

Shamim Akhtar

List of Publications by Year in descending order

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33
docs citations

33
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383
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodegradation and reaction kinetics for eosin yellow using ZnO nanoparticles as catalysts. Reaction Kinetics, Mechanisms and Catalysis, 2022, 135, 2247-2263.	1.7	3
2	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. ECS Journal of Solid State Science and Technology, 2021, 10, 043001.	1.8	1
3	Refractive Indices of Aqueous Solutions of Isomeric Butylamines at 303.15 K: Experimental and Correlative Approach. Journal of Applied Science & Process Engineering, 2021, 8, 1020-1030.	0.1	3
4	Correlations and Predictions for Viscosity of Binary Liquid Systems: New UNIFAC-VISCO Interaction Parameters for O, N, and S Containing Organic Liquids. Industrial & Engineering Chemistry Research, 2020, 59, 8004-8017.	3.7	2
5	Molecular interactions in the binary mixtures of some monoalkanolamines with acetonitrile between 303.15 and 323.15. Journal of Molecular Liquids, 2019, 277, 681-691.	4.9	16
6	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 313.15 K. Microsystem Technologies, 2018, 24, 4357-4371.	2.0	10
7	Densities and Dynamic Viscosities of Alicyclic Cyclohexane with Toluene, o-Xylene, and Mesitylene at T = (303.15 to 323.15) K and Atmospheric Pressure. Journal of Chemical & Engineering Data, 2018, 63, 1885-1895.	1.9	11
8	Densities, viscosities, and refractive indices for the binary mixtures of tri-n-butyl phosphate (TBP) with toluene and ethylbenzene between (303.15 and 323.15) K. Journal of Molecular Liquids, 2018, 265, 611-620.	4.9	16
9	Volumetric and viscometric properties of aqueous solutions of some monoalkanolamines. Journal of Molecular Liquids, 2016, 223, 299-314.	4.9	24
10	Density, Refractive Index, and Sound Velocity for the Binary Mixtures of Tri-n-Butyl Phosphate and n-Butanol between 303.15 K and 323.15 K. Journal of Chemical & Engineering Data, 2016, 61, 124-131.	1.9	14
11	Density and viscosity for the solutions of 1-butanol with nitromethane and acetonitrile at 303.15 to 323.15 K. Journal of Molecular Liquids, 2014, 190, 208-214.	4.9	31
12	Volumetric properties of some water+monoalkanolamine systems between 303.15 and 323.15 K. Journal of Molecular Liquids, 2013, 182, 7-13.	4.9	24
13	Densities and some related properties of the binary systems of methanol with isomeric xylenes between 303.15 and 323.15 K. Journal of Molecular Liquids, 2011, 159, 204-210.	4.9	14
14	Volumetric properties of some binary liquid systems: n-Heptane+Aromatic hydrocarbons between 303.15 and 323.15 K. Journal of Molecular Liquids, 2011, 162, 26-32.	4.9	12
15	Viscosities and excess viscosities of aqueous solutions of some diethanolamines. Journal of Molecular Liquids, 2010, 155, 1-7.	4.9	30
16	Densities and excess molar volumes of tert-butanol with n-butylamine, di-n-butylamine and tri-n-butylamine. Physics and Chemistry of Liquids, 2009, 47, 681-692.	1.2	8
17	Densities and excess molar volumes of aqueous solutions of some diethanolamines. Physics and Chemistry of Liquids, 2009, 47, 638-652.	1.2	20
18	Density, viscosity and thermodynamics for viscous flow of water+1,2-dimethoxyethane. Physics and Chemistry of Liquids, 2008, 46, 140-153.	1.2	11

#	ARTICLE	IF	CITATIONS
19	Density, viscosity and thermodynamic activation of viscous flow of water+acetonitrile. Physics and Chemistry of Liquids, 2006, 44, 551-562.	1.2	20
20	Thermodynamic activation parameters for viscous flow of aqueous solutions of butylamines. Physics and Chemistry of Liquids, 2006, 44, 501-512.	1.2	2
21	Excess molar volumes of aqueous systems of some diamines. Journal of Molecular Liquids, 2005, 116, 147-156.	4.9	40
22	Density, excess molar volume, viscosity and thermodynamic activation of viscous flow of water+ethylenecarbonate. Physics and Chemistry of Liquids, 2005, 43, 367-377.	1.2	13
23	Viscosity of aqueous solutions of some diamines. Physics and Chemistry of Liquids, 2004, 42, 103-115.	1.2	22
24	Excess Molar Volumes and Thermal Expansivities of Aqueous Solutions of Dimethylsulfoxide, Tetrahydrofuran and 1,4-Dioxane. Physics and Chemistry of Liquids, 2002, 40, 621-635.	1.2	47
25	Viscosity and Thermodynamics of Viscous Flow for the Systems of Isomeric Pentanols with Toluene. Physics and Chemistry of Liquids, 2002, 40, 435-448.	1.2	21
26	Viscosities of Aqueous Solutions of Dimethylsulfoxide, 1,4-Dioxane and Tetrahydrofuran. Physics and Chemistry of Liquids, 2001, 39, 551-563.	1.2	26
27	Viscosity of Aqueous Solutions of Formamide, N-Methylformamide and N,N-Dimethylformamide. Physics and Chemistry of Liquids, 2001, 39, 383-399.	1.2	53
28	Viscosity of Aqueous Solutions of n-butylamine, sec-butylamine and tert-butylamine. Physics and Chemistry of Liquids, 2001, 39, 85-97.	1.2	29
29	Excess Molar Volumes of Aqueous Solutions of Butylamine Isomers. Physics and Chemistry of Liquids, 2000, 38, 137-149.	1.2	20
30	Viscosity of Aqueous Solutions of Some Alcohols. Physics and Chemistry of Liquids, 1999, 37, 215-227.	1.2	50
31	Excess Molar Volumes of Aqueous Solutions of 1-Propanol, 2-Propanol, Allyl Alcohol and Propargyl Alcohol. Physics and Chemistry of Liquids, 1998, 36, 53-65.	1.2	38
32	Density and Viscosity of 1-Bromoalkanes. Physics and Chemistry of Liquids, 1995, 30, 177-185.	1.2	15