

# Ali Farajtabar

## List of Publications by Year in descending order

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106  
papers

1,409  
citations

331538

21  
h-index

434063

31  
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108  
all docs

108  
docs citations

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times ranked

662  
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#	ARTICLE	IF	CITATIONS
1	Solute-solvent and solvent-solvent interactions and preferential solvation of hesperidin in aqueous cosolvent mixtures of ethanol, isopropanol, propylene glycol and n-propanol. Journal of Molecular Liquids, 2018, 264, 285-291.	2.3	62
2	3-Methyl-6-nitroindazole in some aqueous co-solvent mixtures: Solubility determination, preferential solvation and solvent effect analysis. Journal of Chemical Thermodynamics, 2020, 144, 106066.	1.0	49
3	Solubility of 4-amino-2,6-dimethoxy pyrimidine in aqueous co-solvent mixtures revisited: Solvent effect, transfer property and preferential solvation analysis. Journal of Molecular Liquids, 2019, 288, 111033.	2.3	48
4	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. Journal of Molecular Liquids, 2020, 320, 114407.	2.3	47
5	Thermodynamic solubility modeling, solvent effect and preferential solvation of curcumin in aqueous co-solvent mixtures of ethanol, n-propanol, isopropanol and propylene glycol. Journal of Chemical Thermodynamics, 2019, 131, 410-419.	1.0	44
6	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. Journal of Molecular Liquids, 2021, 326, 115219.	2.3	44
7	Solute-solvent and solvent-solvent interactions and preferential solvation of limonin in aqueous co-solvent mixtures of methanol and acetone. Journal of Molecular Liquids, 2018, 263, 357-365.	2.3	43
8	Solubility of l-tyrosine in aqueous solutions of methanol, ethanol, n-propanol and dimethyl sulfoxide: Experimental determination and preferential solvation analysis. Journal of Chemical Thermodynamics, 2018, 124, 123-132.	1.0	43
9	Solubility Modeling, Solvent Effect, and Preferential Solvation of Thiamphenicol in Cosolvent Mixtures of Methanol, Ethanol, N,N-Dimethylformamide, and 1,4-Dioxane with Water. Journal of Chemical & Engineering Data, 2018, 63, 2219-2227.	1.0	40
10	Solvatochromic and preferential solvation of fluorescein in some water-alcoholic mixed solvents. Journal of Molecular Liquids, 2014, 190, 126-132.	2.3	37
11	Solubility modelling and solvent effect for domperidone in twelve green solvents. Journal of Molecular Liquids, 2018, 261, 50-56.	2.3	37
12	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. Journal of Chemical Thermodynamics, 2021, 161, 106517.	1.0	36
13	Preferential solvation and solvation shell composition of free base and protonated 5, 10, 15, 20-tetrakis(4-sulfonatophenyl)porphyrin in aqueous organic mixed solvents. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 83, 213-220.	2.0	34
14	Spectral analysis of naringenin deprotonation in aqueous ethanol solutions. Chemical Papers, 2013, 67, .	1.0	33
15	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. Journal of Chemical Thermodynamics, 2019, 138, 288-296.	1.0	33
16	Solvatochromism of fluorescein in aqueous aprotic solvents. Journal of Molecular Liquids, 2016, 221, 102-107.	2.3	29
17	Solubility and Preferential Solvation of the Flavonoid Naringenin in Some Aqueous/Organic Solvent Mixtures. Journal of Solution Chemistry, 2016, 45, 1701-1714.	0.6	28
18	Solubility modelling, solvent effect and preferential solvation of 6-chloropurine in several aqueous co-solvent mixtures between 283.15 K and 328.15 K. Journal of Chemical Thermodynamics, 2018, 127, 106-116.	1.0	27

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19	Complexation of 5,10,15,20-Tetrakis(4-sulfonatophenyl)porphyrin with Zinc(II) Ions in Aqueous Solution. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 350-354.	1.0	23
20	Solvent Effects on Protonation Constants of Tryptophan in Some Aqueous Aliphatic Alcohol Solutions. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 327-332.	1.0	23
21	Solubility modelling and preferential solvation of adenine in solvent mixtures of (N,N-dimethylformamide, N-methyl pyrrolidone, propylene glycol and dimethyl sulfoxide) plus water. <i>Journal of Chemical Thermodynamics</i> , 2018, 125, 225-234.	1.0	23
22	Solvent Effect on Protonation Constants of 5, 10, 15, 20-Tetrakis(4-sulfonatophenyl)porphyrin in Different Aqueous Solutions of Methanol and Ethanol. <i>Journal of Solution Chemistry</i> , 2010, 39, 231-244.	0.6	22
23	Solvent Effects on Protonation and Complexation of Glutamic and Aspartic Acids with Molybdenum(VI) in Different Aqueous Solutions of Methanol. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 1772-1778.	1.0	20
24	Solubility and Solvent Effect of Acetamidrid in Thirteen Pure Solvents and Aqueous Solutions of Ethanol. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 3505-3513.	1.0	20
25	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> , 2019, 128, 87-96.	1.0	19
26	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> , 2019, 64, 3652-3660.	1.0	19
27	A systematic study on solubility and solvation of bioactive compound chrysin in some water + cosolvent mixtures. <i>Journal of Molecular Liquids</i> , 2016, 220, 478-483.	2.3	18
28	Adsorption kinetics and isotherms of bioactive antioxidant quercetin onto amino-functionalized silica nanoparticles in aqueous ethanol solutions. <i>New Journal of Chemistry</i> , 2017, 41, 8451-8458.	1.4	18
29	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> , 2019, 136, 123-131.	1.0	17
30	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> , 2020, 142, 106010.	1.0	17
31	Equilibrium solubility and preferential solvation of 1,1- $\text{C}_2$ -sulfonylbis(4-aminobenzene) in binary aqueous solutions of n-propanol, isopropanol and 1,4-dioxane. <i>Journal of Chemical Thermodynamics</i> , 2018, 122, 102-112.	1.0	15
32	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> , 2019, 64, 5869-5877.	1.0	14
33	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> , 2021, 330, 115658.	2.3	14
34	Interaction of dioxouranium(VI) ion with EDTA at different ionic strengths. <i>Journal of Molecular Liquids</i> , 2009, 144, 5-8.	2.3	13
35	Spectral Investigations of Preferential Solvation and Solute-Solvent Interactions of Free Base and Protonated 5,10,15,20-Tetrakis(4-trimethyl-ammonio-phenyl)-porphine Tetratosylate in Aqueous Organic Mixed Solvents. <i>Journal of Solution Chemistry</i> , 2013, 42, 1083-1095.	0.6	13
36	Solvent effect on protonation constants of salicylic acid in mixed aqueous organic solutions of DMSO. <i>Monatshefte für Chemie</i> , 2010, 141, 381-386.	0.9	12

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37	Solvent Effects on Tautomeric and Microscopic Protonation Constants of Glycine in Different Aqueous Solutions of Methanol and Ethanol. <i>Journal of Solution Chemistry</i> , 2012, 41, 1020-1032.	0.6	12
38	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> , 2018, 121, 55-64.	1.0	12
39	Solubility and Molecular Interactions of Trimetazidine Hydrochloride in 12 Monosolvents and Solvent Mixtures of Methanol + (Ethanol, N-Dimethylformamide or Ethyl Acetate). <i>Journal of Chemical &amp; Engineering Data</i> , 2018, 63, 3704-3714.	1.0	12
40	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> , 2020, 151, 106252.	1.0	12
41	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> , 2020, 151, 106250.	1.0	12
42	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> , 2020, 144, 106085.	1.0	12
43	Quantitative surface analysis of paclobutrazol molecule and comprehensive insight into its solubility in aqueous co-solvent solutions. <i>Journal of Chemical Thermodynamics</i> , 2022, 170, 106787.	1.0	12
44	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> , 2021, 66, 2167-2176.	1.0	11
45	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> , 2022, 355, 118995.	2.3	11
46	Complexation of 5,10,15,20-Tetrakis(4-sulfonatophenyl)porphyrin with the Cadmium(II) Ion at Different Ionic Strengths. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 2060-2066.	1.0	10
47	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> , 2020, 65, 1976-1985.	1.0	10
48	Autoprotolysis constants determination of water-methanol mixtures and solvent effect. <i>Journal of Taibah University for Science</i> , 2009, 2, 7-13.	1.1	9
49	Deprotonation of salicylic acid and 5-nitrosalicylic acid in aqueous solutions of ethanol. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 1455-1463.	0.4	9
50	Thermodynamic studies on solubility and protonation constant of acetaminophen at different ionic strengths and various temperatures. <i>Journal of Molecular Liquids</i> , 2014, 199, 137-142.	2.3	9
51	Solubility of D-Tryptophan and L-Tyrosine in Several Organic Solvents: Determination and Solvent Effect. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 3164-3169.	1.0	9
52	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> , 2019, 131, 449-459.	1.0	8
53	Equilibrium solubility, solvent effect and preferential solvation of 5-nitrofurazone (form $\hat{3}$ ) in aqueous co-solvent mixtures of isopropanol, N-methyl pyrrolidone, ethanol and dimethyl sulfoxide. <i>Journal of Chemical Thermodynamics</i> , 2020, 142, 106016.	1.0	8
54	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> , 2020, 150, 106229.	1.0	8

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55	Equilibrium Solubility and Solvent Effect Study of 3-Nitrosalicylic Acid in Different Monosolvents Covering Temperatures from 278.15 to 323.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2021, 66, 2882-2894.	1.0	8
56	Solvent effect on solubility and preferential solvation analysis of buprofezin dissolved in aqueous co-solvent mixtures of N,N-dimethylformamide, ethanol, acetonitrile and isopropanol. <i>Journal of Chemical Thermodynamics</i> , 2019, 138, 179-188.	1.0	7
57	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> , 2019, 138, 196-204.	1.0	7
58	o-Nitrophenylacetonitrile Solubility in Several Pure Solvents: Measurement, Correlation, and Solvent Effect Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 2867-2876.	1.0	7
59	Preferential Solvation of Vitamin C in Binary Solvent Mixtures Formed by Methanol, Ethanol, n-Propanol, Isopropanol and Water. <i>Journal of Solution Chemistry</i> , 2019, 48, 200-211.	0.6	7
60	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> , 2019, 129, 148-158.	1.0	7
61	Solubility of <i>N,N</i> -Histidine in Aqueous Cosolvent Mixtures of <i>N,N</i> -Dimethylformamide, Ethanol, Dimethyl Sulfoxide, and <i>N</i> -Methyl-2-pyrrolidone: Determination, Preferential Solvation, and Solvent Effect. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 1695-1704.	1.0	7
62	Complexation of p-Sulphonato-calix[6]arene by Glycine, Glycyl-glycine, and Glycyl-glycyl-glycine in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2012, 41, 2074-2081.	0.6	6
63	Ionic strength effect on deprotonation of para-sulfonatocalix[4]arene. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 681-688.	0.4	6
64	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> , 2019, 128, 34-44.	1.0	6
65	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> , 2019, 133, 161-169.	1.0	6
66	o-Nitroacetanilide Equilibrium Solubility in 15 Monosolvents: Experimental Determination, Mathematical Correlation, and Solvent Effect Examination. <i>Journal of Chemical &amp; Engineering Data</i> , 2021, 66, 2124-2133.	1.0	6
67	Acetamidiprid in several binary aqueous solutions: Solubility, intermolecular interactions and solvation behavior. <i>Journal of Chemical Thermodynamics</i> , 2022, 172, 106828.	1.0	6
68	Investigation into Solubility and Solvent Effect of 2-Aminopyridine in Different Mono-Solvents Over Temperatures from 273.15 to 313.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2022, 67, 1588-1595.	1.0	6
69	Interaction of dioxouranium(VI) ion with serine at different ionic strengths. <i>Journal of Molecular Liquids</i> , 2007, 135, 27-31.	2.3	5
70	Solvent effect and preferential solvation of cefpiramide in cosolvent plus water mixtures. <i>Journal of Molecular Liquids</i> , 2019, 276, 318-324.	2.3	5
71	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> , 2019, 131, 478-488.	1.0	5
72	Complexation of dioxovanadium(V) and dioxouranium(VI) by p-sulphonato-calix[4]arene in aqueous solution. <i>Journal of Molecular Liquids</i> , 2011, 159, 161-164.	2.3	4

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73	Protonation of Tetrakis(4-sulfonatophenyl)porphyrin in Aqueous Solutions of Acetonitrile and Dioxane. <i>Journal of Solution Chemistry</i> , 2012, 41, 1033-1043.	0.6	4
74	Solute-Solvent Interaction Effects on Protonation and Aggregation Constants of TTMAPP in Different Aqueous Solutions of Methanol. <i>Journal of Solution Chemistry</i> , 2013, 42, 1559-1571.	0.6	4
75	Thermodynamic Modelling for Solubility of 3-Methyl-2-nitrobenzoic Acid in Nine Organic Solvents from T (283.15-318.15K) and Dissolution Properties. <i>Journal of Solution Chemistry</i> , 2018, 47, 1224-1245.	0.6	4
76	Spectral Study of Intermolecular Interactions in Some Sulfolane/Alcoholic Binary Mixtures Using Solvatochromic Measurements. <i>Journal of Solution Chemistry</i> , 2019, 48, 905-919.	0.6	4
77	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> , 2019, 48, 732-747.	0.6	4
78	Equilibrium solubility determination, modelling and preferential solvation of bioactive iminodibenzyl in aqueous co-solvent mixtures at various temperatures. <i>Journal of Chemical Thermodynamics</i> , 2019, 132, 206-213.	1.0	4
79	Apixaban (I) in several aqueous co-solvent mixtures: Solubility, solvent effect and preferential solvation. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106200.	1.0	4
80	Hesperetin Solubility in Aqueous Co-solvent Mixtures of Methanol and Ethanol: Solute Descriptors, Solvent Effect and Preferential Solvation Analysis. <i>Journal of Solution Chemistry</i> , 2020, 49, 179-194.	0.6	4
81	Deprotonation of para-sulphonatocalix[4]arene in water-methanol mixtures. <i>Physics and Chemistry of Liquids</i> , 2013, 51, 447-456.	0.4	3
82	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> , 2020, 143, 106045.	1.0	3
83	Solubility of monobenzene in aqueous co-solvent mixtures of several alcohols: Determination, modelling and thermodynamic aspects analysis. <i>Journal of Chemical Thermodynamics</i> , 2020, 142, 106023.	1.0	3
84	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> , 2021, 66, 3531-3542.	1.0	3
85	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> , 2020, 148, 106138.	1.0	3
86	Contribution from non-ideality and preferential solvation to non-linear solvatochromism in binary mixtures. <i>Journal of Molecular Liquids</i> , 2022, 349, 118515.	2.3	3
87	Equilibrium Solubility of 5-Nitrosalicylic Acid in Different Neat Solvents Ranging from 278.15/288.15 to 323.15 K and Its Solvent Effect. <i>Journal of Chemical &amp; Engineering Data</i> , 2022, 67, 1016-1024.	1.0	3
88	Quantitative molecular surface analysis of doxofylline and its thermodynamic solubility behavior in aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2022, 171, 106792.	1.0	3
89	Complexation of Dioxovanadium(V) with Cysteine in Different Ionic Media: Salt Effects and Formation Constant. <i>Reviews in Inorganic Chemistry</i> , 2009, 29, 37-48.	1.8	2
90	Thermodynamic modeling of naringenin protonation equilibria in NaClO <sub>4</sub> aqueous solutions by specific ion interaction theory and Pitzer equations. <i>Journal of Chemical Sciences</i> , 2015, 127, 1067-1074.	0.7	2

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91	Solvent effect on protonation of tpps in water-DMF mixtures. Bulletin of the Chemical Society of Ethiopia, 2017, 30, 457.	0.5	2
92	Solubility and Dissolution Thermodynamics of Cefmetazole Acid in Four Neat Solvents and Preferential Solvation in Co-Solvent Mixtures of (Methanol, Ethanol or Isopropanol)+Water. Journal of Solution Chemistry, 2018, 47, 838-854.	0.6	2
93	Solvatochromism in some cosolvent mixtures of sulfolane and aliphatic alcohols: a tool to predict preferential solvation. Canadian Journal of Chemistry, 2020, 98, 134-144.	0.6	2
94	Solvatochromic Measurement of KAT Parameters and Modeling Preferential Solvation in Green Potential Binary Mixtures of <i>N</i> -Formylmorpholine with Water, Alcohols, and Ethyl Acetate. Journal of Chemical & Engineering Data, 2020, 65, 5458-5466.	1.0	2
95	Solubility, Solvent Effect, and Solvation Performance of MBQ-167 in Aqueous Cosolvent Solutions. Journal of Chemical & Engineering Data, 2021, 66, 4725-4739.	1.0	2
96	1-Phenylurea Equilibrium Solubility in Several Mono-Solvents from 283.15 to 323.15 K. Journal of Chemical & Engineering Data, 2022, 67, 3210-3221.	1.0	2
97	Solvent Effect and Preferential Solvation Analysis of Isophthalic Acid Solubility in Acetone (1)+Water (2) and Acetic Acid (1)+Water (2) Mixtures. Journal of Solution Chemistry, 2022, 51, 1148-1161.	0.6	2
98	Maraviroc in aqueous co-solvent solutions of n-propanol, ethanol, dimethyl sulfoxide and N,N-dimethylformamide: Solubility determination, preferential solvation and solvent effect analysis. Journal of Chemical Thermodynamics, 2020, 143, 106044.	1.0	1
99	Solvent effect, transfer property and preferential solvation of artesunate in aqueous co-solvent mixtures of some alcohols. Physics and Chemistry of Liquids, 2021, 59, 454-466.	0.4	1
100	Milrinone solubility in aqueous cosolvent solutions revisited: Inter/intra-molecular interactions, enthalpy-entropy compensation, and preferential solvation. Journal of Molecular Liquids, 2022, 360, 119452.	2.3	1
101	Autoprotolysis in water/methanol/NaCl ternary systems. Journal of the Serbian Chemical Society, 2013, 78, 1561-1567.	0.4	0
102	Remarks on measurement and correlation of solubility of tetracycline hydrochloride in six organic solvents. Journal of Chemical Thermodynamics, 2019, 130, 163-165.	1.0	0
103	Solubility modeling and solvation behavior of 3,3'-diamino diphenylsulfone in binary aqueous mixtures of isopropanol, methanol, ethanol and N,N-dimethylformamide. Journal of Chemical Thermodynamics, 2021, 163, 106612.	1.0	0
104	Solvatochromism of naringenin in aqueous alcoholic mixtures. Journal of the Serbian Chemical Society, 2016, 81, 1161-1169.	0.4	0
105	Preferential solvation of quercetin in aqueous aprotic solvent mixtures. Journal of the Serbian Chemical Society, 2020, 85, 227-236.	0.4	0
106	Solvent Effects on Protonation Process of Clindamycin in Mixed Solvents. Current Science, 2020, 119, 374.	0.4	0