

# Zhao Hongkun

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

200  
papers

1,995  
citations

22  
h-index

34  
g-index

206  
ext. papers

2,492  
ext. citations

3.2  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
200	Solubility, solvation analysis and enthalpy-Entropy compensation of musk ketone in some cosolvent solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2022</b> , 168, 106727	2.9	1
199	Comprehensive understanding on solubility and solvation performance of curcumin (form I) in aqueous co-solvent blends. <i>Journal of Chemical Thermodynamics</i> , <b>2022</b> , 167, 106718	2.9	3
198	o-Nitroacetanilide Solubility in Several Aqueous Solutions and Its Mathematical Correlation. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2022</b> , 67, 786-796	2.8	
197	Equilibrium solubility of amrinone in aqueous co-solvent solutions reconsidered: Quantitative molecular surface, inter/intra-molecular interactions and solvation thermodynamics analysis. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 355, 118995	6	2
196	Quantitative surface analysis of paclobutrazol molecule and comprehensive insight into its solubility in aqueous co-solvent solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2022</b> , 170, 106787	2.9	0
195	Equilibrium Solubility of p-Nitroacetanilide in Fifteen Neat Solvents: Determination, Correlation, and Solvent Effect. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2022</b> , 67, 267-275	2.8	4
194	Quantitative molecular surface analysis of doxofylline and its thermodynamic solubility behavior in aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2022</b> , 171, 106792	2.9	0
193	Simulation of mesalazine solubility in the binary solvents at various temperatures. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 357, 119160	6	0
192	Hirshfeld surface and electrostatic potential surface analysis of clozapine and its solubility and molecular interactions in aqueous blends. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 119328	6	0
191	Acetamiprid in several binary aqueous solutions: Solubility, intermolecular interactions and solvation behavior. <i>Journal of Chemical Thermodynamics</i> , <b>2022</b> , 172, 106828	2.9	0
190	Simulation of dapsone solubility data in mono- and mixed-solvents at various temperatures. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 345, 118223	6	1
189	Solubility, solvent effect, enthalpy-Entropy compensation and solvation thermodynamics of 4-(bromomethyl)-2(1H)-quinolinone in several aqueous blends. <i>Journal of Chemical Thermodynamics</i> , <b>2021</b> , 166, 106670	2.9	
188	Equilibrium solubility, Hansen solubility parameter, dissolution thermodynamics, transfer property and preferential solvation of zonisamide in aqueous binary mixtures of ethanol, acetonitrile, isopropanol and N,N-dimethylformamide. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 326, 115219	6	22
187	Solubility, Three-Dimensional Hansen Solubility Parameters, and Solution Thermodynamics of 3,3'-Diaminodiphenyl Sulfone in 14 Neat Solvents from 283.15 to 328.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2021</b> , 66, 2167-2176	2.8	7
186	o-Nitroacetanilide Equilibrium Solubility in 15 Monosolvents: Experimental Determination, Mathematical Correlation, and Solvent Effect Examination. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2021</b> , 66, 2124-2133	2.8	5
185	Evodiamine in several binary aqueous co-solvents: Solubility measurement and modeling, Hansen solubility parameter, preferential solvation and apparent dissolution and transfer properties. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 330, 115658	6	4
184	Solid-Liquid Ternary Phase Equilibrium of 3,5-Dibromo-4-hydroxybenzaldehyde + 3-Bromo-4-hydroxybenzaldehyde + N,N-Dimethylformamide/1,4-dioxane/dimethylsulfoxide: Determination and Model Correlation. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2021</b> , 66, 2629-2639	2.8	3

183	Solubility modeling, Hansen solubility parameter, solvation thermodynamics and enthalpy-Entropy compensation of 5-chlorooxine (form I) in several aqueous cosolvent solutions. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 345, 117025	6	2
182	Solvent effect, transfer property and preferential solvation of artesunate in aqueous co-solvent mixtures of some alcohols. <i>Physics and Chemistry of Liquids</i> , <b>2021</b> , 59, 454-466	1.5	1
181	Solubility and Mixing Thermodynamic Properties of Triclabendazole in 14 Neat Solvents at Elevated Temperatures from 278.15 to 318.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2021</b> , 66, 3598-3607	2.8	1
180	Solubility Measurement, Preferential Solvation, and Solvent Effect of 3,5-Dinitrosalicylic Acid in Several Binary Aqueous Blends. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2021</b> , 66, 3531-3542	2.8	2
179	Bifonazole dissolved in numerous aqueous alcohol mixtures: Solvent effect, enthalpy-Entropy compensation, extended Hildebrand solubility parameter approach and preferential solvation. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 338, 116671	6	7
178	Imidacloprid (I) in several aqueous co-solvent mixtures: Solubility, solvent effect, solvation thermodynamics and enthalpy-Entropy compensation. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 338, 116781	6	3
177	Solubility and thermodynamic aspects of etonogestrel in several aqueous co-solvent solutions. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 338, 116624	6	2
176	Solubility, Hansen solubility parameter, solvent effect and preferential solvation of benorilate in aqueous mixtures of isopropanol, N,N-dimethylformamide, ethanol and N-methyl-2-pyrrolidinone. <i>Journal of Chemical Thermodynamics</i> , <b>2021</b> , 161, 106517	2.9	10
175	Comprehensive insight into solubility, dissolution properties and solvation behaviour of dapsone in co-solvent solutions. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 341, 117403	6	4
174	Solubility modeling and solvation behavior of 3,3'-diamino diphenylsulfone in binary aqueous mixtures of isopropanol, methanol, ethanol and N,N-dimethylformamide. <i>Journal of Chemical Thermodynamics</i> , <b>2021</b> , 163, 106612	2.9	
173	Solubility, solvation thermodynamics and solvent effect of thiabendazole in several cosolvent blends. <i>Journal of Chemical Thermodynamics</i> , <b>2021</b> , 163, 106616	2.9	2
172	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 &amp; Engineering Data</i> , <b>2020</b> , 65, 2894-2902	2.8	10
171	Apixaban (I) in several aqueous co-solvent mixtures: Solubility, solvent effect and preferential solvation. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 150, 106200	2.9	4
170	Ternary Phase Diagrams for Systems Formed by Terephthalic Acid, p-Toluic Acid, and 4-Carboxybenzaldehyde in N-Methyl-2-Pyrrolidone. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 2830-2837	2.8	2
169	2-Amino-6-chlorobenzoic Acid Dissolved in Numerous Individual Solvents: Equilibrium Solubility, Thermodynamic Modeling, and Mixing Properties. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 3252-3260	2.8	3
168	Solubility Determination and Preferential Solvation of Diphenoxylate in Aqueous Cosolvent Solutions of Ethanol, Acetonitrile, Methanol, and Isopropanol. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 3658-3666	2.8	6
167	Thiamethoxam in aqueous co-solvent mixtures of 1,4-dioxane, N,N-dimethylacetamide, dimethyl sulfoxide and acetonitrile: Solubility solute-solvent and solvent-solvent interactions, and preferential solvation analysis. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 150, 106229	2.9	6
166	Saturated Solubility and Thermodynamic Mixing Properties of 3,5-Dibromo-4-hydroxybenzaldehyde in 16 Individual Solvents at Elevated Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 3744-3753	2.8	7

165	3-Bromo-4-hydroxybenzaldehyde in Aqueous Cosolvent Mixtures of Acetonitrile, Ethanol, n-Propanol, and N,N-Dimethylformamide: Solubility, Preferential Solvation, and Solvent Effect Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 2683-2693	2.8	6
164	6-Phenyl-3(2H)-pyridazinone dissolved in some aqueous co-solvent mixtures of alcohols: Equilibrium solubility, solvent effect and preferential solvation. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 148, 106128	2.9	2
163	Biapenem in binary aqueous mixtures of N,N-dimethylformamide, N-methyl-2-pyrrolidone, isopropanol and ethanol: Solute-solvent and solvent-solvent interactions, solubility determination and preferential solvation. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 149, 106190	2.9	9
162	Phenformin in aqueous co-solvent mixtures of N,N-dimethylformamide, ethanol, N-methylpyrrolidone and dimethyl sulfoxide: Solubility, solvent effect and preferential solvation. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 144, 106085	2.9	11
161	Solubility of 3,5-Dinitrosalicylic Acid in Fourteen Pure Solvents over Temperatures from 278.15 to 323.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 2230-2237	2.8	4
160	Solubility and Thermodynamic Aspects of 5,7-Dibromo-8-hydroxyquinoline in Thirteen Neat Solvents at Temperatures from 288.15 to 328.15 (333.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 2088-2097	2.8	6
159	2-Methoxy-4-nitroaniline Solubility in Several Aqueous Solvent Mixtures: Determination, Modeling, and Preferential Solvation. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 2673-2682	2.8	3
158	Equilibrium solubility determination and thermodynamic aspects of aprepitant (form I) in four binary aqueous mixtures of methanol, ethanol, acetone and 1,4-dioxane. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 149, 106170	2.9	14
157	Solubility of d-Histidine in Aqueous Cosolvent Mixtures of N,N-Dimethylformamide, Ethanol, Dimethyl Sulfoxide, and N-Methyl-2-pyrrolidone: Determination, Preferential Solvation, and Solvent Effect. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 1695-1704	2.8	4
156	Solubility, Preferential Solvation, and Solvent Effect of Micoflavin in Aqueous Mixtures of Dimethylsulfoxide, Isopropanol, Propylene Glycol, and Ethanol. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 1976-1985	2.8	7
155	Maraviroc in aqueous co-solvent solutions of n-propanol, ethanol, dimethyl sulfoxide and N,N-dimethylformamide: Solubility determination, preferential solvation and solvent effect analysis. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 143, 106044	2.9	0
154	3-Methyl-6-nitroindazole in some aqueous co-solvent mixtures: Solubility determination, preferential solvation and solvent effect analysis. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 144, 106066 <sup>2.9</sup>	2.9	34
153	5,7-Dibromo-8-hydroxyquinoline dissolved in binary aqueous co-solvent mixtures of isopropanol, N,N-dimethylformamide, 1,4-dioxane and N-methyl-2-pyrrolidone: Solubility modeling, solvent effect and preferential solvation. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 148, 106138	2.9	3
152	Thermodynamic solubility, solvent effect and preferential solvation analysis of rebamipide in aqueous co-solvent mixtures of propylene glycol, n-propanol, isopropanol and ethanol. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 143, 106045	2.9	3
151	Solubility of monobenzene in aqueous co-solvent mixtures of several alcohols: Determination, modelling and thermodynamic aspects analysis. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 142, 106023 <sup>2.9</sup>	2.9	2
150	Solubility of 3-Bromo-4-Hydroxybenzaldehyde in 16 Monosolvents at Temperatures from 278.15 to 323.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 287-295	2.8	9
149	2-Methoxy-4-nitroaniline Solubility in Several Monosolvents: Measurement, Correlation, and Solvent Effect Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 757-765	2.8	9
148	5-Nitrosalicylaldehyde in aqueous co-solvent mixtures of methanol, ethanol, isopropanol and acetonitrile: Solubility determination, solvent effect and preferential solvation analysis. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 142, 106014	2.9	25

147	Equilibrium solubility determination, solvent effect and preferential solvation of amoxicillin in aqueous co-solvent mixtures of N,N-dimethylformamide, isopropanol, N-methyl pyrrolidone and ethylene glycol. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 142, 106010	2.9	11
146	Equilibrium solubility, solvent effect and preferential solvation of 5-nitrofurazone (form II) in aqueous co-solvent mixtures of isopropanol, N-methyl pyrrolidone, ethanol and dimethyl sulfoxide. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 142, 106016	2.9	7
145	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 &amp; Engineering Data</i> , <b>2020</b> , 65, 2912-2920	2.8	4
144	Risperidone (I) in some aqueous mixtures of low alcohols: Solubility, preferential solvation and solvent effect analysis. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 148, 106137	2.9	2
143	Equilibrium solubility of 7-amino-4-methylcoumarin in several aqueous co-solvent mixtures revisited: Transfer property, solute-solvent and solvent-solvent interactions and preferential solvation. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 320, 114407	6	35
142	3,5-dibromo-4-hydroxybenzaldehyde dissolved in aqueous solutions of ethanol, n-propanol, acetonitrile and N,N-dimethylformamide: Solubility modelling, solvent effect and preferential solvation investigation. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 151, 106252	2.9	5
141	Griseofulvin dissolved in binary aqueous co-solvent mixtures of N,N-dimethylformamide, methanol, ethanol, acetonitrile and N-methylpyrrolidone: Solubility determination and thermodynamic studies. <i>Journal of Chemical Thermodynamics</i> , <b>2020</b> , 151, 106250	2.9	8
140	Equilibrium Solubility and Dissolution Property Analysis of 2-Nitrophenylacetic Acid in 13 Pure Solvents at Elevated Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 4157-4165	2.8	4
139	Saturated Solubility of 2-Acrylamide-2-methylpropanesulfonic Acid in 14 Neat Organic Solvents from 283.15 to 328.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 4692-4698	2.8	2
138	Solubility Determination and Preferential Solvation of 4-Nitrophthalimide in Binary Aqueous Solutions of Acetone, Ethanol, Isopropanol, and N,N-Dimethylformamide. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2020</b> , 65, 4632-4641	2.8	2
137	Baicalin solubility in aqueous co-solvent mixtures of methanol, ethanol, isopropanol and n-propanol revisited: solvent-solvent and solvent-solute interactions and IKB preferential solvation analysis. <i>Physics and Chemistry of Liquids</i> , <b>2020</b> , 58, 820-832	1.5	10
136	Comments on Solubility of Baicalein in Different Solvents from (287 to 323) K <i>International Journal of Thermophysics</i> , <b>2019</b> , 40, 1	2.1	
135	Solubility of Acetoguanamine in Twelve Neat Solvents from 283.15 to 323.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 4546-4550	2.8	2
134	Equilibrium solubility investigation and thermodynamic aspects of biologically active gimeracil (form P) dissolved in aqueous co-solvent mixtures of isopropanol, N,N-dimethylformamide, ethylene glycol and dimethylsulfoxide. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 133, 19-28	2.9	6
133	Solubility modelling and thermodynamic properties of allopurinol in aqueous solutions of four deep eutectic solvents. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 132, 363-372	2.9	18
132	Solubility Modeling and Solvent Effect of 2-Amino-6-chloropurine in Twelve Neat Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 771-777	2.8	5
131	Domperidone Solubility in Aqueous Cosolvent Mixtures of N,N-Dimethylformamide, Isopropanol, Dimethyl Sulfoxide, and Ethanol: Thermodynamic Modeling and Preferential Solvation Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 3113-3121	2.8	1
130	Solubility of d-Tryptophan and l-Tyrosine in Several Organic Solvents: Determination and Solvent Effect. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 3164-3169	2.8	4

129	Solute-Solvent and Solvent-Solvent Interactions and Preferential Solvation of 1,1-Diamino-2,2-dinitroethylene in Aqueous Co-solvent Mixtures of N,N-Dimethylformamide and Dimethyl Sulfoxide. <i>Journal of Solution Chemistry</i> , <b>2019</b> , 48, 732-747	1.8	3
128	Solubility of 4-amino-2,6-dimethoxypyrimidine in aqueous co-solvent mixtures revisited: Solvent effect, transfer property and preferential solvation analysis. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 288, 1110-1133	6.33	34
127	Solubility of d-Aspartic Acid in Several Neat Solvents: Determination, Modeling, and Solvent Effect Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 2904-2910	2.8	12
126	Propylthiouracil Solubility in Aqueous Solutions of Ethylene Glycol, N,N-Dimethylformamide, N-Methyl-2-pyrrolidone, and Dimethylsulfoxide: Measurement and Thermodynamic Modeling. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 2836-2842	2.8	17
125	Thermodynamic solubility modelling, solvent effect and preferential solvation of p-nitrobenzamide in aqueous co-solvent mixtures of dimethyl sulfoxide, ethanol, isopropanol and ethylene glycol. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 136, 123-131	2.9	13
124	o-Nitrophenylacetonitrile Solubility in Several Pure Solvents: Measurement, Correlation, and Solvent Effect Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 2867-2876	2.8	7
123	Solubility Determination and Modeling of p-Nitrobenzamide Dissolved in Twelve Neat Solvents from 283.15 to 328.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 1840-1850	2.8	17
122	Solubility Determination, Modeling, and Preferential Solvation of Terephthalaldehydic Acid Dissolved in Aqueous Solvent Mixtures of Methanol, Ethanol, Isopropanol, and N-Methyl-2-pyrrolidone. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 1791-1801	2.8	5
121	4-Nitrophenylcyanide Solubility in Several Nonaqueous Solvent Mixtures: Determination and Modeling. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 1809-1815	2.8	3
120	Solubility and preferential solvation of flubendazole dissolved in aqueous co-solvent mixtures of 1,4-dioxane, dimethyl sulfoxide, N,N-dimethylformamide and isopropanol. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 135, 225-232	2.9	3
119	Solubility Modeling and Solvent Effect for Flubendazole in 12 Neat Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 1237-1243	2.8	10
118	Thermodynamic solubility modelling, solvent effect and preferential solvation of naftopidil in aqueous co-solvent solutions of (n-propanol, ethanol, isopropanol and dimethyl sulfoxide). <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 133, 161-169	2.9	5
117	Experimental solubility evaluation and thermodynamic analysis of biologically active D-tryptophan in aqueous mixtures of N,N-dimethylformamide and several alcohols. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 128, 34-44	2.9	5
116	Commentary concerning the thermodynamic properties of l-Theanine in different solvents. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 128, 352-355	2.9	
115	Solubility modelling, solvent effect and preferential solvation of carbendazim in aqueous co-solvent mixtures of N,N-dimethylformamide, methanol, ethanol and n-propanol. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 128, 87-96	2.9	17
114	Comment regarding the paper Solubility determination and thermodynamic modelling of 3,5-dimethylpyrazole in nine organic solvents from T = (283.15 to 313.15) K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 128, 74-77	2.9	
113	Solid-Liquid Phase Equilibrium for Ternary Systems of p-Nitroacetophenone plus m-Nitroacetophenone plus Methanol/Toluene/Ethyl Acetate. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 4066-4076	2.8	2
112	Solubility and Solvent Effect of Acetamiprid in Thirteen Pure Solvents and Aqueous Solutions of Ethanol. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 3505-3513	2.8	14

111	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 &amp; Engineering Data</i> , <b>2019</b> , 64, 3652-3660	2.8	12
110	Solvent effect on solubility and preferential solvation analysis of bupropion dissolved in aqueous co-solvent mixtures of N,N-dimethylformamide, ethanol, acetonitrile and isopropanol. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 138, 179-188	2.9	6
109	Solubility modelling and thermodynamic aspect of d-aspartic acid in aqueous co-solvent mixtures of N-methyl-2-pyrrolidone, N,N-dimethylformamide, dimethyl sulfoxide and 1,4-dioxane. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 138, 196-204	2.9	6
108	Solubility of chloroxine in aqueous co-solvent mixtures of N,N-dimethylformamide, dimethyl sulfoxide, N-methyl-2-pyrrolidone and 1,4-dioxane: Determination, solvent effect and preferential solvation analysis. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 138, 288-296	2.9	27
107	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 &amp; Engineering Data</i> , <b>2019</b> , 64, 5869-5877	2.8	11
106	Determination and Modeling of d-Histidine Solubility in Several Pure Solvents from 293.15 to 333.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 5571-5577	2.8	9
105	Thermodynamic Solubility and Mixing Properties of Phenformin in 14 Pure Solvents at Temperatures Ranging from 278.15 to 323.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 6009-6019	2.8	16
104	Investigation on Preferential Solvation, Transfer Properties and Solvent Effect of Sulfachloropyridazine in Aqueous Co-solvent Solutions of Some Alcohols. <i>Journal of Solution Chemistry</i> , <b>2019</b> , 48, 1413-1435	1.8	
103	Preferential Solvation of Vitamin C in Binary Solvent Mixtures Formed by Methanol, Ethanol, n-Propanol, Isopropanol and Water. <i>Journal of Solution Chemistry</i> , <b>2019</b> , 48, 200-211	1.8	5
102	Thermodynamic Solubility of Gatifloxacin in Nonaqueous Solvent Mixtures of N,N-Dimethylformamide Plus Isopropanol/Methanol/n-Propanol/Ethanol. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 6071-6077	2.8	
101	Commentary concerning the Measurement, correlation of the solubility and solution thermodynamics of 2-cyanoguanidine in (methanol + water) binary solvent systems from T = (283.15 to 343.15) K. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 129, 1-2	2.9	
100	Solubility modelling and thermodynamic aspect of 2,3-dihydro-6-propyl-2-thioxo-4(1H)-pyrimidinone in binary aqueous solutions of several alcohols. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 132, 29-37	2.9	3
99	Solubility Modeling, Solute-Solvent Interactions, and Thermodynamic Dissolution Properties of p-Nitrophenylacetonitrile in Sixteen Monosolvents at Temperatures Ranging from 278.15 to 333.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2019</b> , 64, 315-323	2.8	104
98	Thermodynamic solubility modeling, solvent effect and preferential solvation of curcumin in aqueous co-solvent mixtures of ethanol, n-propanol, isopropanol and propylene glycol. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 131, 410-419	2.9	24
97	Note on the thermodynamic analysis of the solubility of polymorphic cytarabine in a variety of pure solvents. <i>Fluid Phase Equilibria</i> , <b>2019</b> , 482, 108-111	2.5	
96	Remarks on Solubilities of p-coumaric and caffeic acid in ionic liquids and organic solvents. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 131, 21-24	2.9	
95	Commentary concerning Determination and correlation of solubility and solution thermodynamics of ethenzamide in different pure solvents. <i>Fluid Phase Equilibria</i> , <b>2019</b> , 480, 81-84	2.5	1
94	Remarks on the measurement and correlation of solubility of tetracycline hydrochloride in six organic solvents. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 130, 163-165	2.9	

93	Solvent effect and preferential solvation of cefpiramide in cosolvent plus water mixtures. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 276, 318-324	6	5
92	Experimental solubility evaluation and thermodynamic analysis of quinocetone in aqueous co-solvent solutions of ethanol, isopropanol, dimethyl sulfoxide and N,N-dimethylformamide. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 131, 449-459	2.9	5
91	Solubility modelling, solvent effect and preferential solvation of allopurinol in aqueous co-solvent mixtures of ethanol, isopropanol, N,N-dimethylformamide and 1-methyl-2-pyrrolidone. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 131, 478-488	2.9	5
90	Commentary concerning measurement and correlation of solubility and solution thermodynamics of 1,3-dimethylurea in different solvents from T = (288.15 to 328.15) K <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 129, 141-144	2.9	
89	Equilibrium solubility, solvent effect and preferential solvation of chlorhexidine in aqueous co-solvent solutions of (methanol, ethanol, N,N-dimethylformamide and 1,4-dioxane). <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 129, 148-158	2.9	5
88	Commentary and further analysis concerning experimental determination of solubility and metastable zone width of 3,4-bis(3-nitrofurazan-4-yl)furoxan (DNTF) in (acetic acid + water) systems from (298.15 K to 338.15 K) <i>Fluid Phase Equilibria</i> , <b>2019</b> , 479, 35-40	2.5	1
87	Solubility and Preferential Solvation of Carbazochrome in Solvent Mixtures of N,N-Dimethylformamide Plus Methanol/Ethanol/n-Propanol and Dimethyl Sulfoxide Plus Water. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 822-831	2.8	2
86	Solubility modelling and solvent effect for domperidone in twelve green solvents. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 261, 50-56	6	29
85	Solubility and Modeling of Hesperidin in Cosolvent Mixtures of Ethanol, Isopropanol, Propylene Glycol, and n-Propanol + Water. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 764-770	2.8	11
84	Solid-Liquid Equilibrium for the Ternary System 2-Methyl-4-Nitroaniline + 2-Methyl-6-Nitroaniline + Ethyl Acetate: Determination and Modelling. <i>Journal of Solution Chemistry</i> , <b>2018</b> , 47, 231-245	1.8	1
83	Equilibrium solubility, dissolution thermodynamics and preferential solvation of 6-methyl-2-thiouracil in aqueous co-solvent mixtures of methanol, N-methyl-2-pyrrolidone, N,N-dimethyl formamide and dimethylsulfoxide. <i>Journal of Chemical Thermodynamics</i> , <b>2018</b> , 121, 55-64	2.9	11
82	Solubility of Genistin in Ethanol/Acetone + Water and Daidzein in Ethanol + Water Co-solvent Mixtures Revisited: IBKI Preferential Solvation Method. <i>Journal of Solution Chemistry</i> , <b>2018</b> , 47, 150-171	1.8	7
81	Solid-liquid phase equilibrium and thermodynamic functions: 2-Nitrobenzaldehyde in different neat solvents and ternary system of 2-nitrobenzaldehyde + 4-nitrobenzaldehyde + ethyl acetate. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 250, 171-181	6	2
80	Solubility Modeling and Mixing Properties for Benzoin in Different Monosolvents and Solvent Mixtures at the Temperature Range from 273.15 to 313.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 341-351	2.8	9
79	Solute-solvent and solvent-solvent interactions and preferential solvation of limonin in aqueous co-solvent mixtures of methanol and acetone. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 263, 357-365	6	22
78	Equilibrium solubility and preferential solvation of 1,1'-sulfonylbis(4-aminobenzene) in binary aqueous solutions of n-propanol, isopropanol and 1,4-dioxane. <i>Journal of Chemical Thermodynamics</i> , <b>2018</b> , 122, 102-112	2.9	13
77	Solubility modelling, solvent effect and preferential solvation of 6-chloropurine in several aqueous co-solvent mixtures between 283.15 K and 328.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>2018</b> , 127, 106-116	2.9	21
76	Thermodynamic Modelling for Solubility of 3-Methyl-2-nitrobenzoic Acid in Nine Organic Solvents from T (283.15 to 318.15 K) and Dissolution Properties. <i>Journal of Solution Chemistry</i> , <b>2018</b> , 47, 1224-1245	1.8	4



75	Solubility of l-tyrosine in aqueous solutions of methanol, ethanol, n-propanol and dimethyl sulfoxide: Experimental determination and preferential solvation analysis. <i>Journal of Chemical Thermodynamics</i> , <b>2018</b> , 124, 123-132	2.9	17
74	Solubility and Preferential Solvation of 3-Nitrobenzotrile in Binary Solvent Mixtures of Ethyl Acetate Plus (Methanol, Ethanol, n-Propanol, and Isopropyl Alcohol). <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 2290-2298	2.8	2
73	Determination and Modeling of Solid-Liquid Equilibrium for Ternary Systems of Terephthalaldehyde + 4-Hydroxybenzaldehyde + Ethyl Acetate/Acetone. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> ,	2.8	1
72	Commentary on the Measurement and correlation of solubility of meropenem trihydrate in binary (water + acetone/tetrahydrofuran) solvent mixtures. <i>Chinese Journal of Chemical Engineering</i> , <b>2018</b> , 26, 2127-2129	3.2	
71	Solubility and Molecular Interactions of Trimetazidine Hydrochloride in 12 Monosolvents and Solvent Mixtures of Methanol + (Ethanol, N,N-Dimethylformamide or Ethyl Acetate). <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 3704-3714	2.8	10
70	Comment on Measurement and Correlation of the Solubility of Florfenicol Form A in Several Pure and Binary Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 3157-3159	2.8	2
69	Solubility Determination and Modeling for 4-Nitrobenzotrile in Binary Solvent Mixtures of Ethyl Acetate Plus (Methanol, Ethanol, n-Propanol, and Isopropanol). <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 3933-3940	2.8	0
68	Solubility Modeling and Solvent Effects of Allopurinol in 15 Neat Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 3551-3558	2.8	15
67	Solubility of Terephthalaldehyde in N-Methyl-2-pyrrolidone and Solid-Liquid Phase Equilibrium for Ternary Systems of Terephthalic Acid + Terephthalaldehyde + N,N-Dimethylformamide/N-Methyl-2-pyrrolidone. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 2081-2090	2.8	5
66	Solubility Modeling, Solvent Effect, and Preferential Solvation of Thiamphenicol in Cosolvent Mixtures of Methanol, Ethanol, N,N-Dimethylformamide, and 1,4-Dioxane with Water. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2018</b> , 63, 2219-2227	2.8	16
65	Solubility and Dissolution Thermodynamics of Cefmetazole Acid in Four Neat Solvents and Preferential Solvation in Co-Solvent Mixtures of (Methanol, Ethanol or Isopropanol) + Water. <i>Journal of Solution Chemistry</i> , <b>2018</b> , 47, 838-854	1.8	2
64	Solute-solvent and solvent-solvent interactions and preferential solvation of hesperidin in aqueous cosolvent mixtures of ethanol, isopropanol, propylene glycol and n-propanol. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 264, 285-291	6	53
63	Remarks and further analysis on Solubility and dissolution thermodynamic properties of 1,6-Bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionamido]hexane in pure solvents and binary solvent mixtures. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 266, 478-483	6	
62	Solubility of 2-isopropylimidazole in nine pure organic solvents and liquid mixture of (methanol+ethyl acetate) from T=(278.15 to 313.15)K: Experimental measurement and thermodynamic modelling. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 107, 133-140	2.9	2
61	Binary and ternary solid-liquid phase equilibrium for the systems formed by succinic acid, urea and diethylene glycol: Determination and modelling. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 108, 97-104	2.9	9
60	Solubility determination and modelling for 4-nitrobenzaldehyde in N, N -dimethylformamide + (ethanol, n -propanol or n -butanol) mixed solvents. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 233, 106-114	6	2
59	Preferential solvation of pioglitazone hydrochloride in some binary co-solvent mixtures according to the inverse Kirkwood-Buff integrals method. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 110, 218-226	2.9	52
58	Solubility determination and thermodynamic modelling of 2-amino-5-methylthiazole in eleven organic solvents from T = (278.15 to 313.15) K and mixing properties of solutions. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 232, 226-235	6	9

57	Solubility, solution thermodynamics and preferential solvation for 4-bromopyrazole in mixed solvents of (methanol/ethanol + water) from T = (283.15 to 318.15) K. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 112, 146-154	2.9	13
56	Solubility modelling and dissolution properties of 5-phenyltetrazole in thirteen mono-solvents and liquid mixtures of (methanol + ethyl acetate) at elevated temperatures. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 112, 114-121	2.9	3
55	Solubility modelling and preferential solvation of paclitaxel in co-solvent mixtures of (ethanol, n-propanol and 1,4-dioxane) + water. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 112, 249-258	2.9	55
54	Preferential solvation of diazepam in some aqueous co-solvent mixtures. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 112, 59-67	2.9	4
53	Solubility modelling and preferential solvation for 3-nitrobenzaldehyde in N,N-dimethylformamide + (ethanol, n-propanol or n-butanol) solvent mixtures. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 237, 216-225	6	
52	Solubility determination and modelling for phthalimide in mixed solvents of (acetone, ethyl acetate or acetonitrile+methanol) from (278.15 to 313.15)K. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 106, 123-131	2.9	2
51	Thermodynamic Functions for Solubility of 1-Hydroxybenzotriazole in Sixteen Solvents at Temperatures from (278.15 to 313.15) K and Mixing Property of Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 2191-2197	2.8	11
50	Preferential solvation of rosmarinic acid in binary solvent mixtures of ethanol + water and methanol + water according to the inverse Kirkwood-Buff integrals method. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 240, 56-64	6	72
49	Solubility modelling and mixing properties of biologically active 5-amino-3-methyl-1-phenylpyrazole in ten neat solvents from 283.15 K to 318.15 K. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 240, 532-541	6	2
48	4-(Methylsulfonyl)benzaldehyde Solubility in Binary Solvent Mixtures of Acetonitrile + (Methanol, Ethanol and Isopropanol): Determination and Modelling. <i>Journal of Solution Chemistry</i> , <b>2017</b> , 46, 1131-1151	1.8	2
47	Solubility and preferential solvation of 2-methyl-4-nitroaniline in mixed solvents of ethyl acetate + (methanol, ethanol, n-propanol and isopropanol). <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 113, 71-80	2.9	4
46	Determination and correlation of solid-liquid phase equilibrium and phase diagram for multicomponent system of mixed dibasic acids. (IV) Quaternary system of (adipic acid + succinic acid + glutaric acid + ethanol). <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 110, 243-251	2.9	8
45	Determination and modelling of solid-liquid phase equilibrium and phase diagram for multicomponent system of nitrobenzaldehyde isomers. (I) Ternary system of 4-nitrobenzaldehyde + 3-nitrobenzaldehyde + ethyl acetate. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 234, 164-171	6	4
44	Solubility and preferential solvation of econazole nitrate in binary solvent mixtures of methanol, ethanol and 1,4-dioxane in water. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 111, 228-237	2.9	24
43	Preferential solvation of dehydroepiandrosterone acetate in (co-solvent + ethyl acetate) mixtures according to the inverse Kirkwood-Buff integrals method. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 111, 149-156	2.9	10
42	Solubility and thermodynamic functions of tebuconazole in nine organic solvents from T=(278.15 to 313.15)K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 106, 243-255	2.9	4
41	Thermodynamic Functions for the Solubility of 3-Nitrobenzonitrile in 12 Organic Solvents from T/K = (278.15 to 318.15). <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 3921-3928	2.8	4
40	Solubility modelling, solution thermodynamics and preferential solvation of hymecromone in binary solvent mixtures of N,N-dimethylformamide + methanol, ethanol or n-propanol. <i>RSC Advances</i> , <b>2017</b> , 7, 46378-46387	3.7	4

39	Solubility Modeling and Mixing Thermodynamics of Thiamphenicol in Water and Twelve Neat Organic Solvents from T = (278.15 to 318.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 3534-3541	2.8	10
38	Solubility of cetilistat in neat solvents and preferential solvation in (acetone, isopropanol or acetonitrile) + water co-solvent mixtures. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 242, 618-624	6	3
37	Thermodynamic modelling of solubility and preferential solvation for ribavirin (II) in co-solvent mixtures of (methanol, -propanol, acetonitrile or 1,4-dioxane)±water. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 115, 74-83	2.9	11
36	Solubility and solution thermodynamics of 2-methyl-4-nitroaniline in eleven organic solvents at elevated temperatures. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 105, 276-288	2.9	15
35	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> , <b>2017</b> , 105, 404-413	2.9	43
34	Determination and modeling of binary and ternary solid-liquid phase equilibrium for the systems formed by 3,5-dinitrobenzoic acid, m-nitrobenzoic acid and acetone. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 105, 21-29	2.9	7
33	Solubility determination and thermodynamic modeling of paclitaxel in nine organic solvents from T = (278.15 to 318.15) K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 104, 261-273	2.9	10
32	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> , <b>2017</b> , 104, 50-60	2.9	7
31	Preferential Solvation of Boscalid in Ethanol/Isopropanol + Ethyl Acetate Mixtures from the Inverse KirkwoodBuff Integrals Method. <i>Journal of Solution Chemistry</i> , <b>2017</b> , 46, 2050-2065	1.8	
30	Solubility modelling, solution thermodynamics and preferential solvation for nitroxoline in solvent mixtures of ethyl acetate + (methanol, ethanol, n -propanol and isopropanol). <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 113, 11-19	2.9	10
29	Equilibrium solubility, dissolution thermodynamics and preferential solvation of adenosine in aqueous solutions of N,N -dimethylformamide, N -methyl-2-pyrrolidone, dimethylsulfoxide and propylene glycol. <i>Journal of Chemical Thermodynamics</i> , <b>2017</b> , 115, 52-62	2.9	15
28	Solubility determination and thermodynamic modelling of 2,4-dihydro-5-methyl-2-(4-methylphenyl)-3H-pyrazol-3-one in twelve organic solvents from T = (278.15 to 313.15) K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 100, 8-20	2.9	2
27	Solubility measurement and modelling of ethyl 5-amino-4-cyano-3-(2-ethoxy-2-oxoethyl)-2-thiophenecarboxylate in four groups mixed solvents. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 103, 414-422	2.9	2
26	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 &amp; Engineering Data</i> , <b>2016</b> , 61, 2525-2535	2.8	68
25	Solubility and solution thermodynamics of 2-methyl-6-nitroaniline in ten organic solvents at elevated temperatures. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 101, 180-189	2.9	7
24	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> , <b>2016</b> , 101, 372-379	2.9	84
23	Solubility modelling and thermodynamic dissolution functions of phthalimide in ten organic solvents. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 94, 160-168	2.9	17
22	Solubility Modeling of 4-(Methylsulfonyl)benzaldehyde in Nine Organic Solvents at Elevated Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2016</b> , 61, 1657-1666	2.8	10

21	Solubility measurement and thermodynamic functions of dehydroepiandrosterone acetate in different solvents at evaluated temperatures. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 97, 158-166	2.9	11
20	Thermodynamic solubility of tetraethyl ranelate in ten organic solvents at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 216, 771-780	6	16
19	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> , <b>2016</b> , 96, 187-195	2.9	20
18	Solubility determination and correlation for 1,8-dinitronaphthalene in (acetone + methanol), (toluene + methanol) and (acetonitrile + methanol) mixed solvents. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 94, 24-30	2.9	36
17	Modeling of solubility of 1,5-dinitro-naphthalen in eight organic solvents from T=(273.15 to 313.15) K and dissolution properties. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 221, 1054-1062	6	8
16	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 &amp; Engineering Data</i> , <b>2016</b> , 61, 2105-2113	2.8	17
15	Thermodynamic models for determination of 3-chloro-N-phenylphthalimide solubility in binary solvent mixtures of (acetone, ethyl acetate or 1,4-dioxane+methanol). <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 100, 22-28	2.9	17
14	Solubility determination and thermodynamic modeling of 5-nitro-8-hydroxyquinoline in ten organic solvents from T=(278.15 to 313.15)K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 100, 60-71	2.9	24
13	Solubility Determination and Modeling for 4,4'-Dihydroxydiphenyl Sulfone in Mixed Solvents of (Acetone, Ethyl Acetate, or Acetonitrile) + Methanol and Acetone + Ethanol from (278.15 to 313.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2016</b> , 61, 3519-3526	2.8	7
12	Measurement and modelling of econazole nitrate in twelve pure organic solvents at temperatures from 278.15 K to 318.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 103, 59-68	2.9	5
11	Solubility measurement and correlation of 4-nitrophthalimide in (methanol, ethanol, or acetone) + N,N-dimethylformamide mixed solvents at temperatures from 273.15 K to 323.15 K. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 103, 99-106	2.9	7
10	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> , <b>2015</b> , 90, 259-269	2.9	22
9	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> , <b>2015</b> , 397, 103-110	2.5	19
8	Solubility and Dissolution Thermodynamic Properties of 3,3',4,4'-Oxydiphthalic Anhydride in Binary Aqueous Solutions of Acetic Acid and Propionic Acid from (278.15 to 313.15) K. <i>Journal of Solution Chemistry</i> , <b>2015</b> , 44, 2042-2060	1.8	3
7	Experimental Measurement and Modeling of Solubility Data for 2,3-Dichloronitrobenzene in Methanol, Ethanol, and Liquid Mixtures (Methanol + Water, Ethanol + Water). <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 3586-3592	2.8	17
6	Solid-Liquid Equilibrium and Phase Diagram for the Ternary 4-Chlorophthalic Anhydride + 3-Chlorophthalic Anhydride + Ethyl Acetate System. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 163-167	2.8	10
5	Solubility of Dichloronitrobenzene in Eight Organic Solvents from T = (278.15 to 303.15) K: Measurement and Thermodynamic Modeling. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2014</b> , 59, 1281-1287	2.8	22
4	Solubility of 3,4-Dichloronitrobenzene in Methanol, Ethanol, and Liquid Mixtures (Methanol + Water, Ethanol + Water): Experimental Measurement and Thermodynamic Modeling. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2013</b> , 58, 3061-3068	2.8	37

3	Measurement and Correlation of the Vapor Pressure of 3,5-Dichloroaniline. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2013</b> , 58, 1629-1632	2.8	5
2	Solubility, Solvent Effect, and Solvation Performance of MBQ-167 in Aqueous Cosolvent Solutions. <i>Journal of Chemical &amp; Engineering Data</i> ,	2.8	1
1	Solubility of 3-aminosalicylic acid in 2-propanol + water mixtures at different temperatures. <i>Physics and Chemistry of Liquids</i> ,1-15	1.5	