

Yameng Wan

List of Publications by Year in descending order

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52
papers

710
citations

516561

16
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642610

23
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53
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53
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid-liquid equilibrium of 2,3-dimethoxybenzoic acid in fifteen mono-solvents: Determination, Correlation, Hansen solubility parameter, molecular dynamic simulation and thermodynamic analysis. Journal of Molecular Liquids, 2022, 348, 118029.	2.3	15
2	Assessment of solid-liquid equilibrium behavior of naphazoline nitrate in ten pure solvents by molecular simulation and thermodynamic analysis. Journal of Molecular Liquids, 2022, 349, 118215.	2.3	5
3	Solubility measurement and thermodynamic properties of Nintedanib Esylate Hemihydrate in pure solvents. Journal of Molecular Liquids, 2022, 352, 118624.	2.3	9
4	Investigation on solubility behavior of 2-chloronicotinamide in ten mono-solvents: Measurement, correlation, molecular simulation and thermodynamic analysis. Journal of Molecular Liquids, 2022, 356, 119054.	2.3	4
5	Kojic acid in fourteen mono-solvents: Solubility data, Hansen solubility parameter and thermodynamic properties. Journal of Chemical Thermodynamics, 2021, 152, 106280.	1.0	19
6	Solubility determination, model evaluation, Hansen solubility parameter and thermodynamic properties of benorilate in six pure solvents and two binary solvent mixtures. Journal of Chemical Thermodynamics, 2021, 153, 106301.	1.0	23
7	Solubility measurement, thermodynamic correlation and molecular dynamic simulation of naphazoline hydrochloride in four binary solvents. Journal of Molecular Liquids, 2021, 323, 114632.	2.3	8
8	Solid-liquid phase equilibrium of praziquantel in eleven pure solvents: Determination, model correlation, solvent effect, molecular simulation and thermodynamic analysis. Journal of Chemical Thermodynamics, 2021, 154, 106327.	1.0	7
9	Solid-liquid equilibrium solubility measurement, model evaluation and Hansen solubility parameter of thiamethoxam in three binary solvents. Journal of Chemical Thermodynamics, 2021, 158, 106364.	1.0	2
10	Solid-liquid phase equilibrium of naphazoline hydrochloride in eleven neat solvents: Determination, solvent effect, molecular simulation and thermodynamic analysis. Journal of Molecular Liquids, 2021, 325, 114748.	2.3	11
11	Solubility determination and thermodynamic modelling of 5-chloro-8-hydroxyquinoline in binary solvent mixtures from $T_A=278.15$ to 323.15 K. Journal of Chemical Thermodynamics, 2021, 154, 106315.	1.0	6
12	Solubility determination, model evaluation, Hansen solubility parameter and thermodynamic properties of benflumetol in pure alcohol and ester solvents. Journal of Chemical Thermodynamics, 2021, 154, 106323.	1.0	7
13	Solubility of melatonin in ethyl acetate (N, N-dimethylformamide, 2-methoxyethanol, 2-ethoxyethanol) Tj ETQq1 1 0.784314 rgBT parameter at saturation. Journal of Chemical Thermodynamics, 2021, 156, 106372.	1.0	6
14	Solubility determination, model evaluation, Hansen solubility parameter and thermodynamic properties of N-hydroxyphthalimide in eleven neat solvents. Journal of Molecular Liquids, 2021, 325, 114677.	2.3	11
15	Determination and modelling of density, viscosity and solubility of (R)-(-)-phenylephrine hydrochloride in methanol + ethyl acetate at (278.15–323.15) K and 0.1 MPa. Journal of Molecular Liquids, 2021, 321, 114311.	2.3	3
16	Equilibrium solubility of kojic acid in four binary solvents: Determination, model evaluation, Hansen solubility parameter, thermodynamic properties and quantum chemical calculations. Journal of Molecular Liquids, 2021, 325, 114796.	2.3	6
17	Solid-liquid phase equilibrium of busulfan in fifteen pure solvents: Solubility determination, solvent effect, model correlation and thermodynamic analysis. Journal of Chemical Thermodynamics, 2021, 154, 106328.	1.0	5
18	Uridine in twelve pure solvents: Equilibrium solubility, thermodynamic analysis and molecular simulation. Journal of Molecular Liquids, 2021, 330, 115663.	2.3	7

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19	Solid-liquid phase equilibrium of nimesulide (Form I) in twelve mono-solvents: Solubility determination, molecular dynamic simulation, solvent effect, model correlation and thermodynamic analysis. <i>Journal of Molecular Liquids</i> , 2021, 330, 115480.	2.3	13
20	Solubility determination, model evaluation, Hansen solubility parameter, molecular simulation and thermodynamic properties of benflumetol in four binary solvent mixtures from 278.15 K to 323.15 K. <i>Journal of Molecular Liquids</i> , 2021, 333, 115867.	2.3	17
21	Solubility determination, model correlation, solvent effect, molecular simulation and thermodynamic properties of flutamide in eleven pure solvents at different temperatures. <i>Journal of Molecular Liquids</i> , 2021, 336, 115559.	2.3	12
22	Thermodynamic analysis and molecular simulation of solid-liquid phase equilibrium of isoprenaline hydrochloride in eleven pure solvents at saturation. <i>Journal of Chemical Thermodynamics</i> , 2021, 160, 106411.	1.0	4
23	Solubility measurement, molecular simulation and thermodynamic analysis of guanidine hydrochloride in eleven neat solvents. <i>Journal of Molecular Liquids</i> , 2021, 339, 116468.	2.3	7
24	Equilibrium solubility, inter- and intra-molecular interactions and solvation performance of flutamide in some aqueous blended co-solvents. <i>Journal of Chemical Thermodynamics</i> , 2021, 163, 106611.	1.0	1
25	Solid-liquid phase equilibrium of Nintedanib in ten pure solvents: Determination, thermodynamic analysis, model correlation and molecular simulation. <i>Journal of Chemical Thermodynamics</i> , 2021, 163, 106595.	1.0	5
26	Solubility Measurement and Correlation of the Insecticide Thiamethoxam in Six Monosolvents and Two Binary Solvent Mixtures at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 466-479.	1.0	5
27	Solid-liquid equilibrium solubility and thermodynamic properties of cis-5-norbornene-endo-2,3-dicarboxylic anhydride in fourteen pure solvents and three binary solvents at various temperatures. <i>Journal of Molecular Liquids</i> , 2020, 297, 111396.	2.3	24
28	Solid-liquid equilibrium solubility, thermodynamic properties and molecular simulation of cis-5-norbornene-exo-2,3-dicarboxylic anhydride in thirteen pure solvents at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2020, 141, 105967.	1.0	6
29	Solid-liquid equilibrium solubility, thermodynamic properties, solvent effect and molecular simulation of (R)-(α)-phenylephrine hydrochloride in ten pure solvents ranged from 278.15 K to 323.15 K. <i>Journal of Chemical Thermodynamics</i> , 2020, 144, 105959.	1.0	19
30	Solubility and thermodynamic modeling of cis-5-norbornene-exo-2,3-dicarboxylic anhydride in three binary solvents (1,4-dioxane, DMF, NMP+Ethanol) from 278.15 K to 323.15 K. <i>Journal of Molecular Liquids</i> , 2020, 297, 111755.	2.3	9
31	Solubility modeling, mixing properties and solvent effect of 5-norbornene-2,3-dicarboximide in eleven pure solvents at various temperatures. <i>Fluid Phase Equilibria</i> , 2020, 512, 112301.	1.4	21
32	Solubility, thermodynamic modeling and Hansen solubility parameter of 5-norbornene-2,3-dicarboximide in three binary solvents (methanol, ethanol, ethyl acetate + DMF) from 278.15 K to 323.15 K. <i>Journal of Molecular Liquids</i> , 2020, 300, 112097.	2.3	55
33	Equilibrium solubility, thermodynamic properties and Hansen solubility parameter of doxifluridine in (Δ)-2-ethyl-1-hexanol (methanol, ethanol and acetone) at various temperatures. <i>Journal of Molecular Liquids</i> , 2020, 319, 114130.	2.3	18
34	Solubility measurement, model evaluation and Hansen solubility parameter of piperonylonitrile in four binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2020, 151, 106249.	1.0	9
35	Solubility measurement, solubility behavior analysis and thermodynamic modelling of melatonin in twelve pure solvents from 278.15 K to 323.15 K. <i>Journal of Molecular Liquids</i> , 2020, 319, 114139.	2.3	32
36	Solubility modeling, solvent effect and mixing properties of 5-chloro-8-hydroxyquinoline (Form I) in twelve pure solvents at various temperatures. <i>Journal of Molecular Liquids</i> , 2020, 308, 112988.	2.3	13

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37	Piperonylnitrile solubility in thirteen pure solvents: Determination, Correlation, Hansen solubility parameter, solvent effect and thermodynamic analysis. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106191.	1.0	12
38	Equilibrium solubility, thermodynamic properties and Hansen solubility parameter of N-hydroxy-5-norbornene-2,3-dicarboximide in ethyl acetate (2-methoxyethanol, methanol and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	10
39	Solubility measurement, model evaluation and molecular simulations of (R)-(-)-phenylephrine hydrochloride in three binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106168.	1.0	5
40	Solubility of Zaltoprofen in Five Binary Solvents at Various Temperatures: Data Determination and Thermodynamic Modeling. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 2053-2067.	1.0	7
41	The dissolution behaviour and apparent thermodynamic analysis of doxifluridine in twelve pure solvents at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2020, 144, 106073.	1.0	35
42	Thermodynamic modelling and Hansen solubility parameter of N-hydroxy-5-norbornene-2,3-dicarboximide in twelve pure solvents at various temperatures. <i>Journal of Molecular Liquids</i> , 2020, 300, 112203.	2.3	16
43	Solid-liquid phase equilibrium of phenylphosphonic acid in three binary solvents: Determination, correlation and molecular simulation. <i>Journal of Molecular Liquids</i> , 2020, 307, 112936.	2.3	13
44	Thermodynamic studies of thiamethoxam in nine pure solvents and one mixed solvent, solubility and correlation ranged from 278.15 to 323.15ÅK. <i>Journal of Chemical Thermodynamics</i> , 2020, 146, 106116.	1.0	27
45	Equilibrium solubility of exo-5,6-dehydronorcantharidin in thirteen pure solvents: Determination, correlation, Hansen solubility parameter and thermodynamic properties. <i>Journal of Molecular Liquids</i> , 2020, 312, 113384.	2.3	11
46	Solubility and mixing thermodynamic properties of levamisole hydrochloride in twelve pure solvents at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2019, 139, 105882.	1.0	25
47	Measurement and modeling correlation of capecitabine solubility in n-hexane+ethyl acetate and n-heptane+ethyl acetate at various temperatures. <i>Journal of Molecular Liquids</i> , 2019, 295, 111716.	2.3	27
48	Erratum to "Thermodynamic analysis and correlation of cyromazine in three (acetic acid, propanoic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 158-169]. <i>Journal of Molecular Liquids</i> , 2019, 296, 111779.	2.3	0
49	Apparent thermodynamic analysis and the dissolution behavior of levamisole hydrochloride in three binary solvent mixtures. <i>Thermochimica Acta</i> , 2019, 681, 178375.	1.2	17
50	Solid-Liquid Equilibrium Solubility, Thermodynamic Properties, and Molecular Simulation of Phenylphosphonic Acid in 15 Pure Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 5142-5159.	1.0	18
51	Measurement and Correlation of the Solubility of Florfenicol Form A in Several Pure and Binary Solvents. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 2046-2055.	1.0	35
52	Thermodynamic analysis and correlation of cyromazine in three (acetic acid, propanoic acid or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 272, 158-169.	2.3	36