

Shamim Akhtar

List of Publications by Year in descending order

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papers

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33
times ranked

383
citing authors

#	ARTICLE	IF	CITATIONS
1	Viscosity of Aqueous Solutions of Formamide, N-Methylformamide and N,N-Dimethylformamide. <i>Physics and Chemistry of Liquids</i> , 2001, 39, 383-399.	1.2	53
2	Viscosity of Aqueous Solutions of Some Alcohols. <i>Physics and Chemistry of Liquids</i> , 1999, 37, 215-227.	1.2	50
3	Excess Molar Volumes and Thermal Expansivities of Aqueous Solutions of Dimethylsulfoxide, Tetrahydrofuran and 1,4-Dioxane. <i>Physics and Chemistry of Liquids</i> , 2002, 40, 621-635.	1.2	47
4	Excess molar volumes of aqueous systems of some diamines. <i>Journal of Molecular Liquids</i> , 2005, 116, 147-156.	4.9	40
5	Excess Molar Volumes of Aqueous Solutions of 1-Propanol, 2-Propanol, Allyl Alcohol and Propargyl Alcohol. <i>Physics and Chemistry of Liquids</i> , 1998, 36, 53-65.	1.2	38
6	Density and viscosity for the solutions of 1-butanol with nitromethane and acetonitrile at 303.15 to 323.15K. <i>Journal of Molecular Liquids</i> , 2014, 190, 208-214.	4.9	31
7	Viscosities and excess viscosities of aqueous solutions of some diethanolamines. <i>Journal of Molecular Liquids</i> , 2010, 155, 1-7.	4.9	30
8	Viscosity of Aqueous Solutions of <i>n</i> -butylamine, <i>sec</i> -butylamine and <i>tert</i> -butylamine. <i>Physics and Chemistry of Liquids</i> , 2001, 39, 85-97.	1.2	29
9	Viscosities of Aqueous Solutions of Dimethylsulfoxide, 1,4-Dioxane and Tetrahydrofuran. <i>Physics and Chemistry of Liquids</i> , 2001, 39, 551-563.	1.2	26
10	Volumetric properties of some water+monoalkanolamine systems between 303.15 and 323.15K. <i>Journal of Molecular Liquids</i> , 2013, 182, 7-13.	4.9	24
11	Volumetric and viscometric properties of aqueous solutions of some monoalkanolamines. <i>Journal of Molecular Liquids</i> , 2016, 223, 299-314.	4.9	24
12	Viscosity of aqueous solutions of some diamines. <i>Physics and Chemistry of Liquids</i> , 2004, 42, 103-115.	1.2	22
13	Viscosity and Thermodynamics of Viscous Flow for the Systems of Isomeric Pentanols with Toluene. <i>Physics and Chemistry of Liquids</i> , 2002, 40, 435-448.	1.2	21
14	Excess Molar Volumes of Aqueous Solutions of Butylamine Isomers. <i>Physics and Chemistry of Liquids</i> , 2000, 38, 137-149.	1.2	20
15	Density, viscosity and thermodynamic activation of viscous flow of water+acetonitrile. <i>Physics and Chemistry of Liquids</i> , 2006, 44, 551-562.	1.2	20
16	Densities and excess molar volumes of aqueous solutions of some diethanolamines. <i>Physics and Chemistry of Liquids</i> , 2009, 47, 638-652.	1.2	20
17	Densities, viscosities, and refractive indices for the binary mixtures of tri- <i>n</i> -butyl phosphate (TBP) with toluene and ethylbenzene between (303.15 and 323.15) K. <i>Journal of Molecular Liquids</i> , 2018, 265, 611-620.	4.9	16
18	Molecular interactions in the binary mixtures of some monoalkanolamines with acetonitrile between 303.15 and 323.15. <i>Journal of Molecular Liquids</i> , 2019, 277, 681-691.	4.9	16

#	ARTICLE	IF	CITATIONS
19	Density and Viscosity of 1-Bromoalkanes. <i>Physics and Chemistry of Liquids</i> , 1995, 30, 177-185.	1.2	15
20	Densities and some related properties of the binary systems of methanol with isomeric xylenes between 303.15 and 323.15K. <i>Journal of Molecular Liquids</i> , 2011, 159, 204-210.	4.9	14
21	Density, Refractive Index, and Sound Velocity for the Binary Mixtures of Tri- <i>n</i> -Butyl Phosphate and <i>n</i> -Butanol between 303.15 K and 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 124-131.	1.9	14
22	Density, excess molar volume, viscosity and thermodynamic activation of viscous flow of water+ethylenecarbonate. <i>Physics and Chemistry of Liquids</i> , 2005, 43, 367-377.	1.2	13
23	Volumetric properties of some binary liquid systems: n-Heptane+Aromatic hydrocarbons between 303.15 and 323.15K. <i>Journal of Molecular Liquids</i> , 2011, 162, 26-32.	4.9	12
24	Density, viscosity and thermodynamics for viscous flow of water+1,2-dimethoxyethane. <i>Physics and Chemistry of Liquids</i> , 2008, 46, 140-153.	1.2	11
25	Densities and Dynamic Viscosities of Alicyclic Cyclohexane with Toluene, o-Xylene, and Mesitylene at T = (303.15 to 323.15) K and Atmospheric Pressure. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 1885-1895.	1.9	11
26	Density, excess molar volume and some of their derived properties of the binary systems of methyl acetate with methyl derivatives of monoethanolamine between 293.15 and 313.15ÅK. <i>Microsystem Technologies</i> , 2018, 24, 4357-4371.	2.0	10
27	Densities and excess molar volumes of tert-butanol with <i>n</i> -butylamine, di- <i>n</i> -butylamine and tri- <i>n</i> -butylamine. <i>Physics and Chemistry of Liquids</i> , 2009, 47, 681-692.	1.2	8
28	Refractive Indices of Aqueous Solutions of Isomeric Butylamines at 303.15 K: Experimental and Correlative Approach. <i>Journal of Applied Science & Process Engineering</i> , 2021, 8, 1020-1030.	0.1	3
29	Photodegradation and reaction kinetics for eosin yellow using ZnO nanoparticles as catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2022, 135, 2247-2263.	1.7	3
30	Thermodynamic activation parameters for viscous flow of aqueous solutions of butylamines. <i>Physics and Chemistry of Liquids</i> , 2006, 44, 501-512.	1.2	2
31	Correlations and Predictions for Viscosity of Binary Liquid Systems: New UNIFAC-VISCO Interaction Parameters for O, N, and S Containing Organic Liquids. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 8004-8017.	3.7	2
32	Refractive Indices and Related Properties for Binary Mixtures of Methyl Acetate and Derivatives of Alkanolamines at Temperature Ranging from 293.15 to 313.15 K. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 043001.	1.8	1