

Weidong Yan

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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 | Simultaneous determination of betulin and betulinic acid in white birch bark using RP-HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 43, 959-62 | 3.5 | 94 |
| 50 | Measurement and correlation of solubilities of apigenin and apigenin 7-O-rhamnosylglucoside in seven solvents at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2011 , 43, 240-243 | 2.9 | 66 |
| 49 | Solubilities of Betulinic Acid in Thirteen Organic Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4587-4591 | 2.8 | 51 |
| 48 | Solubilities of Betulin in Fourteen Organic Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 1366-1368 | 2.8 | 31 |
| 47 | Lipophilization of EGCG and effects on antioxidant activities. <i>Food Chemistry</i> , 2019 , 272, 663-669 | 8.5 | 31 |
| 46 | Molar excess enthalpies of ethyl acetate+alkanols at T=298.15K, p=10.0MPa. <i>Thermochimica Acta</i> , 2005 , 429, 155-161 | 2.9 | 29 |
| 45 | Measurement and Correlation of Solubility of Theobromine, Theophylline, and Caffeine in Water and Organic Solvents at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 2570-2577 | 2.8 | 28 |
| 44 | Solubility of Luteolin in Ethanol + Water Mixed Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 583-585 | 2.8 | 23 |
| 43 | Measurement and Correlation of Solubilities of trans-Resveratrol in Ethanol + Water and Acetone + Water Mixed Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2562-2566 | 2.8 | 21 |
| 42 | Measurement and Correlation of Solubilities of Luteolin in Organic Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 2038-2040 | 2.8 | 20 |
| 41 | Solubilities of Three Flavonoids in Different Natural Deep Eutectic Solvents at T = (288.15 to 328.15) K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 4203-4208 | 2.8 | 18 |
| 40 | Solubility of Rutin in Ethanol + Water at (273.15 to 323.15) K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1378-1381 | 2.8 | 18 |
| 39 | Measurement and Correlation of Isobaric Vapor-Liquid Equilibrium Data for the System Acetone + Methanol + Zinc Chloride. <i>Journal of Chemical & Engineering Data</i> , 1999 , 44, 314-318 | 2.8 | 15 |
| 38 | 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. <i>Fluid Phase Equilibria</i> , 2010 , 291, 8-12 | 2.5 | 14 |
| 37 | Solubilities of betulin in chloroform+methanol mixed solvents at T=(278.2, 288.2, 293.2, 298.2, 308.2 and 313.2) K. <i>Fluid Phase Equilibria</i> , 2008 , 267, 79-82 | 2.5 | 14 |
| 36 | Excess Molar Enthalpies of Dimethyl Carbonate and (Methanol, Ethanol, 1-Propanol, and 2-Propanol) at T= (298.15, 313.15, and 328.15) K and p= (0.1, 1.0, and 10.0) MPa. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1087-1090 | 2.8 | 13 |
| 35 | Solubility Determination and Modeling of EGCG Peracetate in 12 Pure Solvents at Temperatures from 278.15 to 318.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 5218-5224 | 2.8 | 12 |

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| 34 | Simultaneous determination of chlorogenic acids in green coffee bean extracts with effective relative response factors. <i>International Journal of Food Properties</i> , 2017 , 20, 2028-2040 | 3 | 12 |
| 33 | Solubilities of Apigenin in Ethanol + Water at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 3346-3348 | 2.8 | 12 |
| 32 | Solubility and density of the disodium salt hemiheptahydrate of ceftriaxone in (acetone + water) at T=(298.15,308.15,and318.15) K. <i>Journal of Chemical Thermodynamics</i> , 2004 , 36, 155-159 | 2.9 | 12 |
| 31 | Measurement and Correlation of Isothermal Vapor-Liquid Equilibrium Data for the System Acetone + Methanol + Lithium Bromide. <i>Journal of Chemical & Engineering Data</i> , 1998 , 43, 585-589 | 2.8 | 12 |
| 30 | Excess Molar Enthalpies of Acetophenone + (Methanol, + Ethanol, + 1-Propanol, and + 2-Propanol) at Different Temperatures and Pressures. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 551-555 | 2.8 | 11 |
| 29 | Determination and Correlation of Excess Molar Enthalpies of Eight Binary Systems Containing Acetophenone at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1630-1634 | 2.8 | 10 |
| 28 | 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). <i>Fluid Phase Equilibria</i> , 2008 , 265, 37-45 | 2.5 | 9 |
| 27 | Synthesis, Stability, and Antidiabetic Activity Evaluation of (-)-Epigallocatechin Gallate (EGCG) Palmitate Derived from Natural Tea Polyphenols. <i>Molecules</i> , 2021 , 26, | 4.8 | 9 |
| 26 | Solubilities of Naringin Dihydrochalcone in Pure Solvents and Mixed Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 4085-4089 | 2.8 | 8 |
| 25 | Solubilities of Phloretin in 12 Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 1459-1462 | 2.8 | 8 |
| 24 | Authentication of the Bilberry Extracts by an HPLC Fingerprint Method Combining Reference Standard Extracts. <i>Molecules</i> , 2020 , 25, | 4.8 | 7 |
| 23 | Modified Method for Measuring the Solubility of Pharmaceutical Compounds in Organic Solvents by Visual Camera. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 35-40 | 2.8 | 7 |
| 22 | 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. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 4029-4032 | 2.8 | 7 |
| 21 | Thermodynamic Properties of the Ternary System Potassium Bromide + Lithium Bromide + Water at 25°C. <i>Journal of Solution Chemistry</i> , 2001 , 30, 193-200 | 1.8 | 7 |
| 20 | Synthesis of Betulin-3-yl- β -D-Glucopyranoside. <i>Journal of Carbohydrate Chemistry</i> , 2009 , 28, 234-243 | 1.7 | 6 |
| 19 | Enthalpies of dilution of formamide in aqueous alcohol solutions at 298.15 K. <i>Thermochimica Acta</i> , 2007 , 466, 35-37 | 2.9 | 6 |
| 18 | Isothermal Vapor-Liquid Equilibrium Data for the Acetone + Methanol + Lithium Nitrate System. <i>Journal of Chemical & Engineering Data</i> , 1998 , 43, 482-485 | 2.8 | 6 |
| 17 | Structural stability of acetyl saponins in different solvents and separation materials. <i>Phytochemistry Letters</i> , 2015 , 11, 368-372 | 1.9 | 5 |

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| 16 | Rh(III)-catalyzed double molecular alkyne imine C ₃ H activation: a facile and efficient synthesis of functionalized acridine compounds. <i>Tetrahedron Letters</i> , 2016 , 57, 2905-2909 | 2 | 5 |
| 15 | 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. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 381-384 | 2.8 | 5 |
| 14 | 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. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 194-198 | 2.8 | 5 |
| 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. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 2365-2367 | 2.8 | 5 |
| 12 | Solubilities of 4?,5,7-Triacetoxyflavanone in Fourteen Organic Solvents at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 568-574 | 2.8 | 4 |
| 11 | 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. <i>Separation and Purification Technology</i> , 2016 , 167, 171-180 | 8.3 | 4 |
| 10 | Thermodynamic properties of betulinic acid in THF+water mixed solvents at different temperatures. <i>Thermochimica Acta</i> , 2014 , 598, 1-6 | 2.9 | 4 |
| 9 | Excess Molar Enthalpies of Five Binary Systems Containing Ethyl Acetoacetate at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1308-1310 | 2.8 | 3 |
| 8 | Quantitative Polyunsaturated Fatty Acid Analysis of Chia Seed Oil by High-Performance Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2021 , 59, 120-127 | 1.4 | 3 |
| 7 | Solid-Liquid Equilibrium of Rebaudioside A in Pure and Binary Mixed Solvents at T = (288.15 to 328.15) K. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 4269-4276 | 2.8 | 3 |
| 6 | Volumetric Properties, Viscosity, and Refractive Indices of Different Naringenin Solutions at Several Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 3229-3240 | 2.8 | 2 |
| 5 | 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. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2739-2742 | 2.8 | 2 |
| 4 | 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. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1927-1931 | 2.8 | 2 |
| 3 | 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. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1907-1910 | 2.8 | 2 |
| 2 | Volumetric Properties and Viscosity B-Coefficients for the Ternary Systems Epigallocatechin Gallate + MCl + H ₂ O (M = Li, Na, K) at Temperatures 288.15-308.15 K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1777-1792 | 2.8 | 1 |
| 1 | Investigation of solid-liquid equilibrium of stevioside in different pure and binary mix solvents at various temperatures. <i>Canadian Journal of Chemistry</i> , 2019 , 97, 815-823 | 0.9 | |