

Jingkang Wang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

137
papers

2,192
citations

23
h-index

39
g-index

146
ext. papers

2,673
ext. citations

4.1
avg. IF

5.2
L-index

#	Paper	IF	Citations
137	Nanomaterials for the Removal of Heavy Metals from Wastewater. <i>Nanomaterials</i> , 2019 , 9,	5.4	229
136	Solid-Liquid Phase Equilibrium and Mixing Properties of Cloxacillin Benzathine in Pure and Mixed Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 3019-3026	3.9	93
135	Crystallization techniques in wastewater treatment: An overview of applications. <i>Chemosphere</i> , 2017 , 173, 474-484	8.4	90
134	Correlation of Solubility and Prediction of the Mixing Properties of Capsaicin in Different Pure Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 2808-2813	3.9	83
133	Recent progress of continuous crystallization. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 54, 14-29	6.3	71
132	Measurement and Correlation of Solubility of 7-Aminocephalosporanic Acid in Aqueous Acetone Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2005 , 44, 3783-3787	3.9	59
131	Design and synthesis of core-shell FeO@PTMT composite magnetic microspheres for adsorption of heavy metals from high salinity wastewater. <i>Chemosphere</i> , 2018 , 206, 513-521	8.4	50
130	Solubility and Thermodynamic Stability of the Enantiotropic Polymorphs of 2,3,5-Trimethyl-1,4-diacetoxybenzene. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 2477-2485	3.9	49
129	Solubility and dissolution thermodynamic properties of lansoprazole in pure solvents. <i>Journal of Molecular Liquids</i> , 2017 , 241, 399-406	6	48
128	Solubility of Erythromycin A Dihydrate in Different Pure Solvents and Acetone + Water Binary Mixtures between 293 K and 323 K. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 1062-1065	2.8	47
127	Effect of Solvent on the Crystal Structure and Habit of Hydrocortisone. <i>Crystal Growth and Design</i> , 2008 , 8, 1490-1494	3.5	46
126	Recent Progress on Nanostructures for Drug Delivery Applications. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-12	3.2	43
125	Solubility of Sodium Cefotaxime in Aqueous 2-Propanol Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 2239-2241	2.8	39
124	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	4.4	35
123	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
122	Integration of planar and bulk heterojunctions in polymer/nanocrystal hybrid photovoltaic cells. <i>Applied Physics Letters</i> , 2009 , 95, 063510	3.4	33
121	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	3.9	31

120	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
119	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	2.5	27
118	Model to Simulate the Structure of a Crystal Pillar and Optimize the Separation Efficiency in Melt Crystallization by Fractal Theory and Technique. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 10229-10245	3.9	27
117	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	1.6	27
116	Research Progress and Model Development of Crystal Layer Growth and Impurity Distribution in Layer Melt Crystallization: A Review. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 13211-13227	3.9	26
115	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
114	Persistent Self-Association of Solute Molecules in Solution. <i>Journal of Physical Chemistry B</i> , 2017 , 121, 10118-10124	3.4	23
113	Performance enhancement of perovskite solar cells by employing TiO nanorod arrays decorated with CuInS quantum dots. <i>Journal of Colloid and Interface Science</i> , 2018 , 513, 693-699	9.3	23
112	Determination and correlation of solubility and solution thermodynamics of coumarin in different pure solvents. <i>Fluid Phase Equilibria</i> , 2015 , 394, 148-155	2.5	22
111	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
110	Progress in the Application of Fractal Porous Media Theory to Property Analysis and Process Simulation in Melt Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 15685-15701	3.9	21
109	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	4.4	21
108	Solubility of Sodium Cefotaxime in Different Solvents. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 982-985	2.8	21
107	Solubility of Ceftriaxone Disodium in Acetone, Methanol, Ethanol, N,N-Dimethylformamide, and Formamide between 278 and 318 K. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1757-1760	2.8	21
106	Ultrasound-assisted intensified crystallization of L-glutamic acid: Crystal nucleation and polymorph transformation. <i>Ultrasonics Sonochemistry</i> , 2020 , 68, 105227	8.9	20
105	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	3.9	20
104	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
103	Kinetics Study on the Liquid Entrapment and Melt Transport of Static and Falling-Film Melt Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 5037-5044	3.9	19

102	Solubility of 11-Hydroxypregna-1,4,16-triene-3,20-dione in Different Solvents. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1414-1416	2.8	19
101	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, 15503-14	5.4	19
100	Gel Formation and Phase Transformation during the Crystallization of Valnemulin Hydrogen Tartrate. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 16859-16863	3.9	18
99	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	4.5	18
98	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
97	Solubility and dissolution thermodynamic properties of L-carnosine in binary solvent mixtures. <i>Journal of Chemical Thermodynamics</i> , 2020 , 149, 106167	2.9	16
96	Magnetically Separable MoS ₂ /Fe ₃ O ₄ /ZnVI Nanocomposites for the Treatment of Wastewater Containing Cr(VI) and 4-Chlorophenol. <i>Nanomaterials</i> , 2017 , 7,	5.4	16
95	Effects of Self-Assembled Monolayers on Selective Crystallization of Tolbutamide. <i>Crystal Growth and Design</i> , 2011 , 11, 5498-5506	3.5	16
94	Solubilities of Adefovir Dipivoxil in Different Binary Solvents at 298.15 K. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1021-1023	2.8	16
93	Solubility of 6-Aminopenicillanic Acid in Aqueous Salt Solutions from 273.15 K to 303.15 K. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 2266-2268	2.8	16
92	Determination of the crystallization thermodynamics and kinetics of l-tryptophan in alcohols/water system. <i>Fluid Phase Equilibria</i> , 2012 , 313, 182-189	2.5	15
91	Crystal Structures and the Solvent-Mediated Transformation of Erythromycin Acetone Solvate to Dihydrate during Batch Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 1851-1858	3.9	15
90	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	4.5	14
89	The solubility of cefquinome sulfate in pure and mixed solvents. <i>Frontiers of Chemical Science and Engineering</i> , 2016 , 10, 245-254	4.5	14
88	Manipulation of Crystal Morphology of Zoxamide Based on Phase Diagram and Crystal Structure Analysis. <i>Crystal Growth and Design</i> , 2018 , 18, 5790-5799	3.5	14
87	Significance and strategies in developing delivery systems for bio-macromolecular drugs. <i>Frontiers of Chemical Science and Engineering</i> , 2013 , 7, 496-507	4.5	13
86	Highly Efficient and Reusable Montmorillonite/Fe ₃ O ₄ /Humic Acid Nanocomposites for Simultaneous Removal of Cr(VI) and Aniline. <i>Nanomaterials</i> , 2018 , 8,	5.4	13
85	Titanate for water remediation: synthesis, application, mechanism and optimization. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 14415-14440	13	12

84	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
83	Purification of Lysozyme from Protein Mixtures by Solvent-Freeze-Out Technology. <i>Chemical Engineering and Technology</i> , 2014 , 37, 1353-1357	2	12
82	Solubility of Penicillin Sulfoxide in Different Solvents. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 508-509	2.8	12
81	Solubility of Valsartan in Different Organic Solvents and Ethanol + Water Binary Mixtures from (278.15 to 313.15) K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 986-988	2.8	12
80	Polymorphism of levofloxacin: structure, properties and phase transformation. <i>CrystEngComm</i> , 2019 , 21, 6196-6207	3.3	11
79	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	1.6	11
78	Effects of Ionic Impurities (Fe ²⁺ and SO ₄ ²⁻) on the Crystal Growth and Morphology of Phosphoric Acid Hemihydrate during Batch Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 3341-3347	3.9	11
77	The Effects of Polymorphism on Physicochemical Properties and Pharmacodynamics of Solid Drugs. <i>Current Pharmaceutical Design</i> , 2018 , 24, 2375-2382	3.3	11
76	Solubility and dissolution thermodynamic properties of 2-Cyano-4'-methylbiphenyl in binary solvent mixtures. <i>Journal of Molecular Liquids</i> , 2017 , 236, 298-307	6	10
75	Study on Growth Kinetics of CdSe Nanocrystals with a New Model. <i>Nanoscale Research Letters</i> , 2010 , 5, 823-8	5	10
74	Industrial Crystallization in China. <i>Chemical Engineering and Technology</i> , 2016 , 39, 807-814	2	10
73	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	2.9	9
72	Solubility of Lovastatin in Acetone + Water Solvent Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 1335-1337	2.8	9
71	Crystallization and stability of different protein crystal modifications: A case study of lysozyme. <i>Crystal Research and Technology</i> , 2015 , 50, 179-187	1.3	8
70	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	1.3	8
69	Solubility and Metastable Zone of Cefoperazone Sodium in Acetone + Water System. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1123-1125	2.8	8
68	Solubility of Cloxacillin Sodium in Different Binary Solvents. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1084-1086	2.8	8
67	Developing macromolecular therapeutics: the future drug-of-choice. <i>Frontiers of Chemical Engineering in China</i> , 2010 , 4, 10-17		8

66	Transfer model and kinetic characteristics of (NH_4^+) K^+ ion exchange on K-zeolite. <i>Transport in Porous Media</i> , 2008 , 72, 71-82	3.1	8
65	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
64	Application of N-Doped MoS ₂ Nanocrystals for Removal of Azo Dyes in Wastewater. <i>Chemical Engineering and Technology</i> , 2018 , 41, 1180-1187	2	7
63	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	4.5	7
62	Determination of Thermodynamics in Various Solvents and Kinetics of Cefuroxime Sodium during Antisolvent Crystallization. <i>Journal of Chemical & Engineering Data</i> , 2012 , 57, 952-956	2.8	7
61	Coarse crystal layer growth and liquid entrapment study with gradient freeze technology. <i>Crystal Research and Technology</i> , 2012 , 47, 649-657	1.3	7
60	Low molecular weight protamine/insulin formulation with potential to attenuate protamine-masqueraded insulin allergy. <i>Macromolecular Research</i> , 2011 , 19, 1224-1226	1.9	7
59	Solubility of Indinavir Sulfate in Different Solvents from (278.35 to 314.15) K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 2106-2108	2.8	7
58	Aerobic Oil-Phase Cyclic Magnetic Adsorption to Synthesize 1D FeO@TiO Nanotube Composites for Enhanced Visible-Light Photocatalytic Degradation. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
57	Self-Assembly of Monodispersed Carnosine Spherical Crystals in a Reverse Antisolvent Crystallization Process. <i>Crystal Growth and Design</i> , 2019 , 19, 2695-2705	3.5	6
56	Degradation Kinetics and Mechanism of a β -Lactam Antibiotic Intermediate, 6-Aminopenicillanic Acid, in a New Integrated Production Process. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 139-46	3.9	6
55	Motion-Based Multiple Object Tracking of Ultrasonic-Induced Nucleation: A Case Study of L-Glutamic Acid. <i>Crystal Growth and Design</i> , 2017 , 17, 5007-5011	3.5	6
54	Solubility of Captopril in 2-Propanol, Acetone, Acetonitrile, Methyl Acetate, Ethyl Acetate, and Butyl Acetate. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 966-967	2.8	6
53	Solubility of Valsartan in Ethyl Acetate + Hexane Binary Mixtures from (278.15 to 313.15) K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1412-1414	2.8	6
52	Solubility of Acephate in Different Solvents from (292.90 to 327.60) K. <i>Journal of Chemical & Engineering Data</i> , 2007 , 52, 426-428	2.8	6
51	Insight into the role of pre-assembly and desolvation in crystal nucleation: a case of p-nitrobenzoic acid. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019 , 75, 845-854	1.8	6
50	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	1.5	6
49	Self-Induced Nucleation During the Antisolvent Crystallization Process of Candesartan Cilexetil. <i>Crystal Growth and Design</i> , 2018 , 18, 7655-7662	3.5	6

48	Solvent-freeze-out (SFO) technology: A controlled crystallization process—Case study of jack bean urease. <i>Chemical Engineering Science</i> , 2015 , 135, 137-144	4.4	5
47	Purification of Recombinant L-Asparaginase II Using Solvent-Freeze-Out Technology. <i>Chemical Engineering and Technology</i> , 2018 , 41, 1080-1085	2	5
46	Investigations on growth intensification of p-toluamide crystals based on growth rate analysis and molecular simulation. <i>CrystEngComm</i> , 2019 , 21, 5519-5525	3.3	5
45	Transformations among the New Solid-State Forms of Clindamycin Phosphate. <i>Organic Process Research and Development</i> , 2013 , 17, 1445-1450	3.9	5
44	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		5
43	Determination of nucleation kinetics of lovastatin in acetone solution. <i>Crystal Research and Technology</i> , 2010 , 45, 707-711	1.3	5
42	Analysis of Concentration Multiplicity Patterns of Continuous Isothermal Mixed Suspension Mixed Product Removal Reactive Precipitators. <i>Industrial & Engineering Chemistry Research</i> , 2000 , 39, 1437-1442	3.9	5
41	Form selection of concomitant polymorphs: A case study informed by crystallization kinetics modeling. <i>AIChE Journal</i> , 2021 , 67, e17129	3.6	5
40	Experimental Assessment and Modeling of the Solubility of Malonic Acid in Different Solvents. <i>Chemical Engineering and Technology</i> , 2018 , 41, 1098-1107	2	4
39	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	3.9	4
38	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	6	4
37	Melt crystallization of 2,4-dinitrochlorobenzene: Purification and process parameters evaluation. <i>Separation and Purification Technology</i> , 2021 , 259, 118140	8.3	4
36	Use of additives to regulate solute aggregation and direct conformational polymorph nucleation of pimelic acid. <i>IUCr</i> , 2021 , 8, 161-167	4.7	4
35	Purification of 2,4-dinitrochlorobenzene using layer melt crystallization: Model and experiment. <i>Separation and Purification Technology</i> , 2021 , 270, 118806	8.3	4
34	Simultaneous decontamination of multi-pollutants: A promising approach for water remediation. <i>Chemosphere</i> , 2021 , 284, 131270	8.4	4
33	Solubility of p-Aminobenzoic Acid Potassium in Organic Solvents and Binary (Water + Isopropyl Alcohol) Mixture at Temperatures from (283.15 to 318.15) K. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 2629-2636	2.8	3
32	Influence of Diacylglycerol on Physicochemical Properties and Crystallization Behavior of Palm Oil. <i>Chemical Engineering and Technology</i> , 2018 , 41, 1587-1593	2	3
31	Correlation between Thermal Properties and Chemical Composition of Palm Oil Top Olein Fractions. <i>Chemical Engineering and Technology</i> , 2015 , 38, 1035-1041	2	3

30	Gelation Mechanism of Erythromycin Ethylsuccinate During Crystallization. <i>Transactions of Tianjin University</i> , 2019 , 25, 110-117	2.9	3
29	Tunable Emission of Organic Fluorescent Crystals through Polymorphic Manipulation. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 6189-6199	3.8	3
28	Molecular mechanism of crystal nucleation from solution. <i>Science China Chemistry</i> , 2021 , 64, 1460-1481	7.9	3
27	Understanding the role of solvent in regulating the crystal habit. <i>CrystEngComm</i> , 2022 , 24, 2226-2240	3.3	3
26	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	2.9	2
25	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	4.5	2
24	Modeling of Mixed Mechanism Adsorption Processes Driven by Surface Adsorption and Internal Ion Exchange. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 14467-14475	3.9	2
23	Biomorphic triangulations: constructing an additional formation pathway to achieve hierarchical self-evolution in biomorphs. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 472-481	7.8	2
22	A selective cocrystallization separation method based on non-covalent interactions and its application. <i>CrystEngComm</i> , 2021 , 23, 1550-1554	3.3	2
21	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	3.3	2
20	Manipulating of Crystal Morphology and Polymorph by Crystallization in Microemulsions. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 13024-13032	3.9	1
19	Polymorphism and crystal transformation of penicillin sulfoxide. <i>Frontiers of Chemical Science and Engineering</i> , 2011 , 5, 442-447	4.5	1
18	Stability Investigation of CuInS ₂ based heavy-metal free nanocrystals. <i>Materials Research Society Symposia Proceedings</i> , 2011 , 1316, 1		1
17	Metastable state of clindamycin phosphate in cooling crystallization. <i>Transactions of Tianjin University</i> , 2010 , 16, 142-146	2.9	1
16	Influence of additives on the polymorphic manipulation of organic fluorescent crystals and its mechanism. <i>CrystEngComm</i> , 2022 , 24, 854-862	3.3	1
15	Machine learning-based solubility prediction and methodology evaluation of active pharmaceutical ingredients in industrial crystallization. <i>Frontiers of Chemical Science and Engineering</i> , 2021 , 1	4.5	1
14	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	8.3	1
13	Influence of Adsorption State and Molecular Interaction on Physical Stability of Confined Amorphous Vortioxetine. <i>Molecular Pharmaceutics</i> , 2021 , 18, 2754-2763	5.6	1

12	Ultrasound-assisted solution crystallization of fotagliptin benzoate: Process intensification and crystal product optimization. <i>Ultrasonics Sonochemistry</i> , 2021 , 76, 105634	8.9	1
11	Ultrasound-assisted theophylline polymorphic transformation: Selective polymorph nucleation, molecular mechanism and kinetics analysis. <i>Ultrasonics Sonochemistry</i> , 2021 , 77, 105675	8.9	1
10	Formation and stabilization mechanism of mesoscale clusters in solution.. <i>IUCrJ</i> , 2022 , 9, 215-222	4.7	0
9	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	3.5	0
8	CFD-DEM Model and Simulation of Continuous Antisolvent Crystallization in an Impinging Jet Crystallizer with a Multi-orifice at Different Positions. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 11802-11811	3.9	0
7	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	3.3	
6	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	2.9	
5	Employing Photo-Assisted Ligand Exchange Technique in Layered. <i>Materials Research Society Symposia Proceedings</i> , 2011 , 1286, 54		
4	A method to synthesize CdSe nanocrystals. <i>Frontiers of Chemical Engineering in China</i> , 2007 , 1, 377-380		
3	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		
2	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 ^{8.9}		
1	Spatiotemporal control of l-phenyl-alanine crystallization in microemulsion: the role of water in mediating molecular self-assembly.. <i>IUCrJ</i> , 2022 , 9, 370-377	4.7	