Sushma Ijardar

List of Publications by Year
in descending order

28	830	394421	501196
papers	citations	19 h-index	28 g-index

28	28	28	541
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Viscosity of binary mixtures of 1-alkanol+cyclohexane, 2-alkanol+cyclohexane and 1-alkanol+methylcyclohexane at 303.15 K. Journal of Molecular Liquids, 2005, 116, 73-82.	4.9	80
2	Understanding the peculiar effect of water on the physicochemical properties of choline chloride based deep eutectic solvents theoretically and experimentally. Journal of Molecular Liquids, 2019, 278, 607-615.	4.9	72
3	Volumetric and acoustic properties of binary mixtures of cyclohexane + benzene and + benzaldehyde at (293.15â€“323.15) K. Thermochimica Acta, 2012, 539, 71-83.	2.7	53
4	Studies of viscosities of dilute solutions of alkylamine in non-electrolyte solvents. Thermochimica Acta, 2004, 423, 29-41.	2.7	49
5	Experimental and theoretical excess molar properties of imidazolium based ionic liquids with molecular organic solvents â€“ I. 1-Hexyl-3-methylimidazlouim tetraflouroborate and 1-octyl-3-methylimidazlouim tetraflouroborate with cyclic ethers. Journal of Chemical Thermodynamics, 2014, 71, 236-248.	2.0	45
6	Fuel intermediates, agricultural nutrients and pure water from Kappaphycus alvarezii seaweed. RSC Advances, 2013, 3, 17989.	3.6	43
7	Speeds of sound, isentropic compressibilities and excess molar volumes of an alkanol + cycloalkane at 303.15 K. Fluid Phase Equilibria, 2004, 218, 131-140.	2.5	41
8	Study on thermo physical and excess molar properties of binary systems of ionic liquids. I: [Cnmim][PF6] (n=6, 8) and alkyl acetates. Journal of Chemical Thermodynamics, 2014, 74, 103-118.	2.0	39
9	Deep eutectic solvents composed of tetrabutylammonium bromide and PEG: Density, speed of sound and viscosity as a function of temperature. Journal of Chemical Thermodynamics, 2020, 140, 105897.	2.0	39
10	Investigation on thermophysical and excess properties of binary mixtures of imidazolium based ionic liquids at temperatures (293.15 to 323.15) K: III [C n mim][PF 6] (n = 4, 6, 8) + THF. Journal of Chemical Thermodynamics, 2015, 86, 143-153.	2.0	33
11	Thermophysical, acoustic and optical properties of binary mixtures of imidazolium based ionic liquids + polyethylene glycol. Journal of Chemical Thermodynamics, 2016, 99, 40-53.	2.0	32
12	Temperature dependence of densities, speeds of sound, and derived properties of cyclohexylamine+cyclohexane or benzene in the temperature range 293.15â€“323.15K. Thermochimica Acta, 2012, 547, 106-119.	2.7	30
13	Studies of partial molar volumes of alkylamine in non-electrolyte solvents. Thermochimica Acta, 2006, 449, 73-89.	2.7	29
14	Binary mixtures of ([C 4 mim][NTf 2] + molecular organic solvents): Thermophysical, acoustic and transport properties at various compositions and temperatures. Journal of Chemical Thermodynamics, 2016, 93, 75-85.	2.0	28
15	Studies of viscosities of dilute solutions of alkylamines in non-electrolyte solvents: IV. Alkylamines in 1,4-dioxane and oxolane at 303.15K. Thermochimica Acta, 2009, 496, 97-104.	2.7	22
16	Excess Molar Properties for Binary Systems of C_nMIM-BF₄ Ionic Liquids with Alkylamines in the Temperature Range (298.15 to 318.15) K. Experimental Results and Theoretical Model Calculations. Journal of Chemical & Engineering Data, 2014, 59, 540-553.	1.9	22
17	Speeds of sound, isentropic compressibilities, viscosities, and excess molar volumes of binary mixtures of alkanoates with tetra- and trichloromethanes at 303.15K. Thermochimica Acta, 2005, 426, 141-149.	2.7	20
18	Studies of viscosities of dilute solutions of alkylamines in non-electrolyte solvents. Thermochimica Acta, 2009, 490, 20-26.	2.7	20

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19	Studies of partial molar volumes of alkylamine in non-electrolyte solvents III: Alkyl amines in butanols at 303.15ÂK. Journal of Molecular Liquids, 2009, 144, 115-123.	4.9	20
20	Studies of partial molar volumes of alkylamine in non-electrolyte solvents II. Alkyl amines in chloroalkanes at 303.15 and 313.15ÂK. Journal of Molecular Liquids, 2009, 144, 108-114.	4.9	18
21	Studies of viscosities of dilute solutions of alkylamine in non-electrolyte solvents. II. Haloalkanes and other polar solvents. Thermochimica Acta, 2005, 427, 51-60.	2.7	17
22	Composition and Temperature Dependence of Excess Properties of Binary Mixtures of Imidazolium Based Ionic Liquids: II ([C n mim][PF6]) + Propylamine. Journal of Solution Chemistry, 2015, 44, 718-741.	1.2	17
23	Studies of Partial Molar Volumes of Alkylamines inÂNon-electrolyte Solvents. IV. Alkyl Amines inÂCyclicÂEthers atÂ303.15ÂK. Journal of Solution Chemistry, 2009, 38, 321-344.	1.2	15
24	Temperature dependent apparent molar properties of trihexylammonium carboxylate based protic ionic liquids in toluene and dodecane. Journal of Molecular Liquids, 2018, 272, 1058-1069.	4.9	15
25	Aqueous biphasic systems of amino acid-based ionic liquids: Evaluation of phase behavior and extraction capability for caffeine. Fluid Phase Equilibria, 2020, 506, 112373.	2.5	15
26	Apparent molar properties of trioctylmethylammonium based ionic liquids in toluene and dodecane at TÂ=Â(293.15 to 328.15)ÂK. Journal of Molecular Liquids, 2020, 299, 112186.	4.9	9
27	Investigation on thermophysical properties of binary systems of [C4mim][NTf2] with cyclic ethers: Application of PFP and ERAS theories. Journal of Molecular Liquids, 2020, 320, 114411.	4.9	6
28	Insights into Nonâ€ideal Behavior of Double Salt Ionic Liquids with Common Cation: Volumetric Behaviour, Molecular Dynamics Simulations and NMR ExperimentsÂ. ChemistrySelect, 2019, 4, 12861-12870.	1.5	1