Zahra Dashtbozorgi

List of Publications by Year
in descending order

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22	278	933264 10	887953 17
papers	citations	h-index	g-index

22	22	22	259
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling and predicting the solute polarity parameter in reversedâ€phase liquid chromatography using quantitative structureâ€“property relationship approaches. Journal of Separation Science, 2017, 40, 4495-4502.	1.3	0
2	Prediction of solvation enthalpy of gaseous organic compounds in propanol. Russian Journal of Physical Chemistry A, 2016, 90, 1806-1812.	0.1	1
3	QSPR prediction of gas-to-methanol solvation enthalpy of organic compounds using replacement method and support vector machine. Physics and Chemistry of Liquids, 2015, 53, 46-66.	0.4	5
4	Prediction of gas-to-ionic liquid partition coefficient of organic solutes dissolved in 1-(2-methoxyethyl)-1-methylpyrrolidinium tris(pentafluoroethyl)trifluorophosphate using QSPR approaches. Journal of Molecular Liquids, 2015, 201, 21-29.	2.3	11
5	QSPR prediction of gas-to-ionic liquid partition coefficient of organic solutes dissolved in 1-(2-hydroxyethyl)-1-methylimidazolium tris(pentafluoroethyl)trifluorophosphate using the replacement method and support vector regression. Journal of Molecular Liquids, 2014, 196, 43-51.	2.3	14
6	Prediction of Heat Capacities of Hydration of Various Organic Compounds Using Partial Least Squares and Artificial Neural Network. Journal of Solution Chemistry, 2013, 42, 338-357.	0.6	2
7	QSPR models for prediction of gas-to-heptane and gas-to-hexadecane solvation enthalpies of organic compounds from theoretical molecular descriptors. Structural Chemistry, 2013, 24, 1799-1810.	1.0	12
8	Optimization and validation of a new pesticide residue method for cucumber and tomato using acetonitrile-based extraction-dispersive liquidâ€“liquid microextraction followed by liquid chromatography-tandem mass spectrometry. Analytical Methods, 2013, 5, 1192.	1.3	20
9	Support vector regression based QSPR for the prediction of retention time of pesticide residues in gas chromatographyâ€“mass spectroscopy. Microchemical Journal, 2013, 106, 51-60.	2.3	19
10	Prediction of Gas Chromatography-Mass Spectrometry Retention Times of Pesticide Residues by Chemometrics Methods. Journal of Chemistry, 2013, 2013, 1-13.	0.9	0
11	Application of QSPR for the prediction of gas to 1-octanol solvation enthalpy using support vector regression. Physics and Chemistry of Liquids, 2013, 51, 182-202.	0.4	8
12	QSPR STUDY OF THE SOLUTE POLARITY PARAMETER IN REVERSED-PHASE LIQUID CHROMATOGRAPHY USING PARTIAL LEAST SQUARES AND ARTIFICIAL NEURAL NETWORK. Journal of Liquid Chromatography and Related Technologies, 2012, 36, 127-142.	0.5	1
13	Prediction of Bovine Serum Albuminâ€Water Partition Coefficients of a Wide Variety of Neutral Organic Compounds by Means of Support Vector Machine. Molecular Informatics, 2012, 31, 867-878.	1.4	12
14	Quantitative structureâ€“activity relationship prediction of blood-to-brain partitioning behavior using support vector machine. European Journal of Pharmaceutical Sciences, 2012, 47, 421-429.	1.9	76
15	QSPR studies for predicting gas to acetone and gas to acetonitrile solvation enthalpies using support vector machine. Journal of Molecular Liquids, 2012, 175, 24-32.	2.3	16
16	A Novel QSPR Model for Prediction of Gas to Dimethyl Sulfoxide Solvation Enthalpy of Organic Compounds Based on Support Vector Machine. Molecular Informatics, 2012, 31, 385-397.	1.4	4
17	Simultaneous Prediction of the Logarithmic Capacity Factor of Some Aliphatic and Aromatic Compounds on Five Different Stationary Phases in RP-LC Using Artificial Neural Network. Chromatographia, 2012, 75, 701-710.	0.7	1
18	Prediction of gas to water solvation enthalpy of organic compounds using support vector machine. Thermochimica Acta, 2012, 539, 7-15.	1.2	9

#	Article	IF	Citations
19	Quantitative structureâ€“property relationship studies of gas-to-wet butyl acetate partition coefficient of some organic compounds using genetic algorithm and artificial neural network. Structural Chemistry, 2010, 21, 1241-1252.	1.0	22
20	Quantitative structureâ€“property relationship modeling of waterâ€toâ€wet butyl acetate partition coefficient of 76 organic solutes using multiple linear regression and artificial neural network. Journal of Separation Science, 2010, 33, 3800-3810.	1.3	11
21	Prediction of air to liver partition coefficient for volatile organic compounds using QSAR approaches. European Journal of Medicinal Chemistry, 2010, 45, 2182-2190.	2.6	27
22	Prediction of Gas-to-Olive Oil Partition Coefficients of Organic Compounds Using an Artificial Neural Network. Analytical Sciences, 2009, 25, 1137-1142.	0.8	7