

# Jian Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/422345/publications.pdf>

Version: 2024-02-01

46  
papers

938  
citations

430442

18  
h-index

454577

30  
g-index

46  
all docs

46  
docs citations

46  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubility determination and thermodynamic models for dehydroepiandrosterone acetate in mixed solvents of (ethyl acetate + methanol), (ethyl acetate + ethanol) and (ethyl acetate + isopropanol). Journal of Chemical Thermodynamics, 2016, 101, 372-379.	1.0	98
2	Solubility Measurement and Thermodynamic Modeling of 4-Nitrophthalimide in Twelve Pure Solvents at Elevated Temperatures Ranging from (273.15 to 323.15) K. Journal of Chemical & Engineering Data, 2016, 61, 2525-2535.	1.0	78
3	Solubility determination and thermodynamic modelling of terephthalaldehyde in ten organic solvents from T = (273.15 to 318.15) K and mixing properties of solutions. Journal of Chemical Thermodynamics, 2016, 102, 188-198.	1.0	67
4	Determination and thermodynamic modelling for 2-methyl-6-nitroaniline solubility in binary solvent mixtures of ethyl acetate + (methanol, ethanol, n -propanol and isopropanol). Journal of Chemical Thermodynamics, 2017, 105, 404-413.	1.0	53
5	Solubility determination and thermodynamic functions of 2-chlorophenothiazine in nine organic solvents from T=283.15K to T=318.15K and mixing properties of solutions. Journal of Chemical Thermodynamics, 2017, 106, 132-144.	1.0	49
6	Solubility of 2-nitro-p-phenylenediamine in nine pure solvents and mixture of (methanol+N-methyl-2-pyrrolidone) from T=(283.15 to 318.15)K: Determination and modelling. Journal of Chemical Thermodynamics, 2017, 108, 45-58.	1.0	46
7	Determination and correlation of terephthalaldehyde solubility in (ethanol, isopropanol, ethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 K. Journal of Chemical Thermodynamics, 2017, 105, 327-336.	1.0	42
8	Thermodynamic modelling for solubility of 5-chloro-1-methyl-4-nitroimidazole in eleven organic solvents from T = (283.15 to 318.15) K. Journal of Chemical Thermodynamics, 2017, 105, 58-70.	1.0	40
9	Solubility and solution thermodynamics of 4-hydroxybenzaldehyde in twelve organic solvents from T = (278.15 to 318.15) K. Journal of Molecular Liquids, 2017, 237, 226-235.	2.3	37
10	Solubility and Dissolution Thermodynamics for 1,3,5-Trichlorobenzene in Organic Solvents. Journal of Chemical & Engineering Data, 2016, 61, 380-390.	1.0	31
11	Solubility determination and thermodynamic modeling of 2,4-dinitroaniline in nine organic solvents from T = (278.15 to 318.15) K and mixing properties of solutions. Journal of Chemical Thermodynamics, 2016, 102, 178-187.	1.0	30
12	Equilibrium solubility of dinitolmide in several neat solvents and binary aqueous co-solvent mixtures: Experimental determination and thermodynamic analysis. Journal of Chemical Thermodynamics, 2019, 132, 373-382.	1.0	30
13	Solubility and Solution Thermodynamics of 3-Nitrophthalonitrile in 12 Neat Solvents at Temperatures from 278.15 to 323.15 K. Journal of Chemical & Engineering Data, 2019, 64, 3250-3259.	1.0	26
14	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. Journal of Chemical Thermodynamics, 2015, 90, 259-269.	1.0	24
15	Solubility of 3-chloro- N -phenylphthalimide in ten organic solvents from T = (288.15 to 323.15) K: Determination and modelling. Journal of Chemical Thermodynamics, 2016, 96, 187-195.	1.0	22
16	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. Fluid Phase Equilibria, 2015, 397, 103-110.	1.4	21
17	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. Journal of Chemical & Engineering Data, 2016, 61, 2105-2113.	1.0	19
18	Solubility Study and Mixing Property of 3,5-Dinitro-2-methylbenzoic Acid in 13 Pure Solvents from 288.15 to 333.15 K. Journal of Chemical & Engineering Data, 2019, 64, 3652-3660.	1.0	19

#	ARTICLE	IF	CITATIONS
19	4-Chloro-2-nitroaniline Solubility in Several Pure Solvents: Determination, Modeling, and Solvent Effect Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 222-232.	1.0	18
20	Solubility modelling and thermodynamic dissolution functions of phthalimide in ten organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2016, 94, 160-168.	1.0	17
21	Solubility Measurement and Thermodynamic Model Correlation and Evaluation of 2-Chloro-5-nitroaniline in 12 Pure Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 1357-1365.	1.0	16
22	Determination and thermodynamic modeling of solid-liquid phase equilibrium for 3,5-dichloroaniline in pure solvents and ternary 3,5-dichloroaniline+1,3,5-trichlorobenzene+toluene system. <i>Journal of Chemical Thermodynamics</i> , 2016, 98, 288-297.	1.0	14
23	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
24	Solubility of D-Aspartic Acid in Several Neat Solvents: Determination, Modeling, and Solvent Effect Analysis. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 2904-2910.	1.0	14
25	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> , 2020, 65, 2894-2902.	1.0	13
26	Solubility of amiodarone hydrochloride in aqueous co-solvent mixtures revisited: IBKI preferential solvation analysis. <i>Journal of Chemical Thermodynamics</i> , 2017, 112, 276-282.	1.0	12
27	Physicochemical properties of switchable-hydrophilicity solvent systems: N,N-Dimethylcyclohexylamine, water and carbon dioxide. <i>Journal of Chemical Thermodynamics</i> , 2019, 133, 1-9.	1.0	12
28	Solubility Modeling of 4-(Methylsulfonyl)benzaldehyde in Nine Organic Solvents at Elevated Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 1657-1666.	1.0	11
29	Solubility determination and thermodynamic dissolution functions of 1,3-diphenylguanidine in nine organic solvents at evaluated temperatures. <i>Journal of Chemical Thermodynamics</i> , 2016, 99, 86-95.	1.0	10
30	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> , 2020, 65, 4157-4165.	1.0	10
31	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> , 2017, 104, 50-60.	1.0	8
32	Solubility of Terephthalaldehyde in N-Methyl-2-pyrrolidone and Solid-Liquid Phase Equilibrium for Ternary Systems of Terephthalic Acid + Terephthalaldehyde + N-Dimethylformamide/N-Methyl-2-pyrrolidone. <i>Journal of Chemical &amp; Engineering Data</i> , 2018, 63, 2081-2090.	1.0	7
33	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
34	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> , 2020, 65, 4692-4698.	1.0	5
35	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> , 2020, 65, 2912-2920.	1.0	4
36	Density, viscosity, refractive index and conductivity of switchable hydrophilicity solvent systems: N,N-Dimethylbenzylamine, water and carbon dioxide. <i>Fluid Phase Equilibria</i> , 2018, 459, 94-102.	1.4	3

#	ARTICLE	IF	CITATIONS
37	Measurement and Correlation of Solubility of Gatifloxacin in 12 Pure Solvents from 273.15 K to 318.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 676-681.	1.0	3
38	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
39	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
40	Inter-/intra-molecular interactions, preferential solvation, and dissolution and transfer property for tirofiban in aqueous co-solvent mixtures. <i>Journal of Molecular Liquids</i> , 2022, 361, 119665.	2.3	2
41	Solid-Liquid Phase Equilibrium and Diagram of a Phenylalanine-Hydrogen Peroxide-Water Ternary System. <i>Journal of Chemical &amp; Engineering Data</i> , 2022, 67, 1007-1015.	1.0	1
42	Comment on "Density, Sound Speed, and Viscosity of Dihydropyridine Derivatives in Dimethyl Sulfoxide at Different Temperatures". <i>Journal of Chemical &amp; Engineering Data</i> , 2018, 63, 3165-3166.	1.0	0
43	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> , 2019, 64, 6071-6077.	1.0	0
44	4,4'-Methylene-bis-(2-chloroaniline) Dissolved in Some Neat Solvents: Saturated Solubility, Mixing Properties, and Solvent Effect. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 5018-5029.	1.0	0
45	o-Nitroacetanilide Solubility in Several Aqueous Solutions and Its Mathematical Correlation. <i>Journal of Chemical &amp; Engineering Data</i> , 2022, 67, 786-796.	1.0	0
46	Measurement and Computational Methodologies of 3-Nitrosalicylic Acid Solubility and Preferential Solvation in Several Aqueous Blends. <i>Journal of Chemical &amp; Engineering Data</i> , 0, , .	1.0	0