

Sushma Ijardar

List of Publications by Year in descending order

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28
papers

830
citations

448610

19
h-index

563245

28
g-index

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all docs

28
docs citations

28
times ranked

608
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep eutectic solvents composed of tetrabutylammonium bromide and PEG: Density, speed of sound and viscosity as a function of temperature. <i>Journal of Chemical Thermodynamics</i> , 2020, 140, 105897.	1.0	39
2	Aqueous biphasic systems of amino acid-based ionic liquids: Evaluation of phase behavior and extraction capability for caffeine. <i>Fluid Phase Equilibria</i> , 2020, 506, 112373.	1.4	15
3	Apparent molar properties of trioctylmethylammonium based ionic liquids in toluene and dodecane at $T = (293.15 \text{ to } 328.15) \text{ K}$. <i>Journal of Molecular Liquids</i> , 2020, 299, 112186.	2.3	9
4	Investigation on thermophysical properties of binary systems of [C4mim][NTf2] with cyclic ethers: Application of PFP and ERAS theories. <i>Journal of Molecular Liquids</i> , 2020, 320, 114411.	2.3	6
5	Understanding the peculiar effect of water on the physicochemical properties of choline chloride based deep eutectic solvents theoretically and experimentally. <i>Journal of Molecular Liquids</i> , 2019, 278, 607-615.	2.3	72
6	Insights into Non-Ideal Behavior of Double Salt Ionic Liquids with Common Cation: Volumetric Behaviour, Molecular Dynamics Simulations and NMR Experiments. <i>ChemistrySelect</i> , 2019, 4, 12861-12870.	0.7	1
7	Temperature dependent apparent molar properties of trihexylammonium carboxylate based protic ionic liquids in toluene and dodecane. <i>Journal of Molecular Liquids</i> , 2018, 272, 1058-1069.	2.3	15
8	Thermophysical, acoustic and optical properties of binary mixtures of imidazolium based ionic liquids + polyethylene glycol. <i>Journal of Chemical Thermodynamics</i> , 2016, 99, 40-53.	1.0	32
9	Binary mixtures of ([C 4 mim][NTf 2] + molecular organic solvents): Thermophysical, acoustic and transport properties at various compositions and temperatures. <i>Journal of Chemical Thermodynamics</i> , 2016, 93, 75-85.	1.0	28
10	Composition and Temperature Dependence of Excess Properties of Binary Mixtures of Imidazolium Based Ionic Liquids: II ([C n mim][PF6]) + Propylamine. <i>Journal of Solution Chemistry</i> , 2015, 44, 718-741.	0.6	17
11	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. <i>Journal of Chemical Thermodynamics</i> , 2015, 86, 143-153.	1.0	33
12	Study on thermo physical and excess molar properties of binary systems of ionic liquids. I: [Cnmim][PF6] (n=6, 8) and alkyl acetates. <i>Journal of Chemical Thermodynamics</i> , 2014, 74, 103-118.	1.0	39
13	Excess Molar Properties for Binary Systems of C _n MIM-BF ₄ Ionic Liquids with Alkylamines in the Temperature Range (298.15 to 318.15) K. Experimental Results and Theoretical Model Calculations. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 540-553.	1.0	22
14	Experimental and theoretical excess molar properties of imidazolium based ionic liquids with molecular organic solvents. I. 1-Hexyl-3-methylimidazolium tetrafluoroborate and 1-octyl-3-methylimidazolium tetrafluoroborate with cyclic ethers. <i>Journal of Chemical Thermodynamics</i> , 2014, 71, 236-248.	1.0	45
15	Fuel intermediates, agricultural nutrients and pure water from <i>Kappaphycus alvarezii</i> seaweed. <i>RSC Advances</i> , 2013, 3, 17989.	1.7	43
16	Temperature dependence of densities, speeds of sound, and derived properties of cyclohexylamine+cyclohexane or benzene in the temperature range 293.15–323.15K. <i>Thermochimica Acta</i> , 2012, 547, 106-119.	1.2	30
17	Volumetric and acoustic properties of binary mixtures of cyclohexane + benzene and + benzaldehyde at (293.15–323.15) K. <i>Thermochimica Acta</i> , 2012, 539, 71-83.	1.2	53
18	Studies of Partial Molar Volumes of Alkylamines in Non-electrolyte Solvents. IV. Alkyl Amines in Cyclic Ethers at 303.15 K. <i>Journal of Solution Chemistry</i> , 2009, 38, 321-344.	0.6	15

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19	Studies of partial molar volumes of alkylamine in non-electrolyte solvents II. Alkyl amines in chloroalkanes at 303.15 and 313.15ÅK. Journal of Molecular Liquids, 2009, 144, 108-114.	2.3	18
20	Studies of viscosities of dilute solutions of alkylamines in non-electrolyte solvents. Thermochemica Acta, 2009, 490, 20-26.	1.2	20
21	Studies of viscosities of dilute solutions of alkylamines in non-electrolyte solvents: IV. Alkylamines in 1,4-dioxane and oxolane at 303.15K. Thermochemica Acta, 2009, 496, 97-104.	1.2	22
22	Studies of partial molar volumes of alkylamine in non-electrolyte solvents III: Alkyl amines in butanols at 303.15ÅK. Journal of Molecular Liquids, 2009, 144, 115-123.	2.3	20
23	Studies of partial molar volumes of alkylamine in non-electrolyte solvents. Thermochemica Acta, 2006, 449, 73-89.	1.2	29
24	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.	2.3	80
25	Speeds of sound, isentropic compressibilities, viscosities, and excess molar volumes of binary mixtures of alkanoates with tetra- and trichloromethanes at 303.15K. Thermochemica Acta, 2005, 426, 141-149.	1.2	20
26	Studies of viscosities of dilute solutions of alkylamine in non-electrolyte solvents. II. Haloalkanes and other polar solvents. Thermochemica Acta, 2005, 427, 51-60.	1.2	17
27	Speeds of sound, isentropic compressibilities and excess molar volumes of an alkanol + cycloalkane at 303.15 K. Fluid Phase Equilibria, 2004, 218, 131-140.	1.4	41
28	Studies of viscosities of dilute solutions of alkylamine in non-electrolyte solvents. Thermochemica Acta, 2004, 423, 29-41.	1.2	49