

Weiwei Tang

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221
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3,275
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236
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4,121
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
221	Recent Developments in the Crystallization Process: Toward the Pharmaceutical Industry. <i>Engineering</i> , 2017 , 3, 343-353	9.7	100
220	Progress of Pharmaceutical Continuous Crystallization. <i>Engineering</i> , 2017 , 3, 354-364	9.7	100
219	Self-template synthesis of core-shell ZnO@ZIF-8 nanospheres and the photocatalysis under UV irradiation. <i>Materials Letters</i> , 2015 , 156, 50-53	3.3	98
218	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	2.8	61
217	Solubility and solution thermodynamics of sorbic acid in eight pure organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2015 , 85, 202-209	2.9	58
216	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	6	56
215	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	2.9	54
214	Effects of Solvent on Polymorph Formation and Nucleation of Prasugrel Hydrochloride. <i>Crystal Growth and Design</i> , 2014 , 14, 4519-4525	3.5	53
213	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	3.9	51
212	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	2.9	46
211	Correlation and thermodynamic analysis of solubility of diphenhydramine hydrochloride in pure and binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2016 , 93, 132-142	2.9	45
210	Solution-Mediated Polymorphic Transformation of Prasugrel Hydrochloride from Form II to Form I. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 5652-5659	3.9	43
209	Solubility of androstenedione in lower alcohols. <i>Fluid Phase Equilibria</i> , 2014 , 363, 86-96	2.5	43
208	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	2.9	43
207	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	2.8	42
206	An odd-even effect on solubility of dicarboxylic acids in organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2014 , 77, 91-97	2.9	41
205	Measurement and correlation of solubility of thiourea in two solvent mixtures from T = (283.15 to 313.15) K. <i>Journal of Chemical Thermodynamics</i> , 2016 , 94, 110-118	2.9	38

204	Thermodynamic analysis and correlation of solubility of candesartan cilexetil in aqueous solvent mixtures. <i>Fluid Phase Equilibria</i> , 2013 , 337, 354-362	2.5	37
203	Determination and correlation of solubility and thermodynamic properties of L-methionine in binary solvents of water + (methanol, ethanol, acetone). <i>Journal of Chemical Thermodynamics</i> , 2016 , 96, 82-92	2.9	36
202	Measurement and correlation of the solubility of 4,4'-oxydianiline in different organic solvents. <i>Fluid Phase Equilibria</i> , 2013 , 356, 38-45	2.5	34
201	Solubility of tridecanedioic acid in pure solvent systems: An experimental and computational study. <i>Journal of Chemical Thermodynamics</i> , 2015 , 90, 28-38	2.9	33
200	Measurement and correlation of solubility and dissolution properties of flunixin meglumine in pure and binary solvents. <i>Fluid Phase Equilibria</i> , 2015 , 403, 145-152	2.5	31
199	Determination of the Solubility, Dissolution Enthalpy, and Entropy of Pioglitazone Hydrochloride (Form II) in Different Pure Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 3036-3041	2.9	31
198	Nucleation behavior of eszopiclone-butyl acetate solutions from metastable zone widths. <i>Chemical Engineering Science</i> , 2016 , 155, 248-257	4.4	31
197	Recent Progress in Continuous Crystallization of Pharmaceutical Products: Precise Preparation and Control. <i>Organic Process Research and Development</i> , 2020 , 24, 1785-1801	3.9	30
196	Investigation of the Crystallization of Disodium 5'-Inosinate in a Water + Ethanol System: Solubility, Nucleation Mechanism, and Crystal Morphology. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 8913-8919	3.9	30
195	Determination and modelling of troxerutin solubility in eleven mono-solvents and (1,4-dioxane + 2-propanol) binary solvents at temperatures from 288.15 K to 323.15 K. <i>Journal of Chemical Thermodynamics</i> , 2017 , 104, 138-149	2.9	30
194	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	2.9	30
193	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	2.9	29
192	Solubility of L-histidine in different aqueous binary solvent mixtures from 283.15 K to 318.15 K with experimental measurement and thermodynamic modelling. <i>Journal of Chemical Thermodynamics</i> , 2017 , 105, 1-14	2.9	29
191	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	2.8	28
190	Investigation on the Spherical Crystallization Process of Cefotaxime Sodium. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 1402-1411	3.9	27
189	Experimental Determination and Computational Prediction of Androstenedione Solubility in Alcohol + Water Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 11538-11549	3.9	26
188	Solubility of benzoic acid in three binary solvent mixtures and investigation of intermolecular interactions by molecular dynamic simulation. <i>Journal of Molecular Liquids</i> , 2017 , 243, 472-483	6	26
187	Thermodynamic study of solubility for pyrazinamide in ten solvents from T = (283.15 to 323.15) K. <i>Journal of Chemical Thermodynamics</i> , 2017 , 112, 204-212	2.9	25

186	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	6	25
185	Polymorphic Crystallization and Transformation of Candesartan Cilexetil. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 12910-12916	3.9	25
184	Correlation of Solubilities of Hydrophilic Pharmaceuticals versus Dielectric Constants of Binary Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 6933-6938	3.9	25
183	Oiling-Out Investigation and Morphology Control of β -Alanine Based on Ternary Phase Diagrams. <i>Crystal Growth and Design</i> , 2018 , 18, 818-826	3.5	24
182	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	2.8	24
181	Persistent Self-Association of Solute Molecules in Solution. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 10118-10124	3.4	23
180	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	3.5	23
179	Solvent-mediated morphology selection of the active pharmaceutical ingredient isoniazid: Experimental and simulation studies. <i>Chemical Engineering Science</i> , 2019 , 204, 320-328	4.4	23
178	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	2.8	22
177	Caking of crystals: Characterization, mechanisms and prevention. <i>Powder Technology</i> , 2018 , 337, 51-67	5.2	22
176	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	2.8	22
175	Insight into Solvent-Dependent Conformational Polymorph Selectivity: The Case of Undecanedioic Acid. <i>Crystal Growth and Design</i> , 2018 , 18, 5947-5956	3.5	22
174	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	2.9	21
173	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	6	21
172	The liquid-liquid phase separation and crystallization of vanillin in 1-propanol/water solution. <i>Fluid Phase Equilibria</i> , 2016 , 409, 84-91	2.5	21
171	Solubility of 5-Amino-N,N'-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	2.8	21
170	Revealing the roles of solvation in D-mannitol's polymorphic nucleation. <i>CrystEngComm</i> , 2018 , 20, 7435-7445	3.5	21
169	Ultrasound-assisted intensified crystallization of L-glutamic acid: Crystal nucleation and polymorph transformation. <i>Ultrasonics Sonochemistry</i> , 2020 , 68, 105227	8.9	20

168	Oiling out and Polymorphism Control of Pyraclostrobin in Cooling Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 11631-11637	3.9	20
167	Glycine's pH-Dependent Polymorphism: A Perspective from Self-Association in Solution. <i>Crystal Growth and Design</i> , 2017 , 17, 5028-5033	3.5	20
166	Phase Transformation between Anhydrate and Monohydrate of Sodium Dehydroacetate. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 3438-3444	3.9	19
165	Spherulitic Crystallization of L-Tryptophan: Characterization, Growth Kinetics, and Mechanism. <i>Crystal Growth and Design</i> , 2015 , 15, 5124-5132	3.5	19
164	Ultrasonic Irradiation and Seeding To Prevent Metastable Liquid-Liquid Phase Separation and Intensify Crystallization. <i>Crystal Growth and Design</i> , 2018 , 18, 2628-2635	3.5	19
163	Process Design for Antisolvent Crystallization of Erythromycin Ethylsuccinate in Oiling-out System. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 7484-7492	3.9	19
162	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	2.9	19
161	Measurement and Correlation of Solubility of Azithromycin Monohydrate in Five Pure Solvents. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 784-791	2.8	19
160	Concomitant Polymorphism of Prasugrel Hydrochloride in Reactive Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 16182-16189	3.9	19
159	Higher-Order Self-Assembly of Benzoic Acid in Solution. <i>Crystal Growth and Design</i> , 2017 , 17, 5049-5053	3.5	19
158	Experimental and Modeling Studies on the Solubility of d-Pantolactone in Four Pure Solvents and Ethanol-Water Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 870-875	2.8	19
157	The effects of solvent properties on solid-liquid phase equilibrium of ethylene thiourea. <i>Journal of Molecular Liquids</i> , 2019 , 285, 459-467	6	18
156	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	3.5	18
155	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	3.5	17
154	Solid-liquid phase equilibrium and thermodynamic analysis of metal dithiolene complex: The case of zinc dibutyldithiocarbamate. <i>Journal of Molecular Liquids</i> , 2019 , 284, 547-556	6	17
153	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	6	17
152	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	5.1	17
151	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	2.8	16

150	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	2.5	16
149	Determination and correlation of Avermectin B 1a 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	2.9	16
148	Measurement and Correlation of Solubility of β -Aminobutyric Acid in Different Binary Solvents. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 1210-1220	2.8	16
147	Temperature and solvent dependent thermodynamic behavior of tetrabromobisphenol A. <i>Journal of Molecular Liquids</i> , 2017 , 241, 150-162	6	15
146	Design and mechanism of the formation of spherical KCl particles using cooling crystallization without additives. <i>Powder Technology</i> , 2018 , 329, 455-462	5.2	15
145	Optimization of cooling strategy and seeding by FBRM analysis of batch crystallization. <i>Journal of Crystal Growth</i> , 2018 , 486, 1-9	1.6	15
144	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	2.8	15
143	Solid-liquid phase equilibrium and thermodynamic analysis of griseofulvin in twelve mono-solvents. <i>Journal of Molecular Liquids</i> , 2019 , 296, 111861	6	15
142	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	9.6	15
141	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	2.8	14
140	Tuning crystallization and stability of the metastable polymorph of DL-methionine by a structurally similar additive. <i>CrystEngComm</i> , 2019 , 21, 3731-3739	3.3	14
139	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	3.5	14
138	Antisolvent Crystallization of Erythromycin Ethylsuccinate in the Presence of Liquid-Liquid Phase Separation. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 766-776	3.9	14
137	Determination and correlation of solubility of thiamine nitrate in water + ethanol mixtures and aqueous solution with different pH values from 278.15 K to 303.15 K. <i>Fluid Phase Equilibria</i> , 2015 , 400, 53-61	2.5	14
136	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	6	14
135	Phase Transfer Directed Synthesis of Hollow Zeolitic Imidazolate Frameworks-67 Nanocages. <i>Crystal Growth and Design</i> , 2017 , 17, 3-6	3.5	13
134	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	3.3	13
133	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	2.9	13

132	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	2.8	13
131	Size Control of Atorvastatin Calcium Particles Based on Spherical Agglomeration. <i>Chemical Engineering and Technology</i> , 2015 , 38, 1081-1087	2	13
130	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	2.8	13
129	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	1.6	13
128	Temperature-dependent solubility of L-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	6	12
127	Solid-Liquid phase equilibrium and thermodynamic analysis of prothioconazole in mono-solvents and binary solvents from 283.15 K to 313.15 K. <i>Journal of Molecular Liquids</i> , 2017 , 240, 162-171	6	12
126	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	3.9	12
125	Polymorphs of daidzein and intermolecular interaction effect on solution crystallization. <i>CrystEngComm</i> , 2017 , 19, 7146-7153	3.3	12
124	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	3.5	12
123	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	3.3	12
122	Caking and adhesion free energy of maltitol: Studying of mechanism in adhesion process. <i>Powder Technology</i> , 2015 , 272, 235-240	5.2	12
121	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	3.5	12
120	Solid-Liquid Phase Equilibrium and Thermodynamic Analysis of N,N'-Diethylthiourea in Different Solvent Systems. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 6031-6040	2.8	12
119	Solvent penetration mediated phase transformation for the preparation of aggregated particles with well-defined shape. <i>CrystEngComm</i> , 2016 , 18, 9223-9226	3.3	12
118	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> , 2018 ,	2.8	12
117	Polymorphism of levofloxacin: structure, properties and phase transformation. <i>CrystEngComm</i> , 2019 , 21, 6196-6207	3.3	11
116	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	6	11
115	Understanding the Role of Citric Acid on the Crystallization Pathways of Calcium Oxalate Hydrates. <i>Crystal Growth and Design</i> , 2019 , 19, 3139-3147	3.5	11

114	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	5.1	11
113	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	2.9	11
112	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	3.5	11
111	Preparation and characterization for multicomponent crystals of the antidiabetic drug gliquidone based on crystal engineering. <i>CrystEngComm</i> , 2019 , 21, 1617-1625	3.3	11
110	Solubility of benorilate in twelve monosolvents: Determination, correlation and COSMO-RS analysis. <i>Journal of Chemical Thermodynamics</i> , 2021 , 152, 106272	2.9	11
109	Controlled Recrystallization of Tubular Vinpocetine Crystals with Increased Aqueous Dissolution Rate and In Vivo Bioavailability. <i>Crystal Growth and Design</i> , 2017 , 17, 5790-5800	3.5	10
108	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	3.5	10
107	Amorphous and humidity caking: A review. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 1429-1438	3.2	10
106	Effect of crystal growth kinetics on the formation of liquid inclusions in tetramethylpyrazine crystals. <i>CrystEngComm</i> , 2020 , 22, 1991-2001	3.3	10
105	Nucleation behavior of ethyl vanillin: Balance between chemical potential difference and saturation temperature. <i>Journal of Molecular Liquids</i> , 2020 , 303, 112609	6	10
104	Correlation and Thermodynamic Analysis of Solubility of Mesotrione in Pure Solvents. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 877-884	2.8	10
103	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	3.9	10
102	Industrial Crystallization in China. <i>Chemical Engineering and Technology</i> , 2016 , 39, 807-814	2	10
101	Correlation and thermodynamic analysis of solubility of cefmetazole acid in three (alcohol + water) binary solvents at temperatures from 278.15 K to 303.15 K. <i>Journal of Chemical Thermodynamics</i> , 2016 , 103, 355-365	2.9	10
100	Understanding the Roles of Oiling-out on Crystallization of Alanine: Unusual Behavior in Metastable Zone Width and Surface Nucleation during Growth Stage. <i>Crystal Growth and Design</i> , 2018 , 18, 6885-6890	3.5	10
99	The Phase Transformation and Formation Mechanism of Isostructural Solvates: A Case Study of Azoxystrobin. <i>Crystal Growth and Design</i> , 2019 , 19, 1550-1558	3.5	9
98	Spherical Crystallization and the Mechanism of Clopidogrel Hydrogen Sulfate. <i>Chemical Engineering and Technology</i> , 2018 , 41, 1259-1265	2	9
97	(Solid+liquid) phase equilibria of tetraphenyl piperazine-1, 4-diyl diphosphonate in pure solvents. <i>Journal of Chemical Thermodynamics</i> , 2014 , 78, 143-151	2.9	9

96	Seeding Techniques and Optimization of Solution Crystallization Processes. <i>Organic Process Research and Development</i> , 2020 , 24, 1839-1849	3.9	9
95	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	3.9	9
94	Morphological diversity of nitroguanidine crystals with enhanced mechanical performance and thermodynamic stability. <i>Journal of Crystal Growth</i> , 2017 , 480, 132-140	1.6	8
93	Solubility Measurement and Correlation of Fosfomycin Sodium in Six Organic Solvents and Different Binary Solvents at Temperatures between 283.15 and 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 3929-3937	2.8	8
92	Spherulitic growth and morphology control of lithium carbonate: the stepwise evolution of core-shell structures. <i>Powder Technology</i> , 2019 , 355, 617-628	5.2	8
91	Surprising Effect of Carbon Chain Length on Inducing Ability of Additives: Elusive Form-II of γ -Aminobutyric Acid (GABA) Induced by Sodium Carboxylate Additives. <i>Crystal Growth and Design</i> , 2019 , 19, 3825-3833	3.5	8
90	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	3.5	8
89	Eutectics and Salt of Dapsone With Hydroxybenzoic Acids: Binary Phase Diagrams, Characterization and Evaluation. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 2224-2236	3.9	8
88	Mechanism and inhibition of trisodium phosphate particle caking: Effect of particle shape and solubility. <i>Particuology</i> , 2016 , 27, 115-121	2.8	8
87	Measurement and Correlation of Solubility of Cefathiamidine in Water + (Acetone, Ethanol, or 2-Propanol) from (278.15 to 308.15) K. <i>Journal of Chemical & Engineering Data</i> , 2016 , 61, 412-419	2.8	8
86	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	6	8
85	Uncover the effect of solvent and temperature on solid-liquid equilibrium behavior of l-norvaline. <i>Journal of Molecular Liquids</i> , 2017 , 243, 273-284	6	8
84	Probing the structural pathway of conformational polymorph nucleation by comparing a series of β -alkanedicarboxylic acids. <i>IUCrJ</i> , 2020 , 7, 422-433	4.7	8
83	Uncovering the effect of solvents on solid-liquid phase equilibrium of praziquantel. <i>Journal of Molecular Liquids</i> , 2020 , 297, 111917	6	8
82	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	3.5	8
81	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	3.5	8
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