



## Aboozar Khajeh

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### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	On Contract	Full Time	

### Papers in Conferences

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.The 16th Iranian National Congress of Chemical Engineering, Amirkabir University of Technology, Department of Chemical Engineering, Tehran, 2019.
4. Khajeh A ,Prediction alcohols diffusion in air by using new and efficient QSPR ,The 16th Iranian National Congress of Chemical Engineering ,Tehran ,2019.
5. Khajeh A.Prediction of solubility and skin penetration of saffron essential oil components.The 8th National Conference on Saffron.Torbat Heydariyeh, 2018.
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 ,The 6th Iranian National Zeolite Conference ,Quchan ,2019.
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. 9th Iranian Biennial Chemometrics Seminar.Shahrood, 2019.
12. Khajeh A.Comparison of molecular based modelling for predicting gas heat capacity of organic compounds, 9th Iranian Biennial Chemometrics Seminar.Shahrood, 2019.
13. Khajeh A.Particle swarm optimization with various mutations for descriptor selection in QSPR

## Papers in Journals

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