

Qiuxiang Yin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1826565/qiuxiang-yin-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

114
papers

1,495
citations

22
h-index

32
g-index

125
ext. papers

1,814
ext. citations

3.4
avg, IF

4.64
L-index

#	Paper	IF	Citations
114	The effect of chain length and side chains on the solubility of peptides in water from 278.15K to 313.15K: A case study in glycine homopeptides and dipeptides. <i>Journal of Molecular Liquids</i> , 2022 , 118686		1
113	Facile Model for Predicting Sweat Mass and Concentration in Layer Melt Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2022 , 61, 3704-3712	3.9	3
112	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
111	Investigation of Agglomeration in the Presence of Oiling Out in the Antisolvent Crystallization Process. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 4110-4119	3.9	5
110	Designing Sequence-Defined Peptoids for Biomimetic Control over Inorganic Crystallization. <i>Chemistry of Materials</i> , 2021 , 33, 3047-3065	9.6	1
109	Molecular, Solid-State and Surface Structures of the Conformational Polymorphic Forms of Ritonavir in Relation to their Physicochemical Properties. <i>Pharmaceutical Research</i> , 2021 , 38, 971-990	4.5	6
108	Insights into Intermolecular Interactions of Spironolactone Solvates. <i>Crystal Growth and Design</i> , 2021 , 21, 3677-3688	3.5	4
107	Phase transformation among multiple hydrates of creatine phosphate sodium in solution and in the vapor: A distinction between solution- and solvent- mediated transformation. <i>Journal of Molecular Liquids</i> , 2021 , 334, 116507	6	1
106	Growth mechanism of the spherulitic propylthiouracil&ferol cocrystal: new perspectives into surface nucleation. <i>CrystEngComm</i> , 2021 , 23, 2367-2375	3.3	1
105	A selective cocrystallization separation method based on non-covalent interactions and its application. <i>CrystEngComm</i> , 2021 , 23, 1550-1554	3.3	2
104	Form selection of concomitant polymorphs: A case study informed by crystallization kinetics modeling. <i>AIChE Journal</i> , 2021 , 67, e17129	3.6	5
103	Bioinspired double self-adhesion coating based on dopamine, coating resin and phosphorylcholine for surface lubrication and antifouling functionalization. <i>Designed Monomers and Polymers</i> , 2021 , 24, 106-112	3.1	
102	Measurement and Correlation of the Solubility of 4,4'-Oxydianiline in Four Binary Solvent Mixtures from T = 293.15 to 333.15 K. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 1328-1343	2.8	1
101	Triglycine (GGG) Adopts a Polyproline II (pPII) Conformation in Its Hydrated Crystal Form: Revealing the Role of Water in Peptide Crystallization. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 8416-8422	6.4	2
100	Solubility determination, model evaluation and solution thermodynamics of isovanillin in 15 pure solvents and 4 binary solvents. <i>Journal of Molecular Liquids</i> , 2021 , 340, 116847	6	1
99	Uncovering solubility behavior of Prednisolone form II in eleven pure solvents by thermodynamic analysis and molecular simulation. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117376	6	0
98	Cocrystals of Propylthiouracil and Nutraceuticals toward Sustained-Release: Design, Structure Analysis, and Solid-State Characterization. <i>Crystal Growth and Design</i> , 2021 , 21, 1202-1217	3.5	13

97	Wet Milling, Seeding, and Ultrasound in the Optimization of the Oiling-Out Crystallization Process. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 18452-18463	3.9	2
96	Screening and Manipulation of L-Glutamic Acid Polymorphs by Antisolvent Crystallization in an Easy-to-Use Microfluidic Device. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 6102-6111	3.9	2
95	Seed-triggered solid-to-solid transformation between color polymorphs: striking differences between quasi-isomorphous crystals of dichloro-substituted salicylideneaniline regioisomers. <i>CrystEngComm</i> , 2020 , 22, 4903-4913	3.3	1
94	Effect of crystal growth kinetics on the formation of liquid inclusions in tetramethylpyrazine crystals. <i>CrystEngComm</i> , 2020 , 22, 1991-2001	3.3	10
93	Investigation of Ternary Phase Diagrams of Carbamazepine-Nicotinamide Cocrystal in Ethanol and Ethanol/Ethyl Acetate Mixtures at 298.15 K and 313.15 K. <i>Journal of Solution Chemistry</i> , 2020 , 49, 117-132	1.8	4
92	Inherent stochastic distribution of nucleation of HMBTAD in different solution volume. <i>Journal of Crystal Growth</i> , 2020 , 535, 125564	1.6	1
91	An Investigation into the Morphology Evolution of Ethyl Vanillin with the Presence of a Polymer Additive. <i>Crystal Growth and Design</i> , 2020 , 20, 1609-1617	3.5	4
90	Solid Forms Selection of Spironolactone: Ternary Phase Diagram and Nucleation Process. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 1350-1361	3.9	4
89	Solvent Effects on Catechol Crystal Habits and Aspect Ratios: A Combination of Experiments and Molecular Dynamics Simulation Study. <i>Crystals</i> , 2020 , 10, 316	2.3	6
88	Influences and the Mechanism of Additives on Intensifying Nucleation and Growth of p-Methylacetanilide. <i>Crystal Growth and Design</i> , 2020 , 20, 973-983	3.5	7
87	Tuning the photomechanical behavior and excellent elasticity of azobenzene via cocrystal engineering. <i>CrystEngComm</i> , 2020 , 22, 8045-8053	3.3	9
86	Crystallization of Lithium Carbonate from Aqueous Solution: New Insights into Crystal Agglomeration. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 18448-18455	3.9	7
85	Reverse Antisolvent Method To Avoid Jelly-like Phase Generation and Preparation of Crystalline Cefquinome. <i>Crystal Growth and Design</i> , 2019 , 19, 1559-1566	3.5	7
84	Studies on structure, NLO properties of a new organic NLO crystal: guanidinium 3,5-dihydroxybenzoate. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 2994-3003	2.1	1
83	Novel Technology for Separation of Binary Eutectic-Forming Mixture by Cocrystallization into Different Sizes Combined with Particle Size Fraction. <i>Industrial & Engineering Chemistry Research</i> , 2019 ,	3.9	2
82	Polymorph Selection by Continuous Crystallization in the Presence of Wet Milling. <i>Crystal Growth and Design</i> , 2019 , 19, 2259-2271	3.5	10
81	Confined Crystallization of Pigment Red 146 in Emulsion Droplets and Its Mechanism. <i>Nanomaterials</i> , 2019 , 9,	5.4	4
80	Crystal Structure Characterization, Independent Gradient Model Analysis, and Gas-Phase-Mediated Transformation of Nicosulfuron DMF Solvate and Hydrate. <i>Crystal Research and Technology</i> , 2019 , 54, 1800244	1.3	4

79	Crystallization of Sodium Percarbonate from Aqueous Solution: Basic Principles of Spherulite Product Design. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 5715-5724	3.9	3
78	Thermodynamic mechanism of selective cocrystallization explored by MD simulation and phase diagram analysis. <i>AIChE Journal</i> , 2019 , 65, e16570	3.6	12
77	A Novel Route to Manufacture 2D Layer MoS and g-CN by Atmospheric Plasma with Enhanced Visible-Light-Driven Photocatalysis. <i>Nanomaterials</i> , 2019 , 9,	5.4	13
76	Gelation Phenomenon During Crystallization of Cefpiramide Sodium. <i>Transactions of Tianjin University</i> , 2019 , 25, 364-370	2.9	1
75	Preparation of Theophylline-Benzoic Acid Cocrystal and On-Line Monitoring of Cocrystallization Process in Solution by Raman Spectroscopy. <i>Crystals</i> , 2019 , 9, 329	2.3	7
74	Cocrystal Solubility Advantage Diagrams as a Means to Control Dissolution, Supersaturation, and Precipitation. <i>Molecular Pharmaceutics</i> , 2019 , 16, 3887-3895	5.6	21
73	Consistency and variability of cocrystals containing positional isomers: the self-assembly evolution mechanism of supramolecular synthons of cresol-piperazine. <i>IUCrJ</i> , 2019 , 6, 1064-1073	4.7	7
72	Conformational Flexibility and Crystallization: The Case of Furosemide. <i>Crystal Growth and Design</i> , 2019 , 19, 2050-2059	3.5	4
71	Molecular Self-assembly in Solution and the Nucleation Pathway: the Case of p-Nitrobenzoic Acid. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 23284-23293	3.9	4
70	Coordination-induced conformation diversity for pharmaceutical polymorph control. <i>CrystEngComm</i> , 2019 , 21, 6585-6590	3.3	1
69	Gelation Mechanism of Erythromycin Ethylsuccinate During Crystallization. <i>Transactions of Tianjin University</i> , 2019 , 25, 110-117	2.9	3
68	Influence of Crystal Growth Conditions on Formation of Macroscopic Inclusions inside Thiourea Crystals. <i>ChemistrySelect</i> , 2018 , 3, 2293-2297	1.8	11
67	L-Malic acid crystallization: polymorphism, semi-spherulites, twisting, and polarity. <i>CrystEngComm</i> , 2018 , 20, 1383-1389	3.3	18
66	Synthesis, Growth, and Characterization of a New Thiourea and Bismuth Chloride Complex with Excellent Nonlinear Optical Properties. <i>Transactions of Tianjin University</i> , 2018 , 24, 532-537	2.9	4
65	Simultaneous Effects of Multiple Factors on Solution-Mediated Phase Transformation: A Case of Spironolactone Forms. <i>Organic Process Research and Development</i> , 2018 , 22, 836-845	3.9	7
64	Influence of solvent properties and intermolecular interaction between solute and solvent on nucleation kinetics of HMBTAD. <i>Journal of Crystal Growth</i> , 2018 , 498, 77-84	1.6	6
63	Insights into the mechanism of concomitant nucleation of form II and ethanol solvate of spironolactone in cooling crystallization.. <i>RSC Advances</i> , 2018 , 8, 9697-9706	3.7	6
62	Determination Methods for Crystal Nucleation Kinetics in Solutions. <i>Crystal Growth and Design</i> , 2018 , 18, 540-551	3.5	15

61	The Role of Solvent Composition and Polymorph Surface Chemistry in the Solution-Mediated Phase Transformation Process of Cefaclor. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 16925-16933	3.9	7
60	Solubility and Thermodynamic Properties of A Hexanediamine Derivative in Pure Organic Solvents and Nonaqueous Solvent Mixtures. <i>Journal of Solution Chemistry</i> , 2018 , 47, 1740-1767	1.8	3
59	Effects of Hydrogen Bond Acceptor Ability of Solvents on Molecular Self-Assembly of Sulfadiazine Solvates. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 2823-2828	3.9	5
58	Determination and Correlation of the Solubility of Acetylpyrazine in Pure Solvents and Binary Solvent Mixtures. <i>Journal of Solution Chemistry</i> , 2018 , 47, 950-973	1.8	2
57	Solubility and mixing thermodynamics properties of erythromycin ethylsuccinate in different organic solvents. <i>Journal of Molecular Liquids</i> , 2017 , 237, 46-53	6	10
56	Determination and Correlation of Ethyl Vanillin Solubility in Different Binary Solvents at Temperatures from 273.15 to 313.15 K. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 1788-1796	2.8	9
55	Thermodynamic properties of metamizol monohydrate in pure and binary solvents at temperatures from (283.15 to 313.15) K. <i>Chinese Journal of Chemical Engineering</i> , 2017 , 25, 1481-1491	3.2	5
54	Insight into the Role of Hydrogen Bonding in the Molecular Self-Assembly Process of Sulfamethazine Solvates. <i>Crystal Growth and Design</i> , 2017 , 17, 6151-6157	3.5	27
53	Gel Crystal Transition during Crystallization of Cefpiramide. <i>Chemistry Letters</i> , 2017 , 46, 1292-1295	1.7	3
52	Influence of Solution Composition and Temperature on the Crystal Form of Sodium Dehydroacetate. <i>Chemical Engineering and Technology</i> , 2017 , 40, 1235-1241	2	1
51	Determination of metastable zone and induction time of analgin for cooling crystallization. <i>Chinese Journal of Chemical Engineering</i> , 2017 , 25, 313-318	3.2	13
50	Measurement and correlation of solubility of ciclesonide in seven pure organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2017 , 105, 133-141	2.9	32
49	Thermodynamic equilibrium of 4-hydroxy-2,5-dimethyl-3(2H)-furanone in different solvent systems. <i>Journal of Chemical Thermodynamics</i> , 2016 , 92, 12-20	2.9	49
48	Process Design for Antisolvent Crystallization of Erythromycin Ethylsuccinate in Oiling-out System. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 7484-7492	3.9	19
47	The Effect of Dissolved Gases as Impurities on Crystallization. <i>Chemical Engineering and Technology</i> , 2016 , 39, 1213-1218	2	6
46	Measurement and correlation of solubility of cefmenoxime hydrochloride in pure solvents and binary solvent mixtures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 95, 63-71	2.9	46
45	Antisolvent Crystallization of Erythromycin Ethylsuccinate in the Presence of Liquid-Liquid Phase Separation. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 766-776	3.9	14
44	Measurement and correlation of solubility of thiourea in two solvent mixtures from T = (283.15 to 313.15) K. <i>Journal of Chemical Thermodynamics</i> , 2016 , 94, 110-118	2.9	38

43	Formation and Transformation Behavior of Sodium Dehydroacetate Hydrates. <i>Molecules</i> , 2016 , 21, 458	4.8	4
42	Crystal structure, thermal crystal form transformation, desolvation process and desolvation kinetics of two novel solvates of ciclesonide. <i>RSC Advances</i> , 2016 , 6, 51037-51045	3.7	11
41	From Jellylike Phase to Crystal: Effects of Solvent on Self-Assembly of Cefotaxime Sodium. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 3075-3083	3.9	16
40	Effect of polymorphism on thermodynamic properties of cefamandole nafate. <i>Fluid Phase Equilibria</i> , 2016 , 422, 56-65	2.5	9
39	Thermodynamic Properties of Polymorphs of 2,2?-Thiodiethylene Bis[3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate]. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 740-747	2.8	2
38	Formation of Solid Solution and Ternary Phase Diagrams of Anthracene and Phenanthrene in Different Organic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 1401-1407	2.8	15
37	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
36	Phase Transformation between Anhydrate and Monohydrate of Sodium Dehydroacetate. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 3438-3444	3.9	19
35	Spherulitic Crystallization of L-Tryptophan: Characterization, Growth Kinetics, and Mechanism. <i>Crystal Growth and Design</i> , 2015 , 15, 5124-5132	3.5	19
34	Solubilities of 3-Chlorophthalic Anhydride and 4-Chlorophthalic Anhydride in Different Pure Solvents. <i>Journal of Chemical & Engineering Data</i> , 2015 , 60, 3053-3061	2.8	22
33	Effects of air-cooling on skin cells of hollow-fiber membranes prepared via thermally induced phase separation. <i>Polymer Engineering and Science</i> , 2015 , 55, 1661-1670	2.3	0
32	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	
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	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
29	Measurement and correlation of solubility of dodecanedioic acid in different pure solvents from T = (288.15 to 323.15) K. <i>Journal of Chemical Thermodynamics</i> , 2014 , 68, 270-274	2.9	46
28	Investigation on Main Reaction and Side Reaction Mechanism in the Synthetic Process of 1-(5-Bromothiophen-2-yl)-3-(4-nitrophenyl)prop-2-en-1-one Using Raman Spectroscopy. <i>Organic Process Research and Development</i> , 2014 , 18, 1686-1695	3.9	1
27	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
26	Thermodynamic Properties of Form A and Form B of Florfenicol. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 13506-13512	3.9	29

25	Measurement and Correlation of Solubility and Dissolution Thermodynamic Properties of Furan-2-carboxylic Acid in Pure and Binary Solvents. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 1326-1333	2.8	26
24	Characterization and Structure Analysis of Cefodizime Sodium Solvates Crystallized from Water and Ethanol Binary Solvent Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 3373-3377	3.9	11
23	Effects of Solvent on Polymorph Formation and Nucleation of Prasugrel Hydrochloride. <i>Crystal Growth and Design</i> , 2014 , 14, 4519-4525	3.5	53
22	Investigation of the Crystallization of Disodium 5'-Inosinate in a Water + Ethanol System: Solubility, Nucleation Mechanism, and Crystal Morphology. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 8913-8919	3.9	30
21	Solution-Mediated Polymorphic Transformation of Prasugrel Hydrochloride from Form II to Form I. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 5652-5659	3.9	43
20	An odd-even effect on solubility of dicarboxylic acids in organic solvents. <i>Journal of Chemical Thermodynamics</i> , 2014 , 77, 91-97	2.9	41
19	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
18	Concomitant Polymorphism of Prasugrel Hydrochloride in Reactive Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 16182-16189	3.9	19
17	Crystal Structures and Solvent-Mediated Transformation of the Enantiotropic Polymorphs of 2,3,5-Trimethyl-1,4-diacetoxybenzene. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 17667-17675	3.9	14
16	Nucleation and growth mechanism of cefodizime sodium at different solvent compositions. <i>Frontiers of Chemical Science and Engineering</i> , 2013 , 7, 490-495	4.5	7
15	Thermodynamic analysis and correlation of solubility of candesartan cilexetil in aqueous solvent mixtures. <i>Fluid Phase Equilibria</i> , 2013 , 337, 354-362	2.5	37
14	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
13	Polymorphic Crystallization and Transformation of Candesartan Cilexetil. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 12910-12916	3.9	25
12	Correlation of Solubilities of Hydrophilic Pharmaceuticals versus Dielectric Constants of Binary Solvents. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 6933-6938	3.9	25
11	Isolation and characterization of a new polymorph of D-sorbitol. <i>Crystal Research and Technology</i> , 2012 , 47, 409-414	1.3	6
10	Solubility of Candesartan Cilexetil in Different Solvents at Various Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 658-660	2.8	8
9	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
8	Solubility of 5-Amino-N,N'-bis(2,3-dihydroxypropyl)-2,4,6-triiodobenzene-1,3-dicarboxamide in Ethanol + Water Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 2355-2357	2.8	21

7	Co-Crystallization in the Caffeine/Maleic Acid System: Lessons from Phase Equilibria. <i>Crystal Growth and Design</i> , 2010 , 10, 268-273	3.5	52
6	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
5	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
4	Effect of Solvent on the Crystal Structure and Habit of Hydrocortisone. <i>Crystal Growth and Design</i> , 2008 , 8, 1490-1494	3.5	46
3	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
2	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
1	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	3.0	5