

Adel S Al-Jimaz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2972130/publications.pdf>

Version: 2024-02-01

30
papers

974
citations

567281

15
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

645
citing authors

#	ARTICLE	IF	CITATIONS
1	Densities and viscosities for binary mixtures of phenetole with 1-pentanol, 1-hexanol, 1-heptanol, 1-octanol, 1-nonanol, and 1-decanol at different temperatures. <i>Fluid Phase Equilibria</i> , 2004, 218, 247-260.	2.5	148
2	Viscosities, Densities, and Speeds of Sound of Binary Mixtures of Benzene, Toluene, o-Xylene, m-Xylene, p-Xylene, and Mesitylene with Anisole at (288.15, 293.15, 298.15, and 303.15) K. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 2074-2082.	1.9	108
3	Acoustical and Excess Properties of {Chlorobenzene + 1-Hexanol, or 1-Heptanol, or 1-Octanol, or 1-Nonanol, or 1-Decanol} at (298.15, 303.15, 308.15, and 313.15) K. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 206-214.	1.9	104
4	Temperature Dependence of Physicochemical Properties of Imidazolium-, Pyrrolidinium-, and Phosphonium-Based Ionic Liquids. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 1955-1963.	1.9	74
5	Densities, Viscosities, and Refractive Indices of Binary Mixtures of Anisole with Benzene, Methylbenzene, Ethylbenzene, Propylbenzene, and Butylbenzene at (293.15 and 303.15) K. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 99-103.	1.9	68
6	Physical properties of {anisole+n-alkanes} at temperatures between (293.15 and 303.15) K. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 631-642.	2.0	65
7	Extraction of Aromatics from Middle Distillate Using N-Methyl-2-pyrrolidone: Experiment, Modeling, and Optimization. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 5686-5696.	3.7	50
8	Viscosity and surface tension of binary systems of N,N-dimethylformamide with alkan-1-ols at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2013, 56, 106-113.	2.0	50
9	Excess molar volumes and refractive indices of (methoxybenzene+benzene, or toluene, or o-xylene, or) Tj ETQq1 1 0.784314 rgBT /Over Thermodynamics, 2006, 38, 1351-1361.	2.0	47
10	Liquid-liquid equilibria of aromatics removal from middle distillate using NMP. <i>Fluid Phase Equilibria</i> , 2009, 286, 190-195.	2.5	28
11	PHYSICOCHEMICAL PROPERTIES FOR BINARY MIXTURES OF ANISOLE WITH 1-HEXANOL, 1-HEPTANOL, 1-OCTANOL, 1-NONANOL, AND 1-DECANOL AT 298.15, 303.15, 308.15, AND 313.15 K. <i>Chemical Engineering Communications</i> , 2008, 195, 1585-1613.	2.6	25
12	Extraction of propylbenzene from its mixtures with heptadecane using 4-methyl-N-butylpyridinium tetrafluoroborate. <i>Fluid Phase Equilibria</i> , 2012, 315, 21-28.	2.5	25
13	Separation of propylbenzene and n-alkanes from their mixtures using 4-methyl-N-butylpyridinium tetrafluoroborate as an ionic solvent at several temperatures. <i>Fluid Phase Equilibria</i> , 2011, 309, 102-107.	2.5	17
14	Evaluation of [bmim][PF6] as an ionic solvent for the extraction of propylbenzene from aliphatic compounds. <i>Journal of Chemical Thermodynamics</i> , 2012, 54, 322-329.	2.0	17
15	Extraction of propylbenzene or butylbenzene from dodecane using 4-methyl-N-butylpyridinium tetrafluoroborate, [mebupy][BF4], as an ionic liquid at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 1804-1809.	2.0	16
16	Study on the separation of propylbenzene from alkanes using two methylsulfate-based ionic liquids at (313 and 333) K. <i>Fluid Phase Equilibria</i> , 2013, 354, 29-37.	2.5	15
17	Liquid Extraction of Toluene from Heptane, Octane, or Nonane Using Mixed Ionic Solvents of 1-Ethyl-3-methylimidazolium Methylsulfate and 1-Hexyl-3-methylimidazolium Hexafluorophosphate. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 169-175.	1.9	15
18	Liquid-liquid equilibria for n-alkanes (C12, C14, C17)+propylbenzene+NMP mixtures at temperatures between 298 and 328K. <i>Fluid Phase Equilibria</i> , 2005, 231, 163-170.	2.5	14

#	ARTICLE	IF	CITATIONS
19	Extraction of Butylbenzene from Dodecane Using Hexafluorophosphate-Based Ionic Liquids: Effect of Cation Change. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 2907-2914.	1.9	12
20	Dependency of Physicochemical Properties of Imidazolium Bis(Trifluoromethylsulfonyl)Imide-Based Ionic Liquids on Temperature and Alkyl Chain. <i>Journal of Chemical & Engineering Data</i> , 2022, 67, 858-868.	1.9	11
21	Effect of the Alkyl Chain on the Physical Properties of Imidazolium-Based Ionic Liquids with 1-Propanol, 1-Butanol, and 1-Pentanol Binary Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 1366-1377.	1.9	10
22	Comparative study of physical properties of binary mixtures of halogen free ionic liquids with alcohols. <i>Journal of Chemical Thermodynamics</i> , 2017, 110, 175-185.	2.0	8
23	Liquid-Liquid Equilibria Measurements for Ternary System of Hexadecane + 1,3,5-Trimethylbenzene + N-Methyl-2-pyrrolidone. <i>Journal of Chemical & Engineering Data</i> , 2006, 51, 1026-1030.	1.9	7
24	Extraction of pentylbenzene from high molar mass alkanes (C14 and C17) by N-methyl-2-pyrrolidone. <i>Journal of Chemical Thermodynamics</i> , 2006, 38, 455-460.	2.0	7
25	Separation of Alkylbenzenes from <i>n</i> -Heptane Using Binary Mixtures of Ionic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 1187-1194.	1.9	7
26	Measurement and Correlation of Phase Equilibria for Dodecane +sec-Butylbenzene +N-Methyl-2-pyrrolidone. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 1740-1746.	1.9	6
27	Evaluation of 1-ethyl-3-methylimidazolium methylsulfate and 1,3-dimethylimidazolium methylsulfate as solvents for extraction of alkylbenzenes from hexadecane at 313 and 333ÅK. <i>Fluid Phase Equilibria</i> , 2017, 454, 35-42.	2.5	6
28	Effect of Solvent Cation Alkyl-Chain Length on the Separation of Butylbenzene from <i>n</i> -Tetradecane Using Hexafluorophosphate-Based Ionic Liquids at (313.15 and 333.15) K and 101.3 kPa. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3751-3759.	1.9	6
29	Viscosities and Surface Tensions of Phenetole with N-Methyl-2-pyrrolidone, N,N-Dimethylformamide and Tetrahydrofuran Binary Systems at Three Temperatures. <i>Journal of Solution Chemistry</i> , 2018, 47, 449-467.	1.2	6
30	Phase equilibria for the extraction of sec-butylbenzene from dodecane with N,N-dimethylformamide. <i>Fluid Phase Equilibria</i> , 2006, 240, 79-86.	2.5	2