

Junbo Gong

List of Publications by Year in Descending Order

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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.

322 papers	4,579 citations	31 h-index	48 g-index
347 ext. papers	5,743 ext. citations	4.2 avg, IF	5.94 L-index

#	Paper	IF	Citations
322	Structural Insights into the Highly Solvating System of Axitinib via Binary and Ternary Solvates. <i>Crystal Growth and Design</i> , 2022 , 22, 1083-1093	3.5	0
321	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	3.5	2
320	Bendable and Twistable Crystals of Flufenamic Acid Form III with Bending Mechano-fluorochromism Behavior. <i>Crystal Growth and Design</i> , 2022 , 22, 1312-1318	3.5	2
319	Process intensification and control strategies in cooling crystallization: Crystal size and morphology optimization of PABA. <i>Chemical Engineering Research and Design</i> , 2022 , 179, 265-276	5.5	0
318	Measurement and correlation of the solubility of kojic acid in pure and binary solvents. <i>Journal of Chemical Thermodynamics</i> , 2022 , 167, 106712	2.9	1
317	Discovering inhibitor molecules for pathological crystallization of CaOx kidney stones from natural extracts of medical herbs. <i>Journal of Ethnopharmacology</i> , 2022 , 284, 114733	5	2
316	Growth defects of organic crystals: A review. <i>Chemical Engineering Journal</i> , 2022 , 429, 132450	14.7	2
315	Thermodynamic analysis and molecular dynamic simulation of the solubility of 2,2-Bis(hydroxymethyl)propionic acid in 12 monosolvents. <i>Journal of Chemical Thermodynamics</i> , 2022 , 164, 106625	2.9	2
314	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
313	Process Control and Intensification of Solution Crystallization. <i>Springer Optimization and Its Applications</i> , 2022 , 1-31	0.4	
312	In-situ multi-phase flow imaging for particle dynamic tracking and characterization: Advances and applications. <i>Chemical Engineering Journal</i> , 2022 , 438, 135554	14.7	0
311	The solid-liquid equilibrium behavior of 2,7-dihydroxynaphthalene in eleven organic solvents: Thermodynamic analysis and molecular simulation understanding. <i>Journal of Chemical Thermodynamics</i> , 2022 , 170, 106781	2.9	0
310	Enhanced Solubility, Dissolution, and Permeability of Abacavir by Salt and Cocrystal Formation. <i>Crystal Growth and Design</i> , 2022 , 22, 428-440	3.5	3
309	The heterogeneous nucleation of pimelic acid under the effect of a template: experimental research and molecular simulation. <i>CrystEngComm</i> , 2022 , 24, 2825-2835	3.3	
308	Dual Mechanism of Natural Polyphenols on crystal whiskers formation on calcium oxalate monohydrate crystal surface. <i>Applied Surface Science</i> , 2022 , 592, 153355	6.7	
307	Improving separation efficiency of crystallization by ultrasound-accelerated nucleation: The role of solute diffusion and solvation effect. <i>Separation and Purification Technology</i> , 2022 , 294, 121143	8.3	0
306	Solid-liquid equilibrium of ropivacaine in fourteen organic solvents: An experimental and molecular simulation study. <i>Journal of Molecular Liquids</i> , 2021 , 349, 118163	6	2

305	Salts of 2-Hydroxybenzylamine with Improvements on Solubility and Stability: Virtual and Experimental Screening. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 169, 106091	5.1	2
304	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
303	Modular Assembly of Drug and Monodisperse SPIONs for Superior Magnetic and T-Imaging Performance. <i>Bioconjugate Chemistry</i> , 2021 , 32, 182-191	6.3	0
302	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
301	Exploring Solid Form Landscape of Anticancer Drug Dimethylaminomicheliolide Fumarate: Crystal Structures Analysis, Phase Transformation Behavior, and Physicochemical Properties Characterization. <i>Crystal Growth and Design</i> , 2021 , 21, 2643-2652	3.5	2
300	Solubility Measurement and Thermodynamic Correlation of 4-(Hydroxymethyl) Benzoic Acid in Nine Pure Solvents and Two Binary Solvent Mixtures at (283.15B23.15) K. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 2114-2123	2.8	1
299	Preparation and Formation Mechanism of L-Valine Spherulites via Evaporation Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 6048-6058	3.9	3
298	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	3.5	0
297	Tuning morphology of sulfadiazine through phase transformation of two novel solvates. <i>Journal of Crystal Growth</i> , 2021 , 562, 126087	1.6	0
296	Distinct pathways of solid-to-solid phase transitions induced by defects: the case of dl-me-thio-nine. <i>IUCrJ</i> , 2021 , 8, 584-594	4.7	1
295	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	7.8	
294	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
293	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	3.5	3
292	Development and Structure Analysis of Crystal Forms of Apabetalone: Solvates and Polymorphs. <i>Crystal Growth and Design</i> , 2021 , 21, 3864-3873	3.5	1
291	Understanding the solid-liquid phase equilibrium of 3,5-dimethoxybenzoic acid in thirteen pure solvents by thermodynamic analysis and molecular simulation. <i>Journal of Molecular Liquids</i> , 2021 , 332, 115882	6	6
290	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
289	Evaluation on Cocrystal Screening Methods and Synthesis of Multicomponent Crystals: A Case Study. <i>Crystal Growth and Design</i> , 2021 , 21, 4531-4546	3.5	2
288	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 , 116967	6	4

287	Solubility of benorilate in twelve monosolvents: Determination, correlation and COSMO-RS analysis. <i>Journal of Chemical Thermodynamics</i> , 2021 , 152, 106272	2.9	11
286	Solid-liquid equilibrium behavior and thermodynamic analysis of p-aminobenzoic acid using experimental measurement and molecular dynamic simulation. <i>Journal of Molecular Liquids</i> , 2021 , 323, 114964	6	8
285	Similar but Not the Same: Difference in the Ability to Form Cocrystals between Nimesulide and the Pyridine Analogues. <i>Crystal Growth and Design</i> , 2021 , 21, 287-296	3.5	2
284	Low-dose salinomycin inhibits breast cancer metastasis by repolarizing tumor hijacked macrophages toward the M1 phenotype. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 157, 105629	5.1	7
283	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
282	Optimizing the morphology of calcium D-pantothenate by controlling phase transformation processes. <i>CrystEngComm</i> , 2021 , 23, 2162-2173	3.3	0
281	Highly-efficient production of spherical co-agglomerates of drugs via an organic solvent-free process and a mechanism study. <i>Green Chemistry</i> , 2021 , 23, 2710-2721	10	4
280	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
279	Form selection of concomitant polymorphs: A case study informed by crystallization kinetics modeling. <i>AIChE Journal</i> , 2021 , 67, e17129	3.6	5
278	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
277	Use of additives to regulate solute aggregation and direct conformational polymorph nucleation of pimelic acid. <i>IUCrJ</i> , 2021 , 8, 161-167	4.7	4
276	Application of PAT-Based Feedback Control Approaches in Pharmaceutical Crystallization. <i>Crystals</i> , 2021 , 11, 221	2.3	5
275	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	3.5	8
274	Jumping Crystal Based on an Organic Charge Transfer Complex with Reversible ON/OFF Switching of Luminescence by External Thermal Stimuli 2021 , 3, 275-281		10
273	Review of melt crystallization in the pharmaceutical field, towards crystal engineering and continuous process development. <i>Chemical Engineering Research and Design</i> , 2021 , 166, 268-280	5.5	7
272	Particle design of the metastable form of clopidogrel hydrogen sulfate by building spherulitic growth operating spaces in binary solvent systems. <i>Powder Technology</i> , 2021 , 386, 70-80	5.2	0
271	Rationalizing the Formation of Belinostat Solvates with Experimental Screening and Computational Predictions. <i>Crystal Growth and Design</i> , 2021 , 21, 4986-4996	3.5	0
270	Revealing dissolution behavior of o-methoxybenzoic acid in twelve pure solvents using thermodynamic analysis and molecular simulation. <i>Journal of Molecular Liquids</i> , 2021 , 336, 116242	6	4

269	Template design based on molecular and crystal structure similarity to regulate conformational polymorphism nucleation: the case of β -alkanedioic acids. <i>IUCr</i> , 2021 , 8, 814-822	4.7	1
268	Ultrasound-assisted solution crystallization of fotaliptin benzoate: Process intensification and crystal product optimization. <i>Ultrasonics Sonochemistry</i> , 2021 , 76, 105634	8.9	1
267	Bending for Better: Flexible Organic Single Crystals with Controllable Curvature and Curvature-Related Conductivity for Customized Electronic Devices. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22424-22431	16.4	6
266	Solid-liquid equilibrium and thermodynamic analysis of elastically bendable crystal celecoxib in thirteen pure solvents based on experiments and molecular simulation. <i>Journal of Molecular Liquids</i> , 2021 , 338, 116706	6	2
265	Ultrasound-assisted theophylline polymorphic transformation: Selective polymorph nucleation, molecular mechanism and kinetics analysis. <i>Ultrasonics Sonochemistry</i> , 2021 , 77, 105675	8.9	1
264	Study on the formation mechanism of isoniazid crystal defects and defect elimination strategy based on ultrasound. <i>Ultrasonics Sonochemistry</i> , 2021 , 77, 105674	8.9	2
263	The competition between solvent-solvent and solute-solvent act on the nucleation process of 4-(methylsulfonyl)benzaldehyde. <i>Journal of Molecular Liquids</i> , 2021 , 337, 116391	6	0
262	Bending for Better: Flexible Organic Single Crystals with Controllable Curvature and Curvature-Related Conductivity for Customized Electronic Devices. <i>Angewandte Chemie</i> , 2021 , 133, 22598-22605	3.6	0
261	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	
260	Transfer of European Union priority polycyclic aromatic hydrocarbons to lycopene extracted from tomato peel powder and assessment of the risks posed. <i>Food Chemistry</i> , 2021 , 357, 129785	8.5	0
259	Quantitative analysis of binary mixtures of entecavir using solid-state analytical techniques with chemometric methods. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103360	5.9	1
258	Solubility measurement and thermodynamic correlation of (2,4-dichlorophenoxy)acetic acid in fifteen pure solvents. <i>Journal of Chemical Thermodynamics</i> , 2021 , 163, 106589	2.9	2
257	Progress and Principle of Drug Nanocrystals for Tumor Targeted Delivery.. <i>AAPS PharmSciTech</i> , 2021 , 23, 41	3.9	0
256	Strategies for Liposome Drug Delivery Systems to Improve Tumor Treatment Efficacy.. <i>AAPS PharmSciTech</i> , 2021 , 23, 27	3.9	6
255	Solubility measurement, thermodynamic correlation and molecular simulations of uracil in (alcohol + water) binary solvents at (283.15/18.15) K. <i>Journal of Molecular Liquids</i> , 2020 , 318, 114259	6	17
254	Green Mechanochemical Strategy for the Discovery and Selective Preparation of Polymorphs of Active Pharmaceutical Ingredient γ -Aminobutyric Acid (GABA). <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 16781-16790	8.3	4
253	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
252	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

251	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	2.9	7
250	Effects of Temperature and Solvent Properties on the Liquid-Solid Phase Equilibrium of β -Pyrazinamide. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 3667-3678	2.8	5
249	Ultrasound-assisted intensified crystallization of L-glutamic acid: Crystal nucleation and polymorph transformation. <i>Ultrasonics Sonochemistry</i> , 2020 , 68, 105227	8.9	20
248	Additive-Induced Selective Crystallization of the Elusive Form-II of β -Aminobutyric Acid. <i>Chemical Engineering and Technology</i> , 2020 , 43, 1137-1143	2	1
247	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
246	Strategy of selecting solvent systems for spherical agglomeration by the Lifshitz-van der Waals acid-base approach. <i>Chemical Engineering Science</i> , 2020 , 220, 115613	4.4	7
245	Novel semibatch supersaturation control approach for the cooling crystallization of heat-sensitive materials. <i>AIChE Journal</i> , 2020 , 66, e16955	3.6	7
244	Understanding the Effects of Upstream Impurities on the Oiling-Out and Crystallization of β -Aminobutyric Acid. <i>Organic Process Research and Development</i> , 2020 , 24, 398-404	3.9	4
243	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	
242	Effect of crystal growth kinetics on the formation of liquid inclusions in tetramethylpyrazine crystals. <i>CrystEngComm</i> , 2020 , 22, 1991-2001	3.3	10
241	Nucleation behavior of ethyl vanillin: Balance between chemical potential difference and saturation temperature. <i>Journal of Molecular Liquids</i> , 2020 , 303, 112609	6	10
240	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
239	Solubility Measurement and Correlation of Ceftiofur Sodium Trihydrate in Four Binary Solvent Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 916-922	2.8	2
238	Understanding the Crystallization Pathway of Monosodium Urate Monohydrate in a Biomimetic Matrix. <i>Crystal Growth and Design</i> , 2020 , 20, 804-812	3.5	3
237	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
236	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
235	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
234	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

233	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
232	Simulation and experimental investigation of a novel supersaturation feedback control strategy for cooling crystallization in semi-batch implementation. <i>Chemical Engineering Science</i> , 2020 , 225, 115807	4.4	5
231	Legumain-deficient macrophages promote senescence of tumor cells by sustaining JAK1/STAT1 activation. <i>Cancer Letters</i> , 2020 , 472, 40-49	9.9	6
230	The time and location dependent prediction of crystal caking by a modified crystal bridge growth model and DEM simulation considering particle size and shape. <i>Chemical Engineering Science</i> , 2020 , 214, 115419	4.4	4
229	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
228	The formation mechanism of hollow spherulites and molecular conformation of curcumin and solvate. <i>CrystEngComm</i> , 2020 , 22, 8405-8411	3.3	0
227	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
226	Crystallization behavior of citric acid based on solution speciation and growth kinetics. <i>CrystEngComm</i> , 2020 , 22, 8189-8196	3.3	
225	Revealing the role of anisotropic solvent interaction in crystal habit formation of nifedipine. <i>Journal of Crystal Growth</i> , 2020 , 552, 125941	1.6	1
224	Seeding Techniques and Optimization of Solution Crystallization Processes. <i>Organic Process Research and Development</i> , 2020 , 24, 1839-1849	3.9	9
223	A New Perspective of Gallic Acid on Calcium Oxalate Nucleation. <i>Crystal Growth and Design</i> , 2020 , 20, 3173-3181	3.5	6
222	Artificial Neural Network Prediction of Metastable Zone Widths in Reactive Crystallization of Lithium Carbonate. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 7765-7776	3.9	3
221	Polymorphism of levofloxacin: structure, properties and phase transformation. <i>CrystEngComm</i> , 2019 , 21, 6196-6207	3.3	11
220	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
219	Versatile solid forms of boscalid: insight into the crystal structures and phase transformations. <i>CrystEngComm</i> , 2019 , 21, 6838-6849	3.3	4
218	Insight into the State Evolution of Norfloxacin as a Function of Drug Concentration in Norfloxacin-Vinylpyrrolidone/Hydroxypropyl Methylcellulose/Hydroxypropyl Methylcellulose Phthalate Solid Dispersions. <i>Crystal Growth and Design</i> , 2019 , 19, 6239-6251	3.5	7
217	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
216	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

215	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
214	Core-Shell Structured Cyclodextrin Metal-Organic Frameworks with Hierarchical Dye Encapsulation for Tunable Light Emission. <i>Chemistry of Materials</i> , 2019 , 31, 1289-1295	9.6	61
213	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
212	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
211	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
210	Asparaginyl endopeptidase induces endothelial permeability and tumor metastasis via downregulating zonula occludens protein ZO-1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 2267-2275	6.9	2
209	Mechanism and Modelling of Reactive Crystallization Process of Lithium Carbonate. <i>Processes</i> , 2019 , 7, 248	2.9	6
208	Core-Shell-Structured Cyclodextrin Metal-Organic Frameworks for Programmable Cargo Release. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16280-16284	9.5	10
207	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
206	Influence of the Solvent Content on the Phase Transformation of Sulfadiazine N-Methyl Pyrrolidone Solvate. <i>Chemical Engineering and Technology</i> , 2019 , 42, 1435-1445	2	3
205	Polymorphism and molecular conformations of nicosulfuron: structure, properties and desolvation process. <i>CrystEngComm</i> , 2019 , 21, 2790-2798	3.3	7
204	Aggregation-induced emission and polymorphism/shape/size-dependent emission behaviours of fenamates for potential drug evaluation. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3409-3415	3.9	2
203	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
202	Amorphous and humidity caking: A review. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 1429-1438	3.2	10
201	Continuous crystallization of γ -Form L-glutamic acid in an MSM-PR-Tubular crystallizer system. <i>Journal of Crystal Growth</i> , 2019 , 507, 344-351	1.6	12
200	A tolbutamide-metformin salt based on antidiabetic drug combinations: synthesis, crystal structure analysis and pharmaceutical properties. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019 , 75, 1250-1258	0.8	6
199	Two new polymorphs and one dihydrate of lenalidomide: solid-state characterization study. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 1175-1180	3.4	5
198	Drug-drug salts of mefenamic acid/tolfenamic acid and piperazine to improve physicochemical properties for potential veterinary use. <i>CrystEngComm</i> , 2019 , 21, 5284-5291	3.3	3

197	Crystal Structure, Stability and Desolvation of the Solvates of Sorafenib Tosylate. <i>Crystals</i> , 2019 , 9, 367	2.3	11
196	Solid-liquid phase equilibrium and thermodynamic analysis of griseofulvin in twelve mono-solvents. <i>Journal of Molecular Liquids</i> , 2019 , 296, 111861	6	15
195	Thermodynamic Polymorph Selection in Enantiotropic Systems Using Supersaturation-Controlled Batch and Semibatch Cooling Crystallization. <i>Crystal Growth and Design</i> , 2019 , 19, 6715-6726	3.5	8
194	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
193	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
192	Uncovering the Role of Surfactants in Controlling the Crystal Growth of Pyridoxine Hydrochloride. <i>Crystal Growth and Design</i> , 2019 , 19, 7240-7248	3.5	4
191	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
190	Revealing the critical role of template functional group ordering in the template-directed crystallization of pyrazinamide. <i>CrystEngComm</i> , 2019 , 21, 6382-6389	3.3	3
189	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
188	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
187	Spherical Crystallization and the Mechanism of Clopidogrel Hydrogen Sulfate. <i>Chemical Engineering and Technology</i> , 2018 , 41, 1259-1265	2	9
186	Effect of Mixing on the Particle Size Distribution of Paracetamol Continuous Cooling Crystallization Products Using a Computational Fluid Dynamics-Population Balance Equation Simulation. <i>Crystal Growth and Design</i> , 2018 , 18, 2851-2863	3.5	11
185	Legumain, an asparaginyl endopeptidase, mediates the effect of M2 macrophages on attenuating renal interstitial fibrosis in obstructive nephropathy. <i>Kidney International</i> , 2018 , 94, 91-101	9.9	27
184	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
183	The Solid-Liquid Equilibrium and Crystal Habit of L-Carnitine Fumarate. <i>Journal of Chemical & Engineering Data</i> , 2018 , 63, 574-586	2.8	3
182	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
181	Seed-Assisted Effects on Solution-Mediated Phase Transformation: A Case Study of L-Histidine in Antisolvent Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 784-793	3.9	5
180	Oiling-Out Investigation and Morphology Control of L-Alanine Based on Ternary Phase Diagrams. <i>Crystal Growth and Design</i> , 2018 , 18, 818-826	3.5	24

- 179 Optimization of cooling strategy and seeding by FBRM analysis of batch crystallization. *Journal of Crystal Growth*, **2018**, 486, 1-9 1.6 15
- 178 Ultrasonic Irradiation and Seeding To Prevent Metastable Liquid-Liquid Phase Separation and Intensify Crystallization. *Crystal Growth and Design*, **2018**, 18, 2628-2635 3.5 19
- 177 Caking of crystals: Characterization, mechanisms and prevention. *Powder Technology*, **2018**, 337, 51-67 5.2 22
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26	Solubility of Dexibuprofen in Different Solvents from (263.15 to 293.15) K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 671-673	2.8	6
25	Solubility of Candesartan Cilexetil in Different Solvents at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 658-660	2.8	8
24	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
23	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
22	Downregulation of transcription factor Oct4 induces an epithelial-to-mesenchymal transition via enhancement of Ca ²⁺ influx in breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 411, 786-91	3.4	90
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15	Immobilization of penicillin G acylase onto amino-modified silica hydrogel. <i>Frontiers of Chemical Engineering in China</i> , 2010 , 4, 87-90		2
14	Determination of nucleation kinetics of lovastatin in acetone solution. <i>Crystal Research and Technology</i> , 2010 , 45, 707-711	1.3	5
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12	Isoelectrical Points and Solubility of 6-Aminopenicillanic Acid in Water + 1-Butanol + Butyl Acetate. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 373-375	2.8	4
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