the Taiwan Institute of Chemical Engineers, Volume 75, June 2017, Pages 164-173,2017.
5. Javad Mousavi, Mehdi Parvini,A sensitivity analysis of parameters affecting the hydrogen release and dispersion using ANOVA method,International Journal of Hydrogen Energy, Volume 41, Issue 9, 9 March 2016, Pages 5188-5201,2016.
6. Javad Mousavi, Mehdi Parvini,Analyzing effective factors on leakage-induced hydrogen fires,Journal of Loss Prevention in the Process Industries, Volume 40, March 2016, Pages 29-42,2016.
7. Hossein Esfandian, Abdolraouf Samadi ,& Maybodi, Mehdi Parvini, Behnam Khoshandam.,Development of a novel method for the removal of diazinon pesticide from aqueous solution and modeling by artificial neural networks (ANN),Journal of Industrial and Engineering Chemistry, Volume 35, 25 March 2016, Pages 295-308,2016.
8. , M Golestanbagh, M Parvini, A Pendashteh,Preparation, Characterization and Photocatalytic Properties of Visible-Light-Driven CuO/SnO2/TiO2 Photocatalyst,Catalysis Letters 148 (7), 2162-2178,2016.
9. M Parvini, E Gharagouzlou,Gas leakage consequence modeling for buried gas pipelines,Journal of Loss Prevention in the Process Industries 37, 110-118,2015.
10. Hamidreza Haghnazarloo, Mehdi Parvini, Mohammad Nader Lotfollahi.,Consequence modeling of a real rupture of toluene storage tank,Journal of Loss Prevention in the Process Industries, Volume 37, September 2015, Pages 11-18,2015.
11. ,M Ghadiri, M Parvini, MG Darehnaei,Simulation of zinc extraction from aqueous solutions using polymeric hollow-fibers,Polymer Engineering & Science 54 (10), 2222-2227,,2015.
12. M. Parvini, A. kordrostami,Consequence modeling of explosion at Azad-Shahr CNG refueling

station,, Journal of Loss Prevention in the Process Industries 30 (2014) 47-54,2014.
13. S. Salahi, M. Parvini and M. Ghorbani,Equilibrium Studies in Adsorption of Hg(II) Using Polycyclic Aromatic Polypyrrole Nanocomposite,Polycyclic Aromatic Compounds,2014.
14. Esfandian H., H. Javadian, Parvini M., B. Khoshandam1, R. Katal,Batch and column removal of copper by modified brown algae sargassum bevanom from aqueous solution,Asia-Pacific Journal of Chemical Engineering, (2013) . DOI: 10.1002/apj.1707,2013.