

ابوذر خواجه

استادیار

دانشکده: دانشکده مهندسی معدن، عمران، شیمی

گروه: گروه مهندسی شیمی



سوابق تحصیلی

مقطع تحصیلی	سال اخذ مدرک	رشته و گرایش تحصیلی	دانشگاه
کارشناسی	۱۳۸۳	مهندسی شیمی	دانشگاه سیستان و بلوچستان
کارشناسی ارشد	۱۳۸۶	مهندسی شیمی	دانشگاه امیرکبیر (پلی تکنیک تهران)
دکتری	۱۳۹۳	مهندسی شیمی	دانشگاه امیرکبیر (پلی تکنیک تهران)

اطلاعات استخدامی

محل خدمت	عنوان سمت	نوع استخدام	نوع همکاری	پایه
دانشگاه صنعتی بیرجند		پیمانی	تمام وقت	

مقالات در همایش ها

1. Aboozar Khajeh ,Potent anti-colorectal cancer agents of saffron ,2nd international congress on .biomedicine ,2018
2. Aboozar Khajeh ,Discovery of anti-breast cancer agents in essential oils ,2nd international .congress on biomedicine ,2018
3. Khajeh A.Prediction of esters adsorption on carbon by GFA and ANFIS.The16th Iranian National Congress of Chemical Engineering, Amirkabir University of Technology, Department of .Chemical Engineering.Tehran.۲۰۱۹
4. Khajeh A ,Prediction alcohols diffusion in air by using new and efficient QSPR ,The16th Iranian .National Congress of Chemical Engineering ,Tehran ,2019
5. Khajeh A.Prediction of solubility and skin penetration of saffron essential oil components.The .5th National Conference on Saffron.Torbat Heydariyeh.۲۰۱۸
6. Aboozar Khajeh ,Prediction of aqueous solubility of alcohols by molecular approach ,11th .International Chemical Engineering Congress & Exhibition ,2020
7. Aboozar Khajeh ,Quantitative Structure–Property Relationship for Liquid Heat Capacity of .Alcohols ,11th International Chemical Engineering Congress & Exhibition ,2020
8. Khajeh A ,A new QSPR model for prediction the adsorption enthalpies of alkanes on zeolites

9. Khajeh A. A novel QSPR model for prediction the dispersibility of graphene in various solvents. The 6th Iranian National Zeolite Conference. Quchan. 2019.
10. Khajeh A. Efficient model for prediction the adsorption of organic compounds by single-walled carbon nanotube. The 6th Iranian National Zeolite Conference. Quchan. 2019.
11. Khajeh A. QSPR model for adsorption of organic compounds by multi-walled carbon nanotube (MWCNT): Comparison between MLR. 7th Iranian Biennial Chemometrics Seminar. Shahrood. 2019.
12. Khajeh A. Comparison of molecular based modelling for predicting gas heat capacity of organic compounds. 7th Iranian Biennial Chemometrics Seminar. Shahrood. 2019.
13. Khajeh A. Particle swarm optimization with various mutations for descriptor selection in QSPR studies. 7th Iranian Biennial Chemometrics Seminar. Shahrood. 2019.

مقالات در نشریات

1. Aboozar Khajeh, Applying Molecular Approaches to the Estimation of Surface Tension of Deep Eutectic Solvents, Journal of Solution Chemistry, 2022.
2. Aboozar Khajeh , Mehdi Shakourian , Fard , Khalil Parvaneh, Quantitative structure-property relationship for melting and freezing points of deep eutectic solvents., Journal of Molecular Liquids, 2021.
3. Aboozar Khajeh , Mehdi Shakourian , Fard, Chemical structure-based models for prediction of density of ammonium and phosphonium-based deep eutectic solvents, Journal of Molecular Liquids, 2021.
4. Aboozar Khajeh , Khalil Parvaneh , Mehdi Shakourian , Fard, Refractive index prediction of deep eutectic solvents by molecular approaches, Journal of Molecular Liquids, 2021.
5. Khajeh A ,& Modarress H, Effect of Cholesterol on behavior of 5-Fluorouracil (5-FU) in a DMPC Lipid Bilayer, A Molecular Dynamics Study, Biophys. Chem., 2014.
6. Khajeh A ,& Modarress H, The Influence of Cholesterol on Interactions and Dynamics of Ibuprofen in a Lipid Bilayer, Biochimica et Biophysica Acta (BBA) - Biomembranes, 2014.
7. Khajeh A ,& Modarress H, Linear and nonlinear quantitative structure-property relationship modelling of skin permeability, SAR and QSAR in environmental research, 2014.
8. Khajeh A ,& Modarress H, Modified particle swarm optimization method for variable selection in QSAR/QSPR studies, Struct Chem, 2013.
9. Khajeh A ,& Modarress H, Application of modified particle swarm optimization as an efficient variable selection strategy in QSAR/QSPR studies, J. Chemom., 2012.
10. Khajeh A , Modarress H , Rezaee B, Application of adaptive neuro-fuzzy inference system for solubility prediction of carbon dioxide in polymers, Expt Sys with Appl, 2009.
11. Khajeh A, Modarress H, Prediction of Solubility of gases in polystyrene by Adaptive Neuro-Fuzzy Inference System and Radial Basis Function Neural Network, Expert Syst Appl, 2010.
12. Khajeh A ,& Modarress H, QSPR prediction of flash point of esters by means of GFA and ANFIS, J. Hazard. Mater, 2010.
13. Khajeh A ,& Modarress H, Quantitative structure-property relationship for surface tension of some common alcohols, J. Chemom., 2011.
14. Khajeh A ,& Modarress H, Quantitative structure property relationship prediction of liquid thermal conductivity for some alcohols, Struct. Chem., 2011.
15. Khajeh A ,& Rasaei MR, Diffusion coefficient prediction of acids in water at infinite dilution by QSPR method, Struct. Chem, 2012.
16. Khajeh A ,& Modarress H, Quantitative structure-property relationship for flash point of alcohols, Ind. Eng. Chem. Res, 2011.
17. Khajeh A ,& Modarress H, Quantitative Structure-Property Relationship Prediction of Liquid Heat Capacity at 298.15 K for Organic Compounds, Ind. Eng. Chem. Res, 2012.

- Khajeh A ,& Modarress H,Quantitative structure–property relationship prediction of gas .18
.heatcapacity at 298.15 k for organic compounds,Ind. Eng. Chem. Res.,2012
- Khajeh A ,& Modarress H,QSPR prediction of surface tension of refrigerants from their .19
.molecular structures,Int. J. Refrig.,2011
- A Khajeh , H Modarress , M Mohsen , Nia,) Solubility prediction for carbon dioxide in .20
.polymers by artificial neural network,Iranian Polymer Journal,2007