Weidong Yan

List of Publications by Year in Descending Order

51 papers	702 citations	14 h-index	24 g-index
52 ext. papers	796 ext. citations	2.9 avg, IF	4.37 L-index

#	Paper	IF	Citations
51	Quantitative Polyunsaturated Fatty Acid Analysis of Chia Seed Oil by High-Performance Liquid Chromatography. *Journal of Chromatographic Science*, **2021**, 59, 120-127	1.4	3
50	Synthesis, Stability, and Antidiabetic Activity Evaluation of (-)-Epigallocatechin Gallate (EGCG) Palmitate Derived from Natural Tea Polyphenols. *Molecules*, **2021**, 26,	4.8	9
49	Authentication of the Bilberry Extracts by an HPLC Fingerprint Method Combining Reference Standard Extracts. *Molecules*, **2020**, 25,	4.8	7
48	Investigation of solid□liquid equilibrium of stevioside in different pure and binary mix solvents at various temperatures. *Canadian Journal of Chemistry*, **2019**, 97, 815-823	0.9	
47	Solubility Determination and Modeling of EGCG Peracetate in 12 Pure Solvents at Temperatures from 278.15 to 318.15 K. *Journal of Chemical & Engineering Data*, **2019**, 64, 5218-5224	2.8	12
46	Lipophilization of EGCG and effects on antioxidant activities. *Food Chemistry*, **2019**, 272, 663-669	8.5	31
45	Solid□liquid Equilibrium of Rebaudioside A in Pure and Binary Mixed Solvents at T = (288.15 to 328.15) K. *Journal of Chemical & Engineering Data*, **2018**, 63, 4269-4276	2.8	3
44	Solubilities of 4?,5,7-Triacetoxyflavanone in Fourteen Organic Solvents at Different Temperatures. *Journal of Chemical & Engineering Data*, **2017**, 62, 568-574	2.8	4
43	Volumetric Properties, Viscosity, and Refractive Indices of Different Naringenin Solutions at Several Temperatures. *Journal of Chemical & Engineering Data*, **2017**, 62, 3229-3240	2.8	2
42	Measurement and Correlation of Solubility of Theobromine, Theophylline, and Caffeine in Water and Organic Solvents at Various Temperatures. *Journal of Chemical & Engineering Data*, **2017**, 62, 2570-2577	2.8	28
41	Simultaneous determination of chlorogenic acids in green coffee bean extracts with effective relative response factors. *International Journal of Food Properties*, **2017**, 20, 2028-2040	3	12
40	Solubilities of Three Flavonoids in Different Natural Deep Eutectic Solvents at T = (288.15 to 328.15) K. *Journal of Chemical & Engineering Data*, **2016**, 61, 4203-4208	2.8	18
39	Solubilities of Naringin Dihydrochalcone in Pure Solvents and Mixed Solvents at Different Temperatures. *Journal of Chemical & Engineering Data*, **2016**, 61, 4085-4089	2.8	8
38	Rh(III)-catalyzed double molecular alkyne imine C□H activation: a facile and efficient synthesis of functionalized acridine compounds. *Tetrahedron Letters*, **2016**, 57, 2905-2909	2	5
37	A feasible scaling-up separation of platycosides from Platycodi Radix: From analytical to semi-preparative high performance liquid chromatography coupling with a post-separation flash freezing treatment to obtain highly unstable components. *Separation and Purification Technology*,	8.3	4
36	Volumetric Properties and Viscosity B-Coefficients for the Ternary Systems Epigallocatechin Gallate + MCl + H2O (M = Li, Na, K) at Temperatures 288.15□308.15 K. *Journal of Chemical & Engineering Data*, **2016**, 61, 1777-1792	2.8	1
35	Modified Method for Measuring the Solubility of Pharmaceutical Compounds in Organic Solvents by Visual Camera. *Journal of Chemical & Engineering Data*, **2016**, 61, 35-40	2.8	7

34	Structural stability of acetyl saponins in different solvents and separation materials. *Phytochemistry Letters*, **2015**, 11, 368-372	1.9	5
33	Thermodynamic properties of betulinic acid in THF+water mixed solvents at different temperatures. *Thermochimica Acta*, **2014**, 598, 1-6	2.9	4
32	Solubilities of Betulinic Acid in Thirteen Organic Solvents at Different Temperatures. *Journal of Chemical & Engineering Data*, **2011**, 56, 4587-4591	2.8	51
31	Excess Molar Enthalpies of Methyl Acetoacetate + (Methanol, + Ethanol, + 1-Propanol, and + 2-Propanol) at T = (288.2, 298.2, 313.2, and 328.2) K and p = 101.3 kPa. *Journal of Chemical & Engineering Data*, **2011**, 56, 2739-2742	2.8	2
30	Solubilities of Phloretin in 12 Solvents at Different Temperatures. *Journal of Chemical & Engineering Data*, **2011**, 56, 1459-1462	2.8	8
29	Measurement and correlation of solubilities of apigenin and apigenin 7-O-rhamnosylglucoside in seven solvents at different temperatures. *Journal of Chemical Thermodynamics*, **2011**, 43, 240-243	2.9	66
28	Solubility of Luteolin in Ethanol + Water Mixed Solvents at Different Temperatures. *Journal of Chemical & Engineering Data*, **2010**, 55, 583-585	2.8	23
27	Solubilities of Apigenin in Ethanol + Water at Different Temperatures. *Journal of Chemical & Engineering Data*, **2010**, 55, 3346-3348	2.8	12
26	Excess Molar Enthalpies of Diethyl Malonate + (Methanol, + Ethanol, + 1-Propanol, and + 2-Propanol) at T = (288.2, 298.2, 313.2, and 328.2) K and p = 101.3 kPa. *Journal of Chemical & Engineering Data*, **2010**, 55, 381-384	2.8	5
25	Excess Molar Volumes of 1,3-Diethyl Propanedioate with Methanol, Ethanol, Propan-1-ol, Propan-2-ol, Butan-2-ol, 2-Methyl-propan-1-ol, and Pentan-1-ol at T = (288.15, 298.15, 313.15, and 328.15) K. *Journal of Chemical & Engineering Data*, **2010**, 55, 4029-4032	2.8	7
24	Excess molar enthalpies of diethyl malonate+ (1-butanol, 2-methyl-1-propanol, 1-pentanol, n-heptane, and ethyl acetate) at T= (288.2, 298.2, 313.2, 328.2, 338.2, and 348.2K) and p=101.3kPa. *Fluid Phase Equilibria*, **2010**, 291, 8-12	2.5	14
23	Synthesis of Betulin-3-yl-Đ-Glucopyranoside. *Journal of Carbohydrate Chemistry*, **2009**, 28, 234-243	1.7	6
22	Excess Molar Enthalpies of Five Binary Systems Containing Ethyl Acetoacetate at Different Temperatures. *Journal of Chemical & Engineering Data*, **2009**, 54, 1308-1310	2.8	3
21	Solubility of Rutin in Ethanol + Water at (273.15 to 323.15) K. *Journal of Chemical & Engineering Data*, **2009**, 54, 1378-1381	2.8	18
20	Excess Enthalpies of 2,4-Pentanedione + (Methanol, + Ethanol, + 1-Propanol, and + 2-Propanol) at T = (298.15, 313.15, and 328.15) K and p = (0.1 and 10.0) MPa. *Journal of Chemical & Engineering Data*, **2008**, 53, 194-198	2.8	5
19	Measurement and Correlation of Solubilities of trans-Resveratrol in Ethanol + Water and Acetone + Water Mixed Solvents at Different Temperatures. *Journal of Chemical & Engineering Data*, **2008**, 53, 2562-2566	2.8	21
18	Excess Molar Enthalpies of Acetophenone + (Methanol, + Ethanol, + 1-Propanol, and + 2-Propanol) at Different Temperatures and Pressures. *Journal of Chemical & Engineering Data*, **2008**, 53, 551-555	2.8	11
17	Excess Molar Enthalpies of N,N-Dimethylethanolamine with (Methanol, Ethanol, 1-Propanol, and 2-Propanol) at T = (298.2, 313.2, and 328.2) K and p = (0.1 and 10.0) MPa. *Journal of Chemical & Engineering Data*, **2008**, 53, 1927-1931	2.8	2

16	Determination and Correlation of Excess Molar Enthalpies of Eight Binary Systems Containing Acetophenone at Different Temperatures. *Journal of Chemical & Engineering Data*, **2008**, 53, 1630-1634	2.8	10
15	Determination and correlation of molar excess enthalpies of binary systems 2,4-pentanedione + (1-butanol, + 2-methyl-1-propanol, + 1-pentanol, + 1-heptane, + ethyl acetate, and + water). *Fluid Phase Equilibria*, **2008**, 265, 37-45	2.5	9
14	Solubilities of betulin in chloroform+methanol mixed solvents at T=(278.2, 288.2, 293.2, 298.2, 308.2 and 313.2) K. *Fluid Phase Equilibria*, **2008**, 267, 79-82	2.5	14
13	Experimental Determination of Solubilities of Betulin in Acetone + Water and Ethanol + Water Mixed Solvents at T = (278.2, 288.2, 298.2, 308.2, and 318.2) K. *Journal of Chemical & Engineering Data*, **2007**, 52, 2365-2367	2.8	5
12	Enthalpies of dilution of formamide in aqueous alcohol solutions at 298.15 K. *Thermochimica Acta*, **2007**, 466, 35-37	2.9	6
11	Simultaneous determination of betulin and betulinic acid in white birch bark using RP-HPLC. *Journal of Pharmaceutical and Biomedical Analysis*, **2007**, 43, 959-62	3.5	94
10	Solubilities of Betulin in Fourteen Organic Solvents at Different Temperatures. *Journal of Chemical & Engineering Data*, **2007**, 52, 1366-1368	2.8	31
9	Measurement and Correlation of Solubilities of Luteolin in Organic Solvents at Different Temperatures. *Journal of Chemical & Engineering Data*, **2006**, 51, 2038-2040	2.8	20
8	Excess Molar Enthalpies of Methyl Acetate and (1-Propanol, 2-Propanol, 1-Butanol, 2-Butanol, and 1-Pentanol) at T = (298.15 and 308.15) K and P = (5.0 and 10.0) MPa. *Journal of Chemical & Engineering Data*, **2005**, 50, 1907-1910	2.8	2
7	Excess Molar Enthalpies of Dimethyl Carbonate and (Methanol, Ethanol, 1-Propanol, and 2-Propanol) atT= (298.15, 313.15, and 328.15) K andp= (0.1, 1.0, and 10.0) MPa. *Journal of Chemical & Engineering Data*, **2005**, 50, 1087-1090	2.8	13
6	Molar excess enthalpies of ethyl acetate+alkanols at T=298.15K, p=10.0MPa. *Thermochimica Acta*, **2005**, 429, 155-161	2.9	29
5	Solubility and density of the disodium salt hemiheptahydrate of ceftriaxone in (acetone + water) at T=(298.15,308.15,and318.15) K. *Journal of Chemical Thermodynamics*, **2004**, 36, 155-159	2.9	12
4	Thermodynamic Properties of the Ternary System Potassium Bromide + Lithium Bromide + Water at 25°C. *Journal of Solution Chemistry*, **2001**, 30, 193-200	1.8	7
3	Measurement and Correlation of Isobaric Vapor–liquid Equilibrium Data for the System Acetone + Methanol + Zinc Chloride. *Journal of Chemical & Engineering Data*, **1999**, 44, 314-318	2.8	15
2	Isothermal Vapor–liquid Equilibrium Data for the Acetone + Methanol + Lithium Nitrate System. *Journal of Chemical & Engineering Data*, **1998**, 43, 482-485	2.8	6
1	Measurement and Correlation of Isothermal Vapor–liquid Equilibrium Data for the System Acetone + Methanol + Lithium Bromide. *Journal of Chemical & Engineering Data*, **1998**, 43, 585-589	2.8	12