

Weiwei Tang

List of Publications by Year in descending order

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235
papers

4,995
citations

126708

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all docs

236
docs citations

236
times ranked

2257
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress of Pharmaceutical Continuous Crystallization. <i>Engineering</i> , 2017, 3, 354-364.	3.2	150
2	Recent Developments in the Crystallization Process: Toward the Pharmaceutical Industry. <i>Engineering</i> , 2017, 3, 343-353.	3.2	147
3	Self-template synthesis of core-shell ZnO@ZIF-8 nanospheres and the photocatalysis under UV irradiation. <i>Materials Letters</i> , 2015, 156, 50-53.	1.3	117
4	Thermodynamic analysis and molecular dynamic simulation of the solubility of vortioxetine hydrobromide in three binary solvent mixtures. <i>Journal of Molecular Liquids</i> , 2018, 272, 676-688.	2.3	81
5	Effects of Solvent on Polymorph Formation and Nucleation of Prasugrel Hydrochloride. <i>Crystal Growth and Design</i> , 2014, 14, 4519-4525.	1.4	68
6	Determination and correlation of pyridoxine hydrochloride solubility in different binary mixtures at temperatures from (278.15 to 313.15)K. <i>Journal of Chemical Thermodynamics</i> , 2016, 94, 138-151.	1.0	68
7	Solubility Correlation and Thermodynamic Analysis of Sorafenib Free Base and Sorafenib Tosylate in Monosolvents and Binary Solvent Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 259-267.	1.0	67
8	Solubility and solution thermodynamics of sorbic acid in eight pure organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2015, 85, 202-209.	1.0	66
9	Measurement and Correlation of Solubility of Clopidogrel Hydrogen Sulfate (Metastable Form) in Lower Alcohols. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 2553-2556.	1.0	65
10	Correlation of Solubility and Prediction of the Mixing Properties of Ginsenoside Compound K in Various Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 8141-8148.	1.8	59
11	Correlation and thermodynamic analysis of solubility of diphenhydramine hydrochloride in pure and binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2016, 93, 132-142.	1.0	58
12	Recent Progress in Continuous Crystallization of Pharmaceutical Products: Precise Preparation and Control. <i>Organic Process Research and Development</i> , 2020, 24, 1785-1801.	1.3	57
13	Determination and correlation of solubility and thermodynamic properties of pyraclostrobin in pure and binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2016, 101, 84-91.	1.0	54
14	Nucleation behavior of eszopiclone-butyl acetate solutions from metastable zone widths. <i>Chemical Engineering Science</i> , 2016, 155, 248-257.	1.9	53
15	Measurement and correlation of solubility of dodecanedioic acid in different pure solvents from T=(288.15 to 323.15)K. <i>Journal of Chemical Thermodynamics</i> , 2014, 68, 270-274.	1.0	50
16	Structural Origins of Elastic and 2D Plastic Flexibility of Molecular Crystals Investigated with Two Polymorphs of Conformationally Rigid Coumarin. <i>Chemistry of Materials</i> , 2021, 33, 1053-1060.	3.2	50
17	Solution-Mediated Polymorphic Transformation of Prasugrel Hydrochloride from Form II to Form I. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 5652-5659.	1.8	49
18	Solubility of benzoin in three binary solvent mixtures and investigation of intermolecular interactions by molecular dynamic simulation. <i>Journal of Molecular Liquids</i> , 2017, 243, 472-483.	2.3	49

#	ARTICLE	IF	CITATIONS
19	Caking of crystals: Characterization, mechanisms and prevention. Powder Technology, 2018, 337, 51-67.	2.1	49
20	An odd-even effect on solubility of dicarboxylic acids in organic solvents. Journal of Chemical Thermodynamics, 2014, 77, 91-97.	1.0	46
21	Solubility of androstenedione in lower alcohols. Fluid Phase Equilibria, 2014, 363, 86-96.	1.4	45
22	Measurement and correlation of solubility of thiourea in two solvent mixtures from T=(283.15 to Tj) K. Journal of Chemical Thermodynamics, 2017, 104, 138-149.	1.0	44
23	Thermodynamic analysis and correlation of solubility of candesartan cilexetil in aqueous solvent mixtures. Fluid Phase Equilibria, 2013, 337, 354-362.	1.4	43
24	Solubility of tridecanedioic acid in pure solvent systems: An experimental and computational study. Journal of Chemical Thermodynamics, 2015, 90, 28-38.	1.0	39
25	Determination of the Solubility, Dissolution Enthalpy, and Entropy of Pioglitazone Hydrochloride (Form II) in Different Pure Solvents. Industrial & Engineering Chemistry Research, 2013, 52, 3036-3041.	1.8	38
26	Determination and correlation of solubility and thermodynamic properties of L-methionine in binary solvents of water + (methanol, ethanol, acetone). Journal of Chemical Thermodynamics, 2016, 96, 82-92.	1.0	38
27	Persistent Self-Association of Solute Molecules in Solution. Journal of Physical Chemistry B, 2017, 121, 10118-10124.	1.2	38
28	Investigation of the Crystallization of Disodium 5-Inosinate in a Water + Ethanol System: Solubility, Nucleation Mechanism, and Crystal Morphology. Industrial & Engineering Chemistry Research, 2014, 53, 8913-8919.	1.8	37
29	Determination and modelling of troxerutin solubility in eleven mono-solvents and (1,4-dioxane +) Thermodynamics, 2017, 104, 138-149.	1.0	37
30	Measurement and correlation of the solubility of 4,4'-oxydianiline in different organic solvents. Fluid Phase Equilibria, 2013, 356, 38-45.	1.4	36
31	Solubility of L-histidine in different aqueous binary solvent mixtures from 283.15 K to 318.15 K with experimental measurement and thermodynamic modelling. Journal of Chemical Thermodynamics, 2017, 105, 1-14.	1.0	36
32	Investigation on the Spherical Crystallization Process of Cefotaxime Sodium. Industrial & Engineering Chemistry Research, 2010, 49, 1402-1411.	1.8	35
33	Solvent-mediated morphology selection of the active pharmaceutical ingredient isoniazid: Experimental and simulation studies. Chemical Engineering Science, 2019, 204, 320-328.	1.9	35
34	Measurement and correlation of solubility and dissolution properties of flunixin meglumine in pure and binary solvents. Fluid Phase Equilibria, 2015, 403, 145-152.	1.4	34
35	Spherulitic Crystallization of L-Tryptophan: Characterization, Growth Kinetics, and Mechanism. Crystal Growth and Design, 2015, 15, 5124-5132.	1.4	34
36	Thermodynamic study of solubility for pyrazinamide in ten solvents from T = (283.15 to 323.15) K. Journal of Chemical Thermodynamics, 2017, 112, 204-212.	1.0	34

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37	Tuning Physicochemical Properties of Antipsychotic Drug Aripiprazole with Multicomponent Crystal Strategy Based on Structure and Property Relationship. <i>Crystal Growth and Design</i> , 2020, 20, 3747-3761.	1.4	34
38	Ultrasound-assisted intensified crystallization of L-glutamic acid: Crystal nucleation and polymorph transformation. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 105227.	3.8	34
39	Measurement and Correlation of the Solubility of Penicillin V Potassium in Ethanol + Water and 1-Butyl Alcohol + Water Systems. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 112-117.	1.0	33
40	Insight into Solvent-Dependent Conformational Polymorph Selectivity: The Case of Undecanedioic Acid. <i>Crystal Growth and Design</i> , 2018, 18, 5947-5956.	1.4	33
41	New Salts and Cocrystals of Pymetrozine with Improvements on Solubility and Humidity Stability: Experimental and Theoretical Study. <i>Crystal Growth and Design</i> , 2021, 21, 2371-2388.	1.4	33
42	Determination and correlation of solubility and thermodynamics of mixing of 4-aminobutyric acid in mono-solvents and binary solvent mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016, 102, 276-286.	1.0	32
43	Design and mechanism of the formation of spherical KCl particles using cooling crystallization without additives. <i>Powder Technology</i> , 2018, 329, 455-462.	2.1	32
44	Oiling-Out Investigation and Morphology Control of β -Alanine Based on Ternary Phase Diagrams. <i>Crystal Growth and Design</i> , 2018, 18, 818-826.	1.4	32
45	Determination and correlation of solubility and solution thermodynamics of oxiracetam in three (alcohol + water) binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2016, 96, 12-23.	1.0	31
46	Solubility of Benzoin in Six Monosolvents and in Some Binary Solvent Mixtures at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 3071-3083.	1.0	31
47	Effects of Additives on the Morphology of Thiamine Nitrate: The Great Difference of Two Kinds of Similar Additives. <i>Crystal Growth and Design</i> , 2018, 18, 775-785.	1.4	31
48	Evaluation on Cocrystal Screening Methods and Synthesis of Multicomponent Crystals: A Case Study. <i>Crystal Growth and Design</i> , 2021, 21, 4531-4546.	1.4	29
49	Polymorphic Crystallization and Transformation of Candesartan Cilexetil. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 12910-12916.	1.8	28
50	Experimental Determination and Computational Prediction of Androstenedione Solubility in Alcohol + Water Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 11538-11549.	1.8	28
51	Measurement and Correlation of the Solubility of Maltitol in Different Pure Solvents, Methanol-Water Mixtures, and Ethanol-Water Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 1065-1070.	1.0	28
52	The liquid-liquid phase separation and crystallization of vanillin in 1-propanol/water solution. <i>Fluid Phase Equilibria</i> , 2016, 409, 84-91.	1.4	28
53	Revealing the roles of solvation in D-mannitol's polymorphic nucleation. <i>CrystEngComm</i> , 2018, 20, 7435-7445.	1.3	28
54	Oiling out and Polymorphism Control of Pyraclostrobin in Cooling Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 11631-11637.	1.8	27

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55	Process Design for Antisolvent Crystallization of Erythromycin Ethylsuccinate in Oiling-out System. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 7484-7492.	1.8	27
56	Organic solvent effects on solid-liquid phase equilibrium of d -mannitol and aqueous binary solvents: An experimental and computational study. <i>Journal of Molecular Liquids</i> , 2017, 238, 411-422.	2.3	27
57	Higher-Order Self-Assembly of Benzoic Acid in Solution. <i>Crystal Growth and Design</i> , 2017, 17, 5049-5053.	1.4	27
58	Interplay between Kinetics and Thermodynamics on the Probability Nucleation Rate of a Urea-Water Crystallization System. <i>Crystal Growth and Design</i> , 2018, 18, 2305-2315.	1.4	27
59	Ultrasonic Irradiation and Seeding To Prevent Metastable Liquid-Liquid Phase Separation and Intensify Crystallization. <i>Crystal Growth and Design</i> , 2018, 18, 2628-2635.	1.4	27
60	Assessment of ECMWF reanalysis data in complex terrain: Can the CERA-20C and ERA-Interim data sets replicate the variation in surface air temperatures over Sichuan, China?. <i>International Journal of Climatology</i> , 2019, 39, 5619-5634.	1.5	27
61	Correlation of Solubilities of Hydrophilic Pharmaceuticals versus Dielectric Constants of Binary Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 6933-6938.	1.8	26
62	Glycine's pH-Dependent Polymorphism: A Perspective from Self-Association in Solution. <i>Crystal Growth and Design</i> , 2017, 17, 5028-5033.	1.4	26
63	Solid-liquid phase equilibrium and thermodynamic analysis of griseofulvin in twelve mono-solvents. <i>Journal of Molecular Liquids</i> , 2019, 296, 111861.	2.3	26
64	Seeding Techniques and Optimization of Solution Crystallization Processes. <i>Organic Process Research and Development</i> , 2020, 24, 1839-1849.	1.3	26
65	Solubility measurement, thermodynamic correlation and molecular simulations of uracil in (alcohol+water) binary solvents at (283.15-318.15) K. <i>Journal of Molecular Liquids</i> , 2020, 318, 114259.	2.3	26
66	Exploring the physical stability of three nimesulide-indomethacin co-amorphous systems from the perspective of molecular aggregates. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 147, 105294.	1.9	26
67	Solid-liquid equilibrium behavior and thermodynamic analysis of p-aminobenzoic acid using experimental measurement and molecular dynamic simulation. <i>Journal of Molecular Liquids</i> , 2021, 323, 114964.	2.3	26
68	Temperature and solvent dependent apparent thermodynamic behavior of 2-Mercaptomethyl Benzimidazole in pure and binary solvents from 283.15 K to 328.15 K. <i>Journal of Molecular Liquids</i> , 2017, 248, 501-508.	2.3	25
69	Strategy of selecting solvent systems for spherical agglomeration by the Lifshitz-van der Waals acid-base approach. <i>Chemical Engineering Science</i> , 2020, 220, 115613.	1.9	25
70	Solubility of Minoxidil in Methanol, Ethanol, 1-Propanol, 2-Propanol, 1-Butanol, and Water from (278.15 to 333.15) K. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 2720-2722.	1.0	24
71	Concomitant Polymorphism of Prasugrel Hydrochloride in Reactive Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 16182-16189.	1.8	24
72	Experimental and Modeling Studies on the Solubility of γ -Pantolactone in Four Pure Solvents and Ethanol-Water Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 870-875.	1.0	24

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73	Measurement and correlation of solubility of boscalid with thermodynamic analysis in pure and binary solvents from 288.15 K to 313.15 K. <i>Journal of Chemical Thermodynamics</i> , 2017, 112, 178-187.	1.0	24
74	Polymorph Control by Investigating the Effects of Solvent and Supersaturation on Clopidogrel Hydrogen Sulfate in Reactive Crystallization. <i>Crystal Growth and Design</i> , 2017, 17, 6123-6131.	1.4	24
75	Optimization of cooling strategy and seeding by FBRM analysis of batch crystallization. <i>Journal of Crystal Growth</i> , 2018, 486, 1-9.	0.7	24
76	The effects of solvent properties on solid-liquid phase equilibrium of ethylene thiourea. <i>Journal of Molecular Liquids</i> , 2019, 285, 459-467.	2.3	24
77	Amorphous and humidity caking: A review. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 1429-1438.	1.7	24
78	Solubility of 5-Amino- <i>N</i> -bis(2,3-dihydroxypropyl)-2,4,6-triiodobenzene-1,3-dicarboxamide in Ethanol + Water Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 2355-2357.	1.0	23
79	Determination and Correlation of Solubility of Quetiapine Fumarate in Nine Pure Solvents and Two Aqueous Binary Solvents. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 4144-4153.	1.0	23
80	Insight into the role of piperazine in the thermodynamics and nucleation kinetics of the triethylenediamine-methyl tertiary butyl ether system. <i>CrystEngComm</i> , 2019, 21, 948-956.	1.3	23
81	Phase Transformation between Anhydrate and Monohydrate of Sodium Dehydroacetate. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 3438-3444.	1.8	22
82	Measurement and Correlation of the Solubility of Azoxystrobin in Seven Monosolvents and Two Different Binary Mixed Solvents. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 3967-3980.	1.0	22
83	Novel Strategy to Control Polymorph Nucleation of Gamma Pyrazinamide by Preferred Intermolecular Interactions during Heterogeneous Nucleation. <i>Crystal Growth and Design</i> , 2018, 18, 4874-4879.	1.4	22
84	The Phase Transformation and Formation Mechanism of Isostructural Solvates: A Case Study of Azoxystrobin. <i>Crystal Growth and Design</i> , 2019, 19, 1550-1558.	1.4	22
85	Tuning crystallization and stability of the metastable polymorph of <i>D</i> -methionine by a structurally similar additive. <i>CrystEngComm</i> , 2019, 21, 3731-3739.	1.3	22
86	Highly-efficient production of spherical co-agglomerates of drugs via an organic solvent-free process and a mechanism study. <i>Green Chemistry</i> , 2021, 23, 2710-2721.	4.6	22
87	Antisolvent Crystallization of Erythromycin Ethylsuccinate in the Presence of Liquid-Liquid Phase Separation. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 766-776.	1.8	21
88	Design of Spherical Crystallization for Drugs Based on Thermal-Induced Liquid-Liquid Phase Separation: Case Studies of Water-Insoluble Drugs. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 20401-20411.	1.8	21
89	Kinetic Difference between Concomitant Polymorphism and Solvent-Mediated Phase Transformation: A Case of Tolfenamic Acid. <i>Crystal Growth and Design</i> , 2020, 20, 1779-1788.	1.4	21
90	Design of Spherical Crystallization of Active Pharmaceutical Ingredients via a Highly Efficient Strategy: From Screening to Preparation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 9018-9032.	3.2	21

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91	Spherical agglomeration of high melting point drugs in water at low temperature by developing a two-step oiling-out mechanism and the design strategy. <i>Green Chemistry</i> , 2022, 24, 5779-5791.	4.6	21
92	Two novel cocrystals of lamotrigine with isomeric bipyridines and in situ monitoring of the cocrystallization. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 110, 19-25.	1.9	20
93	Polymorphism of levofloxacin: structure, properties and phase transformation. <i>CrystEngComm</i> , 2019, 21, 6196-6207.	1.3	20
94	Solid-liquid phase equilibrium and thermodynamic analysis of metal dithiolene complex: The case of zinc dibutylidithiocarbamate. <i>Journal of Molecular Liquids</i> , 2019, 284, 547-556.	2.3	20
95	Revealing the role of a surfactant in the nucleation and crystal growth of thiamine nitrate: experiments and simulation studies. <i>CrystEngComm</i> , 2019, 21, 3576-3585.	1.3	20
96	Understanding the solid-liquid phase equilibrium of 3,5-dimethoxybenzoic acid in thirteen pure solvents by thermodynamic analysis and molecular simulation. <i>Journal of Molecular Liquids</i> , 2021, 332, 115882.	2.3	20
97	Measurement and Correlation of Solubility of Azithromycin Monohydrate in Five Pure Solvents. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 784-791.	1.0	19
98	Size Control of Atorvastatin Calcium Particles Based on Spherical Agglomeration. <i>Chemical Engineering and Technology</i> , 2015, 38, 1081-1087.	0.9	19
99	Determination and correlation of solubility of thiamine nitrate in water+ethanol mixtures and aqueous solution with different pH values from 278.15K to 303.15K. <i>Fluid Phase Equilibria</i> , 2015, 400, 53-61.	1.4	19
100	Measurement of Solubility of Thiamine Hydrochloride Hemihydrate in Three Binary Solvents and Mixing Properties of Solutions. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 3665-3678.	1.0	19
101	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> , 2016, 97, 9-16.	1.0	19
102	Unveiling the Critical Roles of Aromatic Interactions in the Crystal Nucleation Pathway of Flufenamic Acid. <i>Crystal Growth and Design</i> , 2019, 19, 7175-7184.	1.4	19
103	Understanding the Role of Citric Acid on the Crystallization Pathways of Calcium Oxalate Hydrates. <i>Crystal Growth and Design</i> , 2019, 19, 3139-3147.	1.4	19
104	Growth defects of organic crystals: A review. <i>Chemical Engineering Journal</i> , 2022, 429, 132450.	6.6	19
105	Measurement and Correlation of Solubility of $\hat{1}^3$ -Aminobutyric Acid in Different Binary Solvents. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 1210-1220.	1.0	18
106	Solution-Mediated Phase Transformation of Argatroban: Ternary Phase Diagram, Rate-Determining Step, and Transformation Kinetics. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 4539-4548.	1.8	18
107	Determination and correlation of Avermectin B1a solubility in different binary solvent mixtures at temperatures from (283.15 to 313.15) K. <i>Journal of Chemical Thermodynamics</i> , 2017, 105, 253-266.	1.0	18
108	Understanding the Roles of Oiling-out on Crystallization of $\hat{1}^2$ -Alanine: Unusual Behavior in Metastable Zone Width and Surface Nucleation during Growth Stage. <i>Crystal Growth and Design</i> , 2018, 18, 6885-6890.	1.4	18

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109	Nucleation behavior of ethyl vanillin: Balance between chemical potential difference and saturation temperature. <i>Journal of Molecular Liquids</i> , 2020, 303, 112609.	2.3	18
110	Form selection of concomitant polymorphs: A case study informed by crystallization kinetics modeling. <i>AIChE Journal</i> , 2021, 67, e17129.	1.8	18
111	Caking and adhesion free energy of maltitol: Studying of mechanism in adhesion process. <i>Powder Technology</i> , 2015, 272, 235-240.	2.1	17
112	Phase Transfer Directed Synthesis of Hollow Zeolitic Imidazolate Frameworks-67 Nanocages. <i>Crystal Growth and Design</i> , 2017, 17, 3-6.	1.4	17
113	Temperature and solvent dependent thermodynamic behavior of tetrabromobisphenol A. <i>Journal of Molecular Liquids</i> , 2017, 241, 150-162.	2.3	17
114	Crystal morphology optimization of thiamine hydrochloride in solvent system: Experimental and molecular dynamics simulation studies. <i>Journal of Crystal Growth</i> , 2018, 481, 48-55.	0.7	17
115	Effects of Temperature and Solvent Properties on the Liquid-Solid Phase Equilibrium of β -Pyrazinamide. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 3667-3678.	1.0	17
116	Design of the spherical agglomerate size in crystallization by developing a two-step bridging mechanism and the model. <i>AIChE Journal</i> , 2022, 68, e17526.	1.8	17
117	Determination and correlation of solubility and thermodynamic properties of eszopiclone in pure and mixed solvents. <i>Journal of Molecular Liquids</i> , 2016, 221, 1035-1044.	2.3	16
118	Thermodynamic and molecular investigation into the solubility, stability and self-assembly of gabapentin anhydrate and hydrate. <i>Journal of Chemical Thermodynamics</i> , 2017, 113, 132-143.	1.0	16
119	Solubility and Data Correlation of Isoniazid in Different Pure and Binary Mixed Solvent Systems from 283.15 K to 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 0, .	1.0	16
120	Spherulitic growth and morphology control of lithium carbonate: the stepwise evolution of core-shell structures. <i>Powder Technology</i> , 2019, 355, 617-628.	2.1	16
121	Transformation between Two Types of Spherulitic Growth: Tuning the Morphology of Spherulitic Nitroguanidine in a Gelatin Solution. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 21167-21176.	1.8	16
122	A New Perspective of Gallic Acid on Calcium Oxalate Nucleation. <i>Crystal Growth and Design</i> , 2020, 20, 3173-3181.	1.4	16
123	Solubility determination and thermodynamic modelling of allisartan isoproxil in different binary solvent mixtures from T= (278.15 to 313.15) K and mixing properties of solutions. <i>Journal of Chemical Thermodynamics</i> , 2016, 103, 432-445.	1.0	15
124	Temperature-dependent solubility of β -Alanine in different binary solvents from 288.15 K to 323.15 K: Measurement and thermodynamic modeling. <i>Journal of Molecular Liquids</i> , 2017, 232, 522-531.	2.3	15
125	Polymorphs of daidzein and intermolecular interaction effect on solution crystallization. <i>CrystEngComm</i> , 2017, 19, 7146-7153.	1.3	15
126	Spherical Crystallization and the Mechanism of Clopidogrel Hydrogen Sulfate. <i>Chemical Engineering and Technology</i> , 2018, 41, 1259-1265.	0.9	15

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127	Solid-Liquid Phase Equilibrium and Thermodynamic Analysis of <i>N,N</i> -Diethylthiourea in Different Solvent Systems. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 6031-6040.	1.0	15
128	Polymorphism and molecular conformations of nicosulfuron: structure, properties and desolvation process. <i>CrystEngComm</i> , 2019, 21, 2790-2798.	1.3	15
129	Measurement and Correlation of the Solubility of Tetramethylpyrazine in Nine Monosolvents and Two Binary Solvent Systems. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 995-1006.	1.0	15
130	Correlation and Thermodynamic Analysis of Solubility of Mesotrione in Pure Solvents. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 877-884.	1.0	15
131	Solubility of benorilate in twelve monosolvents: Determination, correlation and COSMO-RS analysis. <i>Journal of Chemical Thermodynamics</i> , 2021, 152, 106272.	1.0	15
132	Revealing dissolution behavior of o-methoxybenzoic acid in twelve pure solvents using thermodynamic analysis and molecular simulation. <i>Journal of Molecular Liquids</i> , 2021, 336, 116242.	2.3	15
133	Solubility of Ibuprofen Sodium Dihydrate in Acetone + Water Mixtures: Experimental Measurement and Thermodynamic Modeling. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 3415-3421.	1.0	14
134	Agglomeration Mechanism of Azithromycin Dihydrate in Acetone-Water Mixtures and Optimization of the Powder Properties. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4905-4910.	1.8	14
135	Thermodynamic analysis and molecular dynamic simulation of solid-liquid phase equilibrium of griseofulvin in three binary solvent systems. <i>Journal of Molecular Liquids</i> , 2019, 294, 111600.	2.3	14
136	Experimental determination and prediction of the solubility of alpha-(trichloromethyl) benzyl acetate in monosolvents and binary mixed solvents. <i>Journal of Molecular Liquids</i> , 2019, 294, 111633.	2.3	14
137	Control of Crystal Properties in a Mixed-Suspension Mixed-Product Removal Crystallizer: General Methods and the Effects of Secondary Nucleation. <i>Crystal Growth and Design</i> , 2019, 19, 3070-3084.	1.4	14
138	Enhancing Stability and Formulation Capability of Fungicides by Cocrystallization through a Novel Multistep Slurry Conversion Process. <i>Crystal Growth and Design</i> , 2020, 20, 7356-7367.	1.4	14
139	Green Mechanochemical Strategy for the Discovery and Selective Preparation of Polymorphs of Active Pharmaceutical Ingredient γ -Aminobutyric Acid (GABA). <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16781-16790.	3.2	14
140	Investigation of Drug-Polymer Miscibility, Molecular Interaction, and Their Effects on the Physical Stabilities and Dissolution Behaviors of Norfloxacin Amorphous Solid Dispersions. <i>Crystal Growth and Design</i> , 2020, 20, 2952-2964.	1.4	14
141	Insight into the morphology and crystal growth of DL-methionine in aqueous solution with presence of cellulose polymers. <i>Journal of Molecular Liquids</i> , 2021, 343, 116967.	2.3	14
142	Ultrasound-assisted solution crystallization of fotaliptin benzoate: Process intensification and crystal product optimization. <i>Ultrasonics Sonochemistry</i> , 2021, 76, 105634.	3.8	14
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