

# Yameng Wan

## List of Publications by Year in descending order

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52  
papers

710  
citations

516561

16  
h-index

642610

23  
g-index

53  
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53  
docs citations

53  
times ranked

208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubility, thermodynamic modeling and Hansen solubility parameter of 5-norbornene-2,3-dicarboximide in three binary solvents (methanol, ethanol, ethyl acetate + DMF) from 278.15ÅK to 323.15ÅK. Journal of Molecular Liquids, 2020, 300, 112097.	2.3	55
2	Thermodynamic analysis and correlation of cyromazine in three (acetic acid, propanoic acid or Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70) 272, 158-169.	2.3	36
3	Measurement and Correlation of the Solubility of Florfenicol Form A in Several Pure and Binary Solvents. Journal of Chemical & Engineering Data, 2018, 63, 2046-2055.	1.0	35
4	The dissolution behaviour and apparent thermodynamic analysis of doxifluridine in twelve pure solvents at various temperatures. Journal of Chemical Thermodynamics, 2020, 144, 106073.	1.0	35
5	Solubility measurement, solubility behavior analysis and thermodynamic modelling of melatonin in twelve pure solvents from 278.15ÅK to 323.15 K. Journal of Molecular Liquids, 2020, 319, 114139.	2.3	32
6	Measurement and modeling correlation of capecitabine solubility in n-hexane+ethyl acetate and n-heptane+ethyl acetate at various temperatures. Journal of Molecular Liquids, 2019, 295, 111716.	2.3	27
7	Thermodynamic studies of thiamethoxam in nine pure solvents and one mixed solvent, solubility and correlation ranged from 278.15 to 323.15ÅK. Journal of Chemical Thermodynamics, 2020, 146, 106116.	1.0	27
8	Solubility and mixing thermodynamic properties of levamisole hydrochloride in twelve pure solvents at various temperatures. Journal of Chemical Thermodynamics, 2019, 139, 105882.	1.0	25
9	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. Journal of Molecular Liquids, 2020, 297, 111396.	2.3	24
10	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
11	Solubility modeling, mixing properties and solvent effect of 5-norbornene-2,3-dicarboximide in eleven pure solvents at various temperatures. Fluid Phase Equilibria, 2020, 512, 112301.	1.4	21
12	Solid-liquid equilibrium solubility, thermodynamic properties, solvent effect and molecular simulation of (R)-( $\hat{\alpha}$ )-phenylephrine hydrochloride in ten pure solvents ranged from 278.15ÅK to 323.15ÅK. Journal of Chemical Thermodynamics, 2020, 144, 105959.	1.0	19
13	Kojic acid in fourteen mono-solvents: Solubility data, Hansen solubility parameter and thermodynamic properties. Journal of Chemical Thermodynamics, 2021, 152, 106280.	1.0	19
14	Solid-Liquid Equilibrium Solubility, Thermodynamic Properties, and Molecular Simulation of Phenylphosphonic Acid in 15 Pure Solvents at Different Temperatures. Journal of Chemical & Engineering Data, 2019, 64, 5142-5159.	1.0	18
15	Equilibrium solubility, thermodynamic properties and Hansen solubility parameter of doxifluridine in (Å±)-2-ethyl-1-hexanol+ (methanol, ethanol and acetone) at various temperatures. Journal of Molecular Liquids, 2020, 319, 114130.	2.3	18
16	Apparent thermodynamic analysis and the dissolution behavior of levamisole hydrochloride in three binary solvent mixtures. Thermochimica Acta, 2019, 681, 178375.	1.2	17
17	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. Journal of Molecular Liquids, 2021, 333, 115867.	2.3	17
18	Thermodynamic modelling and Hansen solubility parameter of N-hydroxy-5-norbornene-2,3-dicarboximide in twelve pure solvents at various temperatures. Journal of Molecular Liquids, 2020, 300, 112203.	2.3	16

#	ARTICLE	IF	CITATIONS
19	Solid-liquid equilibrium of 2,3-dimethoxybenzoic acid in fifteen mono-solvents: Determination, Correlation, Hansen solubility parameter, molecular dynamic simulation and thermodynamic analysis. <i>Journal of Molecular Liquids</i> , 2022, 348, 118029.	2.3	15
20	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
21	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
22	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
23	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
24	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
25	Solid-liquid phase equilibrium of naphazoline hydrochloride in eleven neat solvents: Determination, solvent effect, molecular simulation and thermodynamic analysis. <i>Journal of Molecular Liquids</i> , 2021, 325, 114748.	2.3	11
26	Solubility determination, model evaluation, Hansen solubility parameter and thermodynamic properties of N-hydroxyphthalimide in eleven neat solvents. <i>Journal of Molecular Liquids</i> , 2021, 325, 114677.	2.3	11
27	Equilibrium solubility of <i>exo</i> -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
28	Solubility and thermodynamic modeling of <i>cis</i> -5-norbornene- <i>exo</i> -2,3-dicarboxylic anhydride in three binary solvents (1,4-dioxane, DMF, NMP+Ethanol) from 278.15ÅK to 323.15ÅK. <i>Journal of Molecular Liquids</i> , 2020, 297, 111755.	2.3	9
29	Solubility measurement, model evaluation and Hansen solubility parameter of piperonylnitrile in four binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2020, 151, 106249.	1.0	9
30	Solubility measurement and thermodynamic properties of Nintedanib Esylate Hemihydrate in pure solvents. <i>Journal of Molecular Liquids</i> , 2022, 352, 118624.	2.3	9
31	Solubility measurement, thermodynamic correlation and molecular dynamic simulation of naphazoline hydrochloride in four binary solvents. <i>Journal of Molecular Liquids</i> , 2021, 323, 114632.	2.3	8
32	Solubility of Zaltoprofen in Five Binary Solvents at Various Temperatures: Data Determination and Thermodynamic Modeling. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 2053-2067.	1.0	7
33	Solid-liquid phase equilibrium of praziquantel in eleven pure solvents: Determination, model correlation, solvent effect, molecular simulation and thermodynamic analysis. <i>Journal of Chemical Thermodynamics</i> , 2021, 154, 106327.	1.0	7
34	Solubility determination, model evaluation, Hansen solubility parameter and thermodynamic properties of benflumetol in pure alcohol and ester solvents. <i>Journal of Chemical Thermodynamics</i> , 2021, 154, 106323.	1.0	7
35	Uridine in twelve pure solvents: Equilibrium solubility, thermodynamic analysis and molecular simulation. <i>Journal of Molecular Liquids</i> , 2021, 330, 115663.	2.3	7
36	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

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37	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. Journal of Chemical Thermodynamics, 2020, 141, 105967.	1.0	6
38	Solubility determination and thermodynamic modelling of 5-chloro-8-hydroxyquinoline in binary solvent mixtures from T=278.15 to 323.15 K. Journal of Chemical Thermodynamics, 2021, 154, 106315.	1.0	6
39	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
40	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
41	Solubility measurement, model evaluation and molecular simulations of (R)-(-)-phenylephrine hydrochloride in three binary solvents. Journal of Chemical Thermodynamics, 2020, 150, 106168.	1.0	5
42	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
43	Solid-liquid phase equilibrium of Nintedanib in ten pure solvents: Determination, thermodynamic analysis, model correlation and molecular simulation. Journal of Chemical Thermodynamics, 2021, 163, 106595.	1.0	5
44	Solubility Measurement and Correlation of the Insecticide Thiamethoxam in Six Monosolvents and Two Binary Solvent Mixtures at Different Temperatures. Journal of Chemical & Engineering Data, 2021, 66, 466-479.	1.0	5
45	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
46	Thermodynamic analysis and molecular simulation of solid-liquid phase equilibrium of isoprenaline hydrochloride in eleven pure solvents at saturation. Journal of Chemical Thermodynamics, 2021, 160, 106411.	1.0	4
47	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
48	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
49	Equilibrium solubility, thermodynamic properties and Hansen solubility parameter of N-hydroxy-5-norbornene-2,3-dicarboximide in ethyl acetate + (2-methoxyethanol, methanol and) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	4
50	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
51	Equilibrium solubility, inter- and intra-molecular interactions and solvation performance of flutamide in some aqueous blended co-solvents. Journal of Chemical Thermodynamics, 2021, 163, 106611.	1.0	1
52	Erratum to "Thermodynamic analysis and correlation of cyromazine in three (acetic acid, propanoic) Tj ETQq0 0 0 rgBT /Overlock 10 158-169]. Journal of Molecular Liquids, 2019, 296, 111779.	2.3	0