

Yan Wang

List of Publications by Year in descending order

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31
papers

613
citations

567144

15
h-index

610775

24
g-index

31
all docs

31
docs citations

31
times ranked

351
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	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
3	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.	1.0	38
4	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
5	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
6	Solid-liquid phase equilibrium of clozapine in aqueous binary solvent mixtures. <i>Journal of Molecular Liquids</i> , 2021, 329, 115371.	2.3	27
7	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
8	Solubility Measurement and Data Correlation of Thiabendazole in 12 Pure Organic Solvents from 283.15 to 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 5055-5061.	1.0	25
9	Tuning crystallization and stability of the metastable polymorph of D-methionine by a structurally similar additive. <i>CrystEngComm</i> , 2019, 21, 3731-3739.	1.3	22
10	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
11	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
12	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
13	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
14	Intermolecular Interactions and Solubility Behavior of Multicomponent Crystal Forms of Orotic Acid: Prediction and Experiments. <i>Crystal Growth and Design</i> , 2021, 21, 1473-1481.	1.4	19
15	Phase Transfer Directed Synthesis of Hollow Zeolitic Imidazolate Frameworks-67 Nanocages. <i>Crystal Growth and Design</i> , 2017, 17, 3-6.	1.4	17
16	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
17	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
18	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

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19	Solubility of benorilate in twelve monosolvents: Determination, correlation and COSMO-RS analysis. <i>Journal of Chemical Thermodynamics</i> , 2021, 152, 106272.	1.0	15
20	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
21	Industrial Crystallization in China. <i>Chemical Engineering and Technology</i> , 2016, 39, 807-814.	0.9	12
22	Preparation and Formation Mechanism of L-Valine Spherulites via Evaporation Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 6048-6058.	1.8	12
23	Crystal Growth of L-Alanine with Glycine-Based Oligopeptides: The Revelation for the Competitive Mechanism. <i>Crystal Growth and Design</i> , 2021, 21, 3818-3830.	1.4	12
24	Solid-liquid equilibrium of ropivacaine in fourteen organic solvents: An experimental and molecular simulation study. <i>Journal of Molecular Liquids</i> , 2022, 349, 118163.	2.3	12
25	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
26	Solubility Measurement and Data Correlation of Metformin Hydrochloride in Four Aqueous Binary Solvents and Three Pure Solvents from 283.15 to 323.15 K. <i>Journal of Chemical & Engineering Data</i> , 2021, 66, 3282-3292.	1.0	9
27	Experimental determination and computational analysis of solid-liquid phase equilibrium of nifedipine in twelve pure solvents. <i>Journal of Chemical Thermodynamics</i> , 2020, 150, 106223.	1.0	8
28	Determination and Correlation of Solubility of Metformin Hydrochloride in Aqueous Binary Solvents from 283.15 to 323.15 K. <i>ACS Omega</i> , 2022, 7, 8591-8600.	1.6	8
29	Characterization of a vibromixer: Experimental and modelling study of mixing in a batch reactor. <i>Chemical Engineering Research and Design</i> , 2018, 137, 534-543.	2.7	6
30	The formation mechanism of hollow spherulites and molecular conformation of curcumin and solvate. <i>CrystEngComm</i> , 2020, 22, 8405-8411.	1.3	4
31	Unraveling the Molecular Mechanisms That Influence the Color and Stability of Four Lutein Crystal Forms. <i>Crystal Growth and Design</i> , 2021, 21, 1762-1777.	1.4	2