

Dandan Han

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

470
citations

759055

12
h-index

713332

21
g-index

31
all docs

31
docs citations

31
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Uncovering the solubility behavior of vitamin B6 hydrochloride in three aqueous binary solvents by thermodynamic analysis and molecular dynamic simulation. <i>Journal of Molecular Liquids</i> , 2019, 283, 584-595.	2.3	38
3	Solvent-mediated morphology selection of the active pharmaceutical ingredient isoniazid: Experimental and simulation studies. <i>Chemical Engineering Science</i> , 2019, 204, 320-328.	1.9	35
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	Growth defects of organic crystals: A review. <i>Chemical Engineering Journal</i> , 2022, 429, 132450.	6.6	19
12	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
13	Solubility and Data Correlation of β -Arbutin in Different Monosolvents from 283.15 to 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 5688-5697.	1.0	13
14	Crystal Growth of α -Alanine with Glycine-Based Oligopeptides: The Revelation for the Competitive Mechanism. <i>Crystal Growth and Design</i> , 2021, 21, 3818-3830.	1.4	12
15	Novel Drug-Drug Multicomponent Crystals of Epalrestat-Metformin: Improved Solubility and Photostability of Epalrestat and Reduced Hygroscopicity of Metformin. <i>Crystal Growth and Design</i> , 2022, 22, 1005-1016.	1.4	12
16	Design of spherical agglomerates via crystallization with a non-toxic bridging liquid: From mechanism to application. <i>Powder Technology</i> , 2022, 408, 117725.	2.1	12
17	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.	1.0	11
18	Uncovering the Role of Surfactants in Controlling the Crystal Growth of Pyridoxine Hydrochloride. <i>Crystal Growth and Design</i> , 2019, 19, 7240-7248.	1.4	11

#	ARTICLE	IF	CITATIONS
19	Measurement and Correlation of the Solubility of Aminocaproic Acid in Some Pure and Binary Solvents. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 5312-5323.	1.0	7
20	Co-amorphization Story of Furosemide-Amino Acid Systems: Protonation and Aromatic Stacking Insights for Promoting Compatibility and Stability. <i>Crystal Growth and Design</i> , 2021, 21, 3280-3289.	1.4	7
21	Drug-Drug Multicomponent Crystals of Epalrestat: A Novel Form of the Drug Combination and Improved Solubility and Photostability of Epalrestat. <i>Crystal Growth and Design</i> , 2022, 22, 5027-5035.	1.4	6
22	The Solid-Liquid Equilibrium and Crystal Habit of L-Carnitine Fumarate. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 574-586.	1.0	5
23	Experimental and Molecular Simulation Studies of the Attachment Behavior of Photoinitiator XBPO Crystals in Different Solvents. <i>Langmuir</i> , 2019, 35, 9308-9317.	1.6	5
24	Measurement and Correlation of the Solubility of Kaempferol Monohydrate in Pure and Binary Solvents. <i>Fluid Phase Equilibria</i> , 2021, 539, 113027.	1.4	5
25	Study on the formation mechanism of isoniazid crystal defects and defect elimination strategy based on ultrasound. <i>Ultrasonics Sonochemistry</i> , 2021, 77, 105674.	3.8	5
26	Solubility Measurement and Thermodynamic Correlation of 4-(Hydroxymethyl) Benzoic Acid in Nine Pure Solvents and Two Binary Solvent Mixtures at (283.15-323.15) K. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 2114-2123.	1.0	4
27	Natural inhibitors from earthworms for the crystallization of calcium oxalate monohydrate. <i>CrystEngComm</i> , 2022, 24, 5597-5604.	1.3	3
28	Optimizing the morphology of calcium D-pantothenate by controlling phase transformation processes. <i>CrystEngComm</i> , 2021, 23, 2162-2173.	1.3	2
29	What roles do alkali metal ions play in the pathological crystallization of uric acid?. <i>CrystEngComm</i> , 0, , .	1.3	2
30	Solubility Determination and Thermodynamic Correlation of 3-Amino-2-methylbenzoic Acid in 12 Monosolvents from 288.15 to 328.15 K. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 2512-2518.	1.0	1
31	Solubility Measurement and Data Correlation of 4-Chlorophenoxyacetic Acid in 13 Monosolvents at Temperatures from 283.15 to 328.15 K. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 2561-2567.	1.0	1