

Seyyed Alireza Mirkhani

List of Publications by Year in descending order

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24
papers

914
citations

471371

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610775

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docs citations

24
times ranked

1039
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved synthesis of Ti_3C_2Tx MXenes resulting in exceptional electrical conductivity, high synthesis yield, and enhanced capacitance. <i>Nanoscale</i> , 2021, 13, 3572-3580.	2.8	228
2	High Dielectric Constant and Low Dielectric Loss via Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (alcohol)/ Ti_3C_2 Materials & Interfaces, 2019, 11, 18599-18608.	4.0	157
3	Predictive Quantitative Structure–Property Relationship Model for the Estimation of Ionic Liquid Viscosity. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 2470-2477.	1.8	53
4	Impact of synthesis temperature on morphology, rheology and electromagnetic interference shielding of CVD-grown carbon nanotube/polyvinylidene fluoride nanocomposites. <i>Synthetic Metals</i> , 2017, 230, 39-50.	2.1	45
5	Enhanced Dielectric Performance of Polymer Nanocomposites Based on CNT/ MnO_2 Nanowire Hybrid Nanostructure. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8327-8334.	1.5	44
6	A simple correlation for prediction of heat capacities of ionic liquids. <i>Fluid Phase Equilibria</i> , 2013, 337, 73-82.	1.4	37
7	A QSPR model for prediction of diffusion coefficient of non-electrolyte organic compounds in air at ambient condition. <i>Chemosphere</i> , 2012, 86, 959-966.	4.2	32
8	Ionic liquids: Prediction of melting point by molecular-based model. <i>Thermochimica Acta</i> , 2012, 549, 17-34.	1.2	31
9	Prediction of surface tension of ionic liquids by molecular approach. <i>Journal of Molecular Liquids</i> , 2013, 179, 78-87.	2.3	31
10	Prediction of Standard Enthalpy of Combustion of Pure Compounds Using a Very Accurate Group-Contribution-Based Method. <i>Energy & Fuels</i> , 2011, 25, 2651-2654.	2.5	29
11	Determination of the glass transition temperature of ionic liquids: A molecular approach. <i>Thermochimica Acta</i> , 2012, 543, 88-95.	1.2	27
12	An accurate model for the prediction of the glass transition temperature of ammonium based ionic liquids: A QSPR approach. <i>Fluid Phase Equilibria</i> , 2012, 324, 50-63.	1.4	25
13	Partitioning of alkaline protease from <i>Bacillus licheniformis</i> (ATCC 21424) using PEG– K_2HPO_4 aqueous two-phase system. <i>Fluid Phase Equilibria</i> , 2013, 337, 1-5.	1.4	24
14	A predictive quantitative structure–property relationship for glass transition temperature of 1,3-dialkyl imidazolium ionic liquids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 235-246.	2.0	24
15	Determination of the normal boiling point of chemical compounds using a quantitative structure–property relationship strategy: Application to a very large dataset. <i>Fluid Phase Equilibria</i> , 2013, 354, 250-258.	1.4	23
16	(Liquid+liquid) equilibrium for ternary mixtures of {heptane+aromatic compounds+[EMpy][ESO4]} at $T=298.15K$. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 1530-1534.	1.0	18
17	A predictive quantitative structure–property relationship for glass transition temperature of 1,3-dialkyl imidazolium ionic liquids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 1639-1648.	2.0	17
18	QSPR Molecular Approach for Estimating Henry’s Law Constants of Pure Compounds in Water at Ambient Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 4764-4767.	1.8	15

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19	Liquid-liquid equilibrium (LLE) data for ternary mixtures of {aliphatic+p-xylene+[EMpy][ESO4]} at T=313.15K. <i>Fluid Phase Equilibria</i> , 2012, 332, 48-54.	1.4	14
20	Computation of Upper Flash Point of Chemical Compounds Using a Chemical Structure-Based Model. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 5103-5107.	1.8	14
21	Electrochemically Exfoliated Graphite Nanosheet Films for Electromagnetic Interference Shields. <i>ACS Applied Nano Materials</i> , 2021, 4, 7221-7233.	2.4	12
22	A molecular-based model for prediction of liquid viscosity of pure organic compounds: A quantitative structure property relationship (QSPR) approach. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2013, 44, 359-364.	2.7	7
23	A chemical structure-based model for estimating speed of sound in liquids. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 116, 529-538.	2.0	5
24	Impact of synthesis temperature on structure of carbon nanotubes and morphological and electrical characterization of their polymeric nanocomposites. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	2