

# Jingkang Wang

## List of Publications by Year in descending order

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144  
papers

3,201  
citations

186209

28  
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206029

48  
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146  
all docs

146  
docs citations

146  
times ranked

2724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomaterials for the Removal of Heavy Metals from Wastewater. <i>Nanomaterials</i> , 2019, 9, 424.	1.9	390
2	Crystallization techniques in wastewater treatment: An overview of applications. <i>Chemosphere</i> , 2017, 173, 474-484.	4.2	128
3	Solid-Liquid Phase Equilibrium and Mixing Properties of Cloxacillin Benzathine in Pure and Mixed Solvents. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 3019-3026.	1.8	107
4	Recent progress of continuous crystallization. <i>Journal of Industrial and Engineering Chemistry</i> , 2017, 54, 14-29.	2.9	100
5	Correlation of Solubility and Prediction of the Mixing Properties of Capsaicin in Different Pure Solvents. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 2808-2813.	1.8	87
6	Recent Progress on Nanostructures for Drug Delivery Applications. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-12.	1.5	84
7	Design and synthesis of core-shell Fe <sub>3</sub> O <sub>4</sub> @PTMT composite magnetic microspheres for adsorption of heavy metals from high salinity wastewater. <i>Chemosphere</i> , 2018, 206, 513-521.	4.2	69
8	Measurement and Correlation of Solubility of 7-Aminocephalosporanic Acid in Aqueous Acetone Mixtures. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 3783-3787.	1.8	63
9	Solubility and dissolution thermodynamic properties of lansoprazole in pure solvents. <i>Journal of Molecular Liquids</i> , 2017, 241, 399-406.	2.3	61
10	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
11	Effect of Solvent on the Crystal Structure and Habit of Hydrocortisone. <i>Crystal Growth and Design</i> , 2008, 8, 1490-1494.	1.4	54
12	Solubility and Thermodynamic Stability of the Enantiotropic Polymorphs of 2,3,5-Trimethyl-1,4-diacetoxybenzene. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 2477-2485.	1.8	54
13	Solubility of Erythromycin A Dihydrate in Different Pure Solvents and Acetone + Water Binary Mixtures between 293 K and 323 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2006, 51, 1062-1065.	1.0	52
14	Falling film melt crystallization (I): Model development, experimental validation of crystal layer growth and impurity distribution process. <i>Chemical Engineering Science</i> , 2012, 84, 120-133.	1.9	47
15	Research Progress and Model Development of Crystal Layer Growth and Impurity Distribution in Layer Melt Crystallization: A Review. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 13211-13227.	1.8	46
16	Solubility of Sodium Cefotaxime in Aqueous 2-Propanol Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2006, 51, 2239-2241.	1.0	41
17	Determination of the Solubility, Dissolution Enthalpy, and Entropy of Pioglitazone Hydrochloride (Form II) in Different Pure Solvents. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 3036-3041.	1.8	38
18	Persistent Self-Association of Solute Molecules in Solution. <i>Journal of Physical Chemistry B</i> , 2017, 121, 10118-10124.	1.2	38

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19	The Effects of Polymorphism on Physicochemical Properties and Pharmacodynamics of Solid Drugs. <i>Current Pharmaceutical Design</i> , 2018, 24, 2375-2382.	0.9	37
20	Measurement and correlation of the solubility of 4,4- $\text{O}_2$ -oxydianiline in different organic solvents. <i>Fluid Phase Equilibria</i> , 2013, 356, 38-45.	1.4	36
21	Integration of planar and bulk heterojunctions in polymer/nanocrystal hybrid photovoltaic cells. <i>Applied Physics Letters</i> , 2009, 95, 063510.	1.5	35
22	Ultrasound-assisted intensified crystallization of L-glutamic acid: Crystal nucleation and polymorph transformation. <i>Ultrasonics Sonochemistry</i> , 2020, 68, 105227.	3.8	34
23	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
24	Falling film melt crystallization (II): Model to simulate the dynamic sweating using fractal porous media theory. <i>Chemical Engineering Science</i> , 2013, 91, 111-121.	1.9	32
25	Performance enhancement of perovskite solar cells by employing $\text{TiO}_2$ nanorod arrays decorated with $\text{CuInS}_2$ quantum dots. <i>Journal of Colloid and Interface Science</i> , 2018, 513, 693-699.	5.0	32
26	Model to Simulate the Structure of a Crystal Pillar and Optimize the Separation Efficiency in Melt Crystallization by Fractal Theory and Technique. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 10229-10245.	1.8	30
27	Determination and correlation of solubility and solution thermodynamics of valnemulin hydrogen tartrate in different pure solvents. <i>Fluid Phase Equilibria</i> , 2014, 372, 7-14.	1.4	30
28	Determination and correlation of solubility and solution thermodynamics of coumarin in different pure solvents. <i>Fluid Phase Equilibria</i> , 2015, 394, 148-155.	1.4	30
29	Progress in the Application of Fractal Porous Media Theory to Property Analysis and Process Simulation in Melt Crystallization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 15685-15701.	1.8	29
30	Molecular mechanism of crystal nucleation from solution. <i>Science China Chemistry</i> , 2021, 64, 1460-1481.	4.2	29
31	Multiple stimuli-responsive flexible crystal with 2D elastic bending, plastic twisting and photoinduced bending capabilities. <i>Journal of Materials Chemistry C</i> , 2021, 9, 16762-16770.	2.7	29
32	Experimental Determination and Computational Prediction of Androstenedione Solubility in Alcohol + Water Mixtures. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 11538-11549.	1.8	28
33	Solubility and dissolution thermodynamic properties of L-carnosine in binary solvent mixtures. <i>Journal of Chemical Thermodynamics</i> , 2020, 149, 106167.	1.0	28
34	Determination of induction period and crystal growth mechanism of dexamethasone sodium phosphate in methanol-acetone system. <i>Journal of Crystal Growth</i> , 2005, 274, 545-549.	0.7	27
35	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
36	Magnetically Separable $\text{MoS}_2/\text{Fe}_3\text{O}_4/\text{nZVI}$ Nanocomposites for the Treatment of Wastewater Containing $\text{Cr(VI)}$ and 4-Chlorophenol. <i>Nanomaterials</i> , 2017, 7, 303.	1.9	25

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37	Nucleation, Growth, and Solvated Behavior of Erythromycin as Monitored in Situ by Using FBRM and PVM. <i>Organic Process Research and Development</i> , 2006, 10, 450-456.	1.3	24
38	Solubility of Sodium Cefotaxime in Different Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 982-985.	1.0	24
39	Kinetics Study on the Liquid Entrapment and Melt Transport of Static and Falling-Film Melt Crystallization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 5037-5044.	1.8	24
40	Titanate for water remediation: synthesis, application, mechanism and optimization. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14415-14440.	5.2	24
41	Solubility of Ceftriaxone Disodium in Acetone, Methanol, Ethanol, N,N-Dimethylformamide, and Formamide between 278 and 318 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2005, 50, 1757-1760.	1.0	23
42	Identification of the High-affinity Substrate-binding Site of the Multidrug and Toxic Compound Extrusion (MATE) Family Transporter from <i>Pseudomonas stutzeri</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 15503-15514.	1.6	23
43	Gel Formation and Phase Transformation during the Crystallization of Valnemulin Hydrogen Tartrate. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 16859-16863.	1.8	22
44	Melt crystallization of 2,4-dinitrochlorobenzene: Purification and process parameters evaluation. <i>Separation and Purification Technology</i> , 2021, 259, 118140.	3.9	22
45	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
46	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
47	Solubility of 11 <sup>β</sup> -Hydroxypregna-1,4,16-triene-3,20-dione in Different Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 1414-1416.	1.0	20
48	Overcoming oral insulin delivery barriers: application of cell penetrating peptide and silica-based nanoporous composites. <i>Frontiers of Chemical Science and Engineering</i> , 2013, 7, 9-19.	2.3	20
49	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
50	Polymorphism of levofloxacin: structure, properties and phase transformation. <i>CrystEngComm</i> , 2019, 21, 6196-6207.	1.3	20
51	Effects of Self-Assembled Monolayers on Selective Crystallization of Tolbutamide. <i>Crystal Growth and Design</i> , 2011, 11, 5498-5506.	1.4	19
52	The solubility of cefquinome sulfate in pure and mixed solvents. <i>Frontiers of Chemical Science and Engineering</i> , 2016, 10, 245-254.	2.3	19
53	Highly Efficient and Reusable Montmorillonite/Fe <sub>3</sub> O <sub>4</sub> /Humic Acid Nanocomposites for Simultaneous Removal of Cr(VI) and Aniline. <i>Nanomaterials</i> , 2018, 8, 537.	1.9	19
54	Determination of the crystallization thermodynamics and kinetics of l-tryptophan in alcohol/water system. <i>Fluid Phase Equilibria</i> , 2012, 313, 182-189.	1.4	18

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55	Manipulation of Crystal Morphology of Zoxamide Based on Phase Diagram and Crystal Structure Analysis. <i>Crystal Growth and Design</i> , 2018, 18, 5790-5799.	1.4	18
56	Form selection of concomitant polymorphs: A case study informed by crystallization kinetics modeling. <i>AIChE Journal</i> , 2021, 67, e17129.	1.8	18
57	Tunable Emission of Organic Fluorescent Crystals through Polymorphic Manipulation. <i>Journal of Physical Chemistry C</i> , 2021, 125, 6189-6199.	1.5	18
58	Crystal Structures and the Solvent-Mediated Transformation of Erythromycin Acetone Solvate to Dihydrate during Batch Crystallization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 1851-1858.	1.8	17
59	Solubilities of Adefovir Dipivoxil in Different Binary Solvents at 298.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 1021-1023.	1.0	17
60	Solubility of 6-Aminopenicillanic Acid in Aqueous Salt Solutions from 273.15 K to 303.15 K. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 2266-2268.	1.0	16
61	Significance and strategies in developing delivery systems for bio-macromolecular drugs. <i>Frontiers of Chemical Science and Engineering</i> , 2013, 7, 496-507.	2.3	16
62	Transformation between Two Types of Spherulitic Growth: Tuning the Morphology of Spherulitic Nitroguanidine in a Gelatin Solution. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 21167-21176.	1.8	16
63	Purification of 2,4-dinitrochlorobenzene using layer melt crystallization: Model and experiment. <i>Separation and Purification Technology</i> , 2021, 270, 118806.	3.9	16
64	Insight into the role of pre-assembly and desolvation in crystal nucleation: a case of <i>p</i> -nitrobenzoic acid. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 845-854.	0.5	16
65	Thermodynamic study on dynamic water and organic vapor sorption on amorphous valnemulin hydrochloride. <i>Frontiers of Chemical Science and Engineering</i> , 2015, 9, 94-104.	2.3	15
66	Self-Assembly of Monodispersed Carnosine Spherical Crystals in a Reverse Antisolvent Crystallization Process. <i>Crystal Growth and Design</i> , 2019, 19, 2695-2705.	1.4	15
67	Aerobic Oil-Phase Cyclic Magnetic Adsorption to Synthesize 1D Fe <sub>2</sub> O <sub>3</sub> @TiO <sub>2</sub> Nanotube Composites for Enhanced Visible-Light Photocatalytic Degradation. <i>Nanomaterials</i> , 2020, 10, 1345.	1.9	15
68	Simultaneous decontamination of multi-pollutants: A promising approach for water remediation. <i>Chemosphere</i> , 2021, 284, 131270.	4.2	15
69	Solubility of Valsartan in Different Organic Solvents and Ethanol + Water Binary Mixtures from (278.15 to 313.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 986-988.	1.0	14
70	Thermodynamic models for determination of solid-liquid equilibrium of the 4-methoxybenzoic acid in different solvents with solubility parameters and interaction energy aided analyses. <i>Journal of Molecular Liquids</i> , 2021, 330, 115669.	2.3	14
71	Ultrasound-assisted solution crystallization of fotaliptin benzoate: Process intensification and crystal product optimization. <i>Ultrasonics Sonochemistry</i> , 2021, 76, 105634.	3.8	14
72	Understanding the role of solvent in regulating the crystal habit. <i>CrystEngComm</i> , 2022, 24, 2226-2240.	1.3	14

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73	Solubility of Penicillin Sulfoxide in Different Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 508-509.	1.0	13
74	Purification of Lysozyme from Protein Mixtures by Solvent-Freezing-Out Technology. <i>Chemical Engineering and Technology</i> , 2014, 37, 1353-1357.	0.9	13
75	Crystallization and stability of different protein crystal modifications: A case study of lysozyme. <i>Crystal Research and Technology</i> , 2015, 50, 179-187.	0.6	13
76	Solubility of Lovastatin in Acetone + Water Solvent Mixtures. <i>Journal of Chemical &amp; Engineering Data</i> , 2008, 53, 1335-1337.	1.0	12
77	Study on Growth Kinetics of CdSe Nanocrystals with a New Model. <i>Nanoscale Research Letters</i> , 2010, 5, 823-828.	3.1	12
78	Industrial Crystallization in China. <i>Chemical Engineering and Technology</i> , 2016, 39, 807-814.	0.9	12
79	Solubility and dissolution thermodynamic properties of 2-Cyano-4-methylbiphenyl in binary solvent mixtures. <i>Journal of Molecular Liquids</i> , 2017, 236, 298-307.	2.3	12
80	Probing the structural pathway of conformational polymorph nucleation by comparing a series of $\alpha$ -alkanedicarboxylic acids. <i>IUCr</i> , 2020, 7, 422-433.	1.0	12
81	Effects of Ionic Impurities (Fe <sup>2+</sup> and SO <sub>4</sub> <sup>2-</sup> ) on the Crystal Growth and Morphology of Phosphoric Acid Hemihydrate during Batch Crystallization. <i>Industrial &amp; Engineering Chemistry Research</i> , 2007, 46, 3341-3347.	1.8	11
82	Determining the primary nucleation and growth mechanism of cloxacillin sodium in methanol-butyl acetate system. <i>Journal of Crystal Growth</i> , 2011, 314, 213-219.	0.7	11
83	Fractal slice model analysis for effective thermal conductivity and temperature distribution of porous crystal layer via layer crystallization. <i>Crystal Research and Technology</i> , 2013, 48, 574-581.	0.6	11
84	Solubility of Cloxacillin Sodium in Different Binary Solvents. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 1084-1086.	1.0	10
85	Solid-liquid phase equilibrium and mixing properties of 2-Cyano-4-methylbiphenyl in pure solvents. <i>Journal of Chemical Thermodynamics</i> , 2016, 103, 134-141.	1.0	10
86	Application of Doped MoS <sub>2</sub> Nanocrystals for Removal of Azo Dyes in Wastewater. <i>Chemical Engineering and Technology</i> , 2018, 41, 1180-1187.	0.9	10
87	Self-Induced Nucleation During the Antisolvent Crystallization Process of Candesartan Cilexetil. <i>Crystal Growth and Design</i> , 2018, 18, 7655-7662.	1.4	10
88	Use of additives to regulate solute aggregation and direct conformational polymorph nucleation of pimelic acid. <i>IUCr</i> , 2021, 8, 161-167.	1.0	10
89	Machine learning-based solubility prediction and methodology evaluation of active pharmaceutical ingredients in industrial crystallization. <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 523-535.	2.3	10
90	Transfer model and kinetic characteristics of $\{m \text{NH}\}_4^+$ K <sup>+</sup> ion exchange on K-zeolite. <i>Transport in Porous Media</i> , 2008, 72, 71-82.	1.2	9

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91	Fast determination of tobramycin by reversed-phase ion-pair high performance liquid chromatography with a refractive index detector. <i>Frontiers of Chemical Science and Engineering</i> , 2013, 7, 322-328.	2.3	9
92	Efficient Construction of Elastic and Ion Response Red Fluorophores with Crystallization-Induced Enhanced Emission and Large Stokes Shifts. <i>Crystal Growth and Design</i> , 2022, 22, 3198-3205.	1.4	9
93	Solubility of Acephate in Different Solvents from (292.90 to 327.60) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2007, 52, 426-428.	1.0	8
94	Solubility and Metastable Zone of Cefoperazone Sodium in Acetone + Water System. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 1123-1125.	1.0	8
95	Developing macromolecular therapeutics: the future drug-of-choice. <i>Frontiers of Chemical Engineering in China</i> , 2010, 4, 10-17.	0.6	8
96	Determination of Thermodynamics in Various Solvents and Kinetics of Cefuroxime Sodium during Antisolvent Crystallization. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 952-956.	1.0	8
97	Transformations among the New Solid-State Forms of Clindamycin Phosphate. <i>Organic Process Research and Development</i> , 2013, 17, 1445-1450.	1.3	8
98	Degradation Kinetics and Mechanism of a $\beta$ -Lactam Antibiotic Intermediate, 6-Aminopenicillanic Acid, in a New Integrated Production Process. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 139-146.	1.6	8
99	Solubility of Indinavir Sulfate in Different Solvents from (278.35 to 314.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 2106-2108.	1.0	7
100	Solubility of Valsartan in Ethyl Acetate + Hexane Binary Mixtures from (278.15 to 313.15) K. <i>Journal of Chemical &amp; Engineering Data</i> , 2009, 54, 1412-1414.	1.0	7
101	Solubility of Captopril in 2-Propanol, Acetone, Acetonitrile, Methyl Acetate, Ethyl Acetate, and Butyl Acetate. <i>Journal of Chemical &amp; Engineering Data</i> , 2010, 55, 966-967.	1.0	7
102	Low molecular weight protamine/insulin formulation with potential to attenuate protamine-masqueraded insulin allergy. <i>Macromolecular Research</i> , 2011, 19, 1224-1226.	1.0	7
103	Coarse crystal layer growth and liquid entrapment study with gradient freeze technology. <i>Crystal Research and Technology</i> , 2012, 47, 649-657.	0.6	7
104	Influence of Diacylglycerol on Physicochemical Properties and Crystallization Behavior of Palm Oil. <i>Chemical Engineering and Technology</i> , 2018, 41, 1587-1593.	0.9	7
105	Investigations on growth intensification of <i>p</i> -toluamide crystals based on growth rate analysis and molecular simulation. <i>CrystEngComm</i> , 2019, 21, 5519-5525.	1.3	7
106	Solid-liquid phase equilibrium and mixing thermodynamic analysis of coumarin in binary solvent mixtures. <i>Physics and Chemistry of Liquids</i> , 2019, 57, 204-220.	0.4	7
107	Modeling of Mixed Mechanism Adsorption Processes Driven by Surface Adsorption and Internal Ion Exchange. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 14467-14475.	1.8	7
108	Manipulating of Crystal Morphology and Polymorph by Crystallization in Microemulsions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 13024-13032.	1.8	7

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109	Ultrasound-assisted theophylline polymorphic transformation: Selective polymorph nucleation, molecular mechanism and kinetics analysis. <i>Ultrasonics Sonochemistry</i> , 2021, 77, 105675.	3.8	7
110	Motion-Based Multiple Object Tracking of Ultrasonic-Induced Nucleation: A Case Study of $\alpha$ -Glutamic Acid. <i>Crystal Growth and Design</i> , 2017, 17, 5007-5011.	1.4	6
111	Purification of Recombinant <i>L</i> -Asparaginase II Using Solvent-Free Freeze-Out Technology. <i>Chemical Engineering and Technology</i> , 2018, 41, 1080-1085.	0.9	6
112	Experimental Assessment and Modeling of the Solubility of Malonic Acid in Different Solvents. <i>Chemical Engineering and Technology</i> , 2018, 41, 1098-1107.	0.9	6
113	Interplay between Thermodynamics and Kinetics on Polymorphic Behavior of Vortioxetine Hydrobromide in Reactive Crystallization. <i>Organic Process Research and Development</i> , 2020, 24, 1233-1243.	1.3	6
114	CFD-PBE Model and Simulation of Continuous Antisolvent Crystallization in an Impinging Jet Crystallizer with a Multiorifice at Different Positions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 11802-11811.	1.8	6
115	Preparation, Stabilization, and Dissolution Enhancement of Vortioxetine Hydrobromide Metastable Polymorphs in Silica Nanopores. <i>Crystal Growth and Design</i> , 2022, 22, 191-199.	1.4	6
116	Analysis of Concentration Multiplicity Patterns of Continuous Isothermal Mixed Suspension-Mixed Product Removal Reactive Precipitators. <i>Industrial &amp; Engineering Chemistry Research</i> , 2000, 39, 1437-1442.	1.8	5
117	FBRM and PVM investigations of the double feed semi-batch crystallization of 6-aminopenicillanic acid. <i>Frontiers of Chemical Engineering in China</i> , 2009, 3, 282-288.	0.6	5
118	Determination of nucleation kinetics of lovastatin in acetone solution. <i>Crystal Research and Technology</i> , 2010, 45, 707-711.	0.6	5
119	Solvent-freeze-out (SFO) technology: A controlled crystallization process—Case study of jack bean urease. <i>Chemical Engineering Science</i> , 2015, 135, 137-144.	1.9	5
120	Biomorphic triangulations: constructing an additional formation pathway to achieve hierarchical self-evolution in biomorphs. <i>Materials Chemistry Frontiers</i> , 2021, 5, 472-481.	3.2	5
121	The structure of the <i>Aquifex aeolicus</i> MATE family multidrug resistance transporter and sequence comparisons suggest the existence of a new subfamily. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	5
122	Influence of additives on the polymorphic manipulation of organic fluorescent crystals and its mechanism. <i>CrystEngComm</i> , 2022, 24, 854-862.	1.3	5
123	Permeability analysis and seepage process study on crystal layer in melt crystallization with fractal and porous media theory. <i>Frontiers of Chemical Science and Engineering</i> , 2011, 5, 435-441.	2.3	4
124	Correlation between Thermal Properties and Chemical Composition of Palm Oil Top Olein Fractions. <i>Chemical Engineering and Technology</i> , 2015, 38, 1035-1041.	0.9	4
125	Gelation Mechanism of Erythromycin Ethylsuccinate During Crystallization. <i>Transactions of Tianjin University</i> , 2019, 25, 110-117.	3.3	4
126	A selective cocrystallization separation method based on non-covalent interactions and its application. <i>CrystEngComm</i> , 2021, 23, 1550-1554.	1.3	4



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127	Construction and application of a qualitative and quantitative analysis system of three boscalid polymorphs based on solid-state analytical methods and chemometric tools. <i>CrystEngComm</i> , 2022, 24, 3096-3108.	1.3	4
128	Ultrasound-Assisted Slug-Flow Tubular Crystallization for Preparation of Fine Ibuprofen Crystals. <i>Chemical Engineering and Technology</i> , 2022, 45, 727-736.	0.9	4
129	Thermodynamic and Molecular Recognition Mechanism of Diastereomeric Salt/Cocrystal-Induced Chiral Separation. <i>Crystal Growth and Design</i> , 2022, 22, 4382-4395.	1.4	4
130	Polymorphism and crystal transformation of penicillin sulfoxide. <i>Frontiers of Chemical Science and Engineering</i> , 2011, 5, 442-447.	2.3	3
131	Solubility of <i>p</i> -Aminobenzoic Acid Potassium in Organic Solvents and Binary (Water + Isopropyl) Tj ETQq1 1 0.784314 rgBT /Over 2018, 63, 2629-2636.	1.0	3
132	Formation and stabilization mechanism of mesoscale clusters in solution. <i>IUCrJ</i> , 2022, 9, 215-222.	1.0	3
133	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
134	Influence of Adsorption State and Molecular Interaction on Physical Stability of Confined Amorphous Vortioxetine. <i>Molecular Pharmaceutics</i> , 2021, 18, 2754-2763.	2.3	2
135	Enhancing continuous reactive crystallization of lithium carbonate in multistage mixed suspension mixed product removal crystallizers with pulsed ultrasound. <i>Ultrasonics Sonochemistry</i> , 2021, 77, 105698.	3.8	2
136	Insoluble Salt of Memantine with a Unique Fluorescence Phenomenon. <i>Molecular Pharmaceutics</i> , 2022, , .	2.3	2
137	Metastable state of clindamycin phosphate in cooling crystallization. <i>Transactions of Tianjin University</i> , 2010, 16, 142-146.	3.3	1
138	Stability Investigation of CuInS <sub>2</sub> based heavy-metal free nanocrystals. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1316, 1.	0.1	1
139	Reply to the "Comment on "Polymorphism of levofloxacin: structure, properties and phase transformation" by Tejender S. Thakur, <i>CrystEngComm</i> , 2020, 22, DOI: 10.1039/C9CE01400D. <i>CrystEngComm</i> , 2020, 22, 1889-1891.	1.3	1
140	A method to synthesize CdSe nanocrystals. <i>Frontiers of Chemical Engineering in China</i> , 2007, 1, 377-380.	0.6	0
141	Green process to recover magnesium chloride from residue solution of potassium chloride production plant. <i>Frontiers of Chemical Engineering in China</i> , 2008, 2, 385-389.	0.6	0
142	Employing Photo-Assisted Ligand Exchange Technique in Layered Quantum Dot LEDs. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1286, 54.	0.1	0
143	Monodisperse ultra-large-pore silica coated polystyrene core-shell microbeads via layer-by-layer assembly for nano-micro composite. <i>Transactions of Tianjin University</i> , 2015, 21, 420-426.	3.3	0
144	Spatiotemporal control of <i>L</i> -phenylalanine crystallization in microemulsion: the role of water in mediating molecular self-assembly. <i>IUCrJ</i> , 2022, 9, 370-377.	1.0	0