

Jian Wang

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41
papers

776
citations

17
h-index

26
g-index

46
ext. papers

907
ext. citations

2.9
avg, IF

4.68
L-index

#	Paper	IF	Citations
41	Solubility determination and thermodynamic models for dehydroepiandrosterone acetate in mixed solvents of (ethyl acetate + methanol), (ethyl acetate + ethanol) and (ethyl acetate + isopropanol). <i>Journal of Chemical Thermodynamics</i> , 2016 , 101, 372-379	2.9	84
40	Solubility Measurement and Thermodynamic Modeling of 4-Nitrophthalimide in Twelve Pure Solvents at Elevated Temperatures Ranging from (273.15 to 323.15) K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 2525-2535	2.8	68
39	Solubility determination and thermodynamic modelling of terephthalaldehyde in ten organic solvents from T = (273.15 to 318.15) K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , 2016 , 102, 188-198	2.9	63
38	Determination and thermodynamic modelling for 2-methyl-6-nitroaniline solubility in binary solvent mixtures of ethyl acetate + (methanol, ethanol, n -propanol and isopropanol). <i>Journal of Chemical Thermodynamics</i> , 2017 , 105, 404-413	2.9	43
37	Solubility determination and thermodynamic functions of 2-chlorophenothiazine in nine organic solvents from T = 283.15 K to T = 318.15 K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , 2017 , 106, 132-144	2.9	42
36	Solubility of 2-nitro-p-phenylenediamine in nine pure solvents and mixture of (methanol+N-methyl-2-pyrrolidone) from T=(283.15 to 318.15)K: Determination and modelling. <i>Journal of Chemical Thermodynamics</i> , 2017 , 108, 45-58	2.9	39
35	Determination and correlation of terephthalaldehyde solubility in (ethanol, isopropanol, ethyl acetate, isopentanol) + N,N-dimethylformamide mixed solvents at temperatures from 273.15 K to 318.15 K. <i>Journal of Chemical Thermodynamics</i> , 2017 , 105, 327-336	2.9	39
34	Thermodynamic modelling for solubility of 5-chloro-1-methyl-4-nitroimidazole in eleven organic solvents from T = (283.15 to 318.15) K. <i>Journal of Chemical Thermodynamics</i> , 2017 , 105, 58-70	2.9	33
33	Solubility and solution thermodynamics of 4-hydroxybenzaldehyde in twelve organic solvents from T = (278.15 to 318.15) K. <i>Journal of Molecular Liquids</i> , 2017 , 237, 226-235	6	30
32	Solubility and Dissolution Thermodynamics for 1,3,5-Trichlorobenzene in Organic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 380-390	2.8	26
31	Equilibrium solubility of dinitolmide in several neat solvents and binary aqueous co-solvent mixtures: Experimental determination and thermodynamic analysis. <i>Journal of Chemical Thermodynamics</i> , 2019 , 132, 373-382	2.9	24
30	Solubility measurement and modelling of 1,8-dinitronaphthalene in nine organic solvents from T=(273.15 to 308.15)K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , 2015 , 90, 259-269	2.9	22
29	Solubility determination and thermodynamic modeling of 2,4-dinitroaniline in nine organic solvents from T = (278.15 to 318.15) K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , 2016 , 102, 178-187	2.9	22
28	Solubility of 3-chloro-N-phenylphthalimide in ten organic solvents from T = (288.15 to 323.15) K: Determination and modelling. <i>Journal of Chemical Thermodynamics</i> , 2016 , 96, 187-195	2.9	20
27	Solubility and Solution Thermodynamics of 3-Nitrophthalonitrile in 12 Neat Solvents at Temperatures from 278.15 to 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 3250-3259 ^{2.8}	2.8	20
26	Determination and prediction of solid-liquid phase equilibrium for quaternary system of terephthalic acid+isophthalic acid+phthalic acid+N-methyl-2-pyrrolidone at 303.15K and 313.15K. <i>Fluid Phase Equilibria</i> , 2015 , 397, 103-110	2.5	19
25	Solubility modelling and thermodynamic dissolution functions of phthalimide in ten organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2016 , 94, 160-168	2.9	17

24	Determination and Correlation of Solid-Liquid Phase Equilibrium and Phase Diagram for a Multicomponent System of Mixed Dibasic Acids. Ternary System of Succinic Acid + Adipic Acid + Ethanol. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 2105-2113	2.8	17
23	Determination and thermodynamic modeling of solid-liquid phase equilibrium for 3,5-dichloroaniline in pure solvents and ternary 3,5-dichloroaniline + 1,3,5-trichlorobenzene + toluene system. <i>Journal of Chemical Thermodynamics</i> , 2016 , 98, 288-297	2.9	13
22	Solubility of d-Aspartic Acid in Several Neat Solvents: Determination, Modeling, and Solvent Effect Analysis. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 2904-2910	2.8	12
21	Solubility Study and Mixing Property of 3,5-Dinitro-2-methylbenzoic Acid in 13 Pure Solvents from 288.15 to 333.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 3652-3660	2.8	12
20	Solubility of amiodarone hydrochloride in aqueous co-solvent mixtures revisited: IBKI preferential solvation analysis. <i>Journal of Chemical Thermodynamics</i> , 2017 , 112, 276-282	2.9	11
19	Solubility Measurement and Thermodynamic Model Correlation and Evaluation of 2-Chloro-5-nitroaniline in 12 Pure Solvents. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 1357-1365	2.8	11
18	Solubility and Solution Thermodynamics of 2,6-Dichloro-4-nitroaniline in 12 Pure Solvents at Temperatures from 278.15 to 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 5869-5877	2.8	11
17	Solubility Modeling, Solvent Effect, and Dissolution Properties of 4-Nitrophenylacetic Acid in Thirteen Solvents Ranging from 283.15 to 328.15 K. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 2894-2902	2.8	10
16	Solubility Modeling of 4-(Methylsulfonyl)benzaldehyde in Nine Organic Solvents at Elevated Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1657-1666	2.8	10
15	4-Chloro-2-nitroaniline Solubility in Several Pure Solvents: Determination, Modeling, and Solvent Effect Analysis. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 222-232	2.8	10
14	Solubility determination and thermodynamic dissolution functions of 1,3-diphenylguanidine in nine organic solvents at evaluated temperatures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 99, 86-95	2.9	9
13	Physicochemical properties of switchable-hydrophilicity solvent systems: N,N-Dimethylcyclohexylamine, water and carbon dioxide. <i>Journal of Chemical Thermodynamics</i> , 2019 , 133, 1-9	2.9	7
12	Thermodynamic modelling for solubility of 4-nitrobenzaldehyde in different solvents at temperature range from (273.15 to 313.15) K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , 2017 , 104, 50-60	2.9	7
11	Solubility of Terephthaldialdehyde in N-Methyl-2-pyrrolidone and Solid-Liquid Phase Equilibrium for Ternary Systems of Terephthalic Acid + Terephthaldialdehyde + N,N-Dimethylformamide/N-Methyl-2-pyrrolidone. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 3331-3338	2.8	5
10	Equilibrium Solubility Investigation and Preferential Solvation of 2,6-Dichloro-4-nitroaniline Dissolved in Four Aqueous Mixtures of Isopropanol, Acetonitrile, n-Propanol, and N-Methyl-2-pyrrolidone. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 2912-2920	2.8	4
9	Equilibrium Solubility and Dissolution Property Analysis of 2-Nitrophenylacetic Acid in 13 Pure Solvents at Elevated Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 4157-4165	2.8	4
8	Measurement and Correlation of Solubility of Gatifloxacin in 12 Pure Solvents from 273.15 K to 318.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 676-681	2.8	3
7	Density, viscosity, refractive index and conductivity of switchable hydrophilicity solvent systems: N,N-Dimethylbenzylamine, water and carbon dioxide. <i>Fluid Phase Equilibria</i> , 2018 , 459, 94-102	2.5	3

- 6 Solubility of monobenzene in aqueous co-solvent mixtures of several alcohols: Determination, modelling and thermodynamic aspects analysis. *Journal of Chemical Thermodynamics*, **2020**, 142, 106023^{2.9} 2
- 5 Saturated Solubility of 2-Acrylamide-2-methylpropanesulfonic Acid in 14 Neat Organic Solvents from 283.15 to 328.15 K. *Journal of Chemical & Engineering Data*, **2020**, 65, 4692-4698 2.8 2
- 4 Comment on Density, Sound Speed, and Viscosity of Dihydropyridine Derivatives in Dimethyl Sulfoxide at Different Temperatures *Journal of Chemical & Engineering Data*, **2018**, 63, 3165-3166 2.8
- 3 4,4'-Methylene-bis-(2-chloroaniline) Dissolved in Some Neat Solvents: Saturated Solubility, Mixing Properties, and Solvent Effect. *Journal of Chemical & Engineering Data*, **2020**, 65, 5018-5029 2.8
- 2 Thermodynamic Solubility of Gatifloxacin in Nonaqueous Solvent Mixtures of N,N-Dimethylformamide Plus Isopropanol/Methanol/n-Propanol/Ethanol. *Journal of Chemical & Engineering Data*, **2019**, 64, 6071-6077 2.8
- 1 o-Nitroacetanilide Solubility in Several Aqueous Solutions and Its Mathematical Correlation. *Journal of Chemical & Engineering Data*, **2022**, 67, 786-796 2.8