Seyyed Alireza Mirkhani

List of Publications by Year
in descending order

24 papers	914 citations	471371 17 h-index	610775 24 g-index
24 all docs	24 docs citations	24 times ranked	1039 citing authors

#	Article	IF	Citations
1	Improved synthesis of Ti₃C₂T_x MXenes resulting in exceptional electrical conductivity, high synthesis yield, and enhanced capacitance. Nanoscale, 2021, 13, 3572-3580.	2.8	228
2	Electrochemically Exfoliated Graphite Nanosheet Films for Electromagnetic Interference Shields. ACS Applied Nano Materials, 2021, 4, 7221-7233.	2.4	12
3	High Dielectric Constant and Low Dielectric Loss via Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (alcohol)/Ti<sub>3 Materials & Interfaces, 2019, 11, 18599-18608.	4.0	157
4	Impact of synthesis temperature on morphology, rheology and electromagnetic interference shielding of CVD-grown carbon nanotube/polyvinylidene fluoride nanocomposites. Synthetic Metals, 2017, 230, 39-50.	2.1	45
5	Enhanced Dielectric Performance of Polymer Nanocomposites Based on CNT/MnO₂ Nanowire Hybrid Nanostructure. Journal of Physical Chemistry C, 2017, 121, 8327-8334.	1.5	44
6	Impact of synthesis temperature on structure of carbon nanotubes and morphological and electrical characterization of their polymeric nanocomposites. AIP Conference Proceedings, 2017, , .	0.3	2
7	A chemical structure-based model for estimating speed of sound in liquids. Journal of Thermal Analysis and Calorimetry, 2014, 116, 529-538.	2.0	5
8	Determination of the normal boiling point of chemical compounds using a quantitative structureâ€“property relationship strategy: Application to a very large dataset. Fluid Phase Equilibria, 2013, 354, 250-258.	1.4	23
9	Partitioning of alkaline protease from Bacillus licheniformis (ATCC 21424) using PEGâ€“K2HPO4 aqueous two-phase system. Fluid Phase Equilibria, 2013, 337, 1-5.	1.4	24
10	A simple correlation for prediction of heat capacities of ionic liquids. Fluid Phase Equilibria, 2013, 337, 73-82.	1.4	37
11	A predictive quantitative structureâ€“property relationship for glass transition temperature of 1,3-dialkyl imidazolium ionic liquids. Journal of Thermal Analysis and Calorimetry, 2013, 111, 235-246.	2.0	24
12	A predictive quantitative structureâ€“property relationship for glass transition temperature of 1,3-dialkyl imidazolium ionic liquids. Journal of Thermal Analysis and Calorimetry, 2013, 111, 1639-1648.	2.0	17
13	Prediction of surface tension of ionic liquids by molecular approach. Journal of Molecular Liquids, 2013, 179, 78-87.	2.3	31
14	A molecular-based model for prediction of liquid viscosity of pure organic compounds: A quantitative structure property relationship (QSPR) approach. Journal of the Taiwan Institute of Chemical Engineers, 2013, 44, 359-364.	2.7	7
15	QSPR Molecular Approach for Estimating Henryâ€™s Law Constants of Pure Compounds in Water at Ambient Conditions. Industrial & Engineering Chemistry Research, 2012, 51, 4764-4767.	1.8	15
16	Predictive Quantitative Structureâ€“Property Relationship Model for the Estimation of Ionic Liquid Viscosity. Industrial & Engineering Chemistry Research, 2012, 51, 2470-2477.	1.8	53
17	Determination of the glass transition temperature of ionic liquids: A molecular approach. Thermochimica Acta, 2012, 543, 88-95.	1.2	27
18	Liquidâ€“liquid equilibrium (LLE) data for ternary mixtures of {aliphatic+p-xylene+[EMpy][ESO4]} at T=313.15K. Fluid Phase Equilibria, 2012, 332, 48-54.	1.4	14

#	Article	IF	Citations
19	Ionic liquids: Prediction of melting point by molecular-based model. Thermochimica Acta, 2012, 549, 17-34.	1.2	31
20	Computation of Upper Flash Point of Chemical Compounds Using a Chemical Structure-Based Model. Industrial & Engineering Chemistry Research, 2012, 51, 5103-5107.	1.8	14
21	A QSPR model for prediction of diffusion coefficient of non-electrolyte organic compounds in air at ambient condition. Chemosphere, 2012, 86, 959-966.	4.2	32
22	An accurate model for the prediction of the glass transition temperature of ammonium based ionic liquids: A QSPR approach. Fluid Phase Equilibria, 2012, 324, 50-63.	1.4	25
23	Prediction of Standard Enthalpy of Combustion of Pure Compounds Using a Very Accurate Group-Contribution-Based Method. Energy & Fuels, 2011, 25, 2651-2654.	2.5	29
24	(Liquid+liquid) equilibrium for ternary mixtures of {heptane+aromatic compounds+[EMpy][ESO4]} at T=298.15K. Journal of Chemical Thermodynamics, 2011, 43, 1530-1534.	1.0	18