Lynne S Taylor

List of Publications by Year
in descending order

478	20,717	10351 72	19136 118
papers	citations	h-index	g-index

482	482	482	9003
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectroscopic characterization of interactions between PVP and indomethacin in amorphous molecular dispersions. , 1997, 14, 1691-1698.		790
2	A Classification System to Assess the Crystallization Tendency of Organic Molecules from Undercooled Melts. Journal of Pharmaceutical Sciences, 2010, 99, 3787-3806.	1.6	535
3	Theoretical and Practical Approaches for Prediction of Drugâ€“Polymer Miscibility and Solubility. Pharmaceutical Research, 2006, 23, 2417-2426.	1.7	491
4	Estimation of Drugâ€“Polymer Miscibility and Solubility in Amorphous Solid Dispersions Using Experimentally Determined Interaction Parameters. Pharmaceutical Research, 2009, 26, 139-151.	1.7	420
5	Understanding the Behavior of Amorphous Pharmaceutical Systems during Dissolution. Pharmaceutical Research, 2010, 27, 608-618.	1.7	395
6	Evaluation of amorphous solid dispersion properties using thermal analysis techniques. Advanced Drug Delivery Reviews, 2012, 64, 396-421.	6.6	379
7	Influence of Different Polymers on the Crystallization Tendency of Molecularly Dispersed Amorphous Felodipine. Journal of Pharmaceutical Sciences, 2006, 95, 2692-2705.	1.6	327
8	Effect of polymer type on the dissolution profile of amorphous solid dispersions containing felodipine. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 493-499.	2.0	325
9	Physical chemistry of supersaturated solutions and implications for oral absorption. Advanced Drug Delivery Reviews, 2016, 101, 122-142.	6.6	286
10	Liquidâ€“Liquid Phase Separation in Highly Supersaturated Aqueous Solutions of Poorly Water-Soluble Drugs: Implications for Solubility Enhancing Formulations. Crystal Growth and Design, 2013, 13, 1497-1509.	1.4	273
11	A Comparison of the Physical Stability of Amorphous Felodipine and Nifedipine Systems. Pharmaceutical Research, 2006, 23, 2306-2316.	1.7	253
12	Dissolution and Precipitation Behavior of Amorphous Solid Dispersions. Journal of Pharmaceutical Sciences, 2011, 100, 3316-3331.	1.6	231
13	The quantitative analysis of crystallinity using FT-Raman spectroscopy. , 1998, 15, 755-761.		225
14	Maintaining Supersaturation in Aqueous Drug Solutions: Impact of Different Polymers on Induction Times. Crystal Growth and Design, 2013, 13, 740-751.	1.4	203
15	Phase Behavior of Poly(vinylpyrrolidone) Containing Amorphous Solid Dispersions in the Presence of Moisture. Molecular Pharmaceutics, 2009, 6, 1492-1505.	2.3	202
16	Pharmaceutical Applications of Cellulose Ethers and Cellulose Ether Esters. Biomacromolecules, 2018, 19, 2351-2376.	2.6	192
17	Understanding Polymer Properties Important for Crystal Growth Inhibitionâ€”Impact of Chemically Diverse Polymers on Solution Crystal Growth of Ritonavir. Crystal Growth and Design, 2012, 12, 3133-3143.	1.4	186
18	Pharmaceutical amorphous solid dispersion: A review of manufacturing strategies. Acta Pharmaceutica Sinica B, 2021, 11, 2505-2536.	5.7	182

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19	Kinetic Study of Catechin Stability: Effects of pH, Concentration, and Temperature. Journal of Agricultural and Food Chemistry, 2012, 60, 12531-12539.	2.4	177
20	Mixing Behavior of Colyophilized Binary Systems. Journal of Pharmaceutical Sciences, 1998, 87, 694-701.	1.6	173
21	Evaluation of Drug-Polymer Miscibility in Amorphous Solid Dispersion Systems. Pharmaceutical Research, 2009, 26, 2523-2534.	1.7	173
22	Sugarâ€“polymer hydrogen bond interactions in lyophilized amorphous mixtures. Journal of Pharmaceutical Sciences, 1998, 87, 1615-1621.	1.6	171
23	Effect of temperature and moisture on the miscibility of amorphous dispersions of felodipine and poly(vinyl pyrrolidone). Journal of Pharmaceutical Sciences, 2010, 99, 169-185.	1.6	169
24	Fourier transform Raman spectroscopic study of the interaction of water vapor with amorphous polymers. Journal of Pharmaceutical Sciences, 2001, 90, 888-901.	1.6	163
25	Crystallization of Amorphous Solid Dispersions of Resveratrol during Preparation and Storageâ€”Impact of Different Polymers. Journal of Pharmaceutical Sciences, 2013, 102, 171-184.	1.6	159
26	Effect of Polymer Hygroscopicity on the Phase Behavior of Amorphous Solid Dispersions in the Presence of Moisture. Molecular Pharmaceutics, 2010, 7, 477-490.	2.3	156
27	Effects of Polymer Type and Storage Relative Humidity on the Kinetics of Felodipine Crystallization from Amorphous Solid Dispersions. Pharmaceutical Research, 2009, 26, 2599-2606.	1.7	150
28	Crystallization Tendency of Active Pharmaceutical Ingredients Following Rapid Solvent Evaporationâ€”Classification and Comparison with Crystallization Tendency from Under cooled Melts. Journal of Pharmaceutical Sciences, 2010, 99, 3826-3838.	1.6	148
29	Enhancements and Limits in Drug Membrane Transport Using Supersaturated Solutions of Poorly Water Soluble Drugs. Journal of Pharmaceutical Sciences, 2014, 103, 2736-2748.	1.6	148
30	Both solubility and chemical stability of curcumin are enhanced by solid dispersion in cellulose derivative matrices. Carbohydrate Polymers, 2013, 98, 1108-1116.	5.1	147
31	Crystallization Monitoring by Raman Spectroscopy:Â Simultaneous Measurement of Desupersaturation Profile and Polymorphic Form in Flufenamic Acid Systems. Industrial & Engineering Chemistry Research, 2005, 44, 1233-1240.	1.8	140
32	Exploiting the Phenomenon of Liquidâ€“Liquid Phase Separation for Enhanced and Sustained Membrane Transport of a Poorly Water-Soluble Drug. Molecular Pharmaceutics, 2016, 13, 2059-2069.	2.3	139
33	Ability of Different Polymers to Inhibit the Crystallization of Amorphous Felodipine in the Presence of Moisture. Pharmaceutical Research, 2008, 25, 969-978.	1.7	138
34	A spectroscopic investigation of hydrogen bond patterns in crystalline and amorphous phases in dihydropyridine calcium channel blockers. Pharmaceutical Research, 2002, 19, 477-483.	1.7	134
35	Use of In-Line Near-Infrared Spectroscopy in Combination with Chemometrics for Improved Understanding of Pharmaceutical Processes. Analytical Chemistry, 2005, 77, 556-563.	3.2	132
36	Water-Solids Interactions: Deliquescence. Annual Review of Food Science and Technology, 2010, 1, 41-63.	5.1	131

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37	Characterizing the Impact of Hydroxypropylmethyl Cellulose on the Growth and Nucleation Kinetics of Felodipine from Supersaturated Solutions. Crystal Growth and Design, 2012, 12, 1538-1547.	1.4	120
38	pH-Induced Precipitation Behavior of Weakly Basic Compounds: Determination of Extent and Duration of Supersaturation Using Potentiometric Titration and Correlation to Solid State Properties. Pharmaceutical Research, 2012, 29, 2738-2753.	1.7	118
39	Assessment of the Amorphous â€œSolubilityâ€•of a Group of Diverse Drugs Using New Experimental and Theoretical Approaches. Molecular Pharmaceutics, 2015, 12, 484-495.	2.3	117
40	Role of polymer chemistry in influencing crystal growth rates from amorphous felodipine. CrystEngComm, 2010, 12, 2390.	1.3	116
41	Relationship between amorphous solid dispersion in vivo absorption and in vitro dissolution: phase behavior during dissolution, speciation, and membrane mass transport. Journal of Controlled Release, 2018, 292, 172-182.	4.8	116
42	Congruent release of drug and polymer: A â€œsweet spotâ€•in the dissolution of amorphous solid dispersions. Journal of Controlled Release, 2019, 298, 68-82.	4.8	115
43	Understanding the Tendency of Amorphous Solid Dispersions to Undergo Amorphousâ€“Amorphous Phase Separation in the Presence of Absorbed Moisture. AAPS PharmSciTech, 2011, 12, 1209-1219.	1.5	114
44	Dissolution Performance of High Drug Loading Celecoxib Amorphous Solid Dispersions Formulated with Polymer Combinations. Pharmaceutical Research, 2016, 33, 739-750.	1.7	112
45	In-Line Monitoring of Hydrate Formation during Wet Granulation Using Raman Spectroscopy. Journal of Pharmaceutical Sciences, 2005, 94, 209-219.	1.6	110
46	Impact of Surfactants on the Crystallization of Aqueous Suspensions of Celecoxib Amorphous Solid Dispersion Spray Dried Particles. Molecular Pharmaceutics, 2015, 12, 533-541.	2.3	108
47	Non-Sink Dissolution Conditions for Predicting Product Quality and InÂVivo Performance of Supersaturating Drug Delivery Systems. Journal of Pharmaceutical Sciences, 2016, 105, 2477-2488.	1.6	107
48	Evaluation of Solidâ€State Forms Present in Tablets by Raman Spectroscopy. Journal of Pharmaceutical Sciences, 2000, 89, 1342-1353.	1.6	106
49	Insights into the Dissolution Mechanism of Ritonavirâ€“Copovidone Amorphous Solid Dispersions: Importance of Congruent Release for Enhanced Performance. Molecular Pharmaceutics, 2019, 16, 1327-1339.	2.3	106
50	Glassâ€“Liquid Phase Separation in Highly Supersaturated Aqueous Solutions of Telaprevir. Molecular Pharmaceutics, 2015, 12, 496-503.	2.3	105
51	Effect of Molecular Weight, Temperature, and Additives on the Moisture Sorption Properties of Polyethylene Glycol. Journal of Pharmaceutical Sciences, 2010, 99, 154-168.	1.6	104
52	Solid dispersion of quercetin in cellulose derivative matrices influences both solubility and stability. Carbohydrate Polymers, 2013, 92, 2033-2040.	5.1	104
53	Impact of Solubilizing Additives on Supersaturation and Membrane Transport of Drugs. Pharmaceutical Research, 2015, 32, 3350-3364.	1.7	101
54	Dissolution of Danazol Amorphous Solid Dispersions: Supersaturation and Phase Behavior as a Function of Drug Loading and Polymer Type. Molecular Pharmaceutics, 2016, 13, 223-231.	2.3	101

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55	A comparison of alternative polymer excipients and processing methods for making solid dispersions of a poorly water soluble drug. International Journal of Pharmaceutics, 2001, 222, 139-151.	2.6	95
56	Role of Salt and Excipient Properties on Disproportionation in the Solid-State. Pharmaceutical Research, 2009, 26, 2015-2026.	1.7	93
57	Small Scale Screening To Determine the Ability of Different Polymers To Inhibit Drug Crystallization upon Rapid Solvent Evaporation. Molecular Pharmaceutics, 2010, 7, 1328-1337.	2.3	92
58	Degradation Kinetics of Catechins in Green Tea Powder: Effects of Temperature and Relative Humidity. Journal of Agricultural and Food Chemistry, 2011, 59, 6082-6090.	2.4	92
59	Recrystallization of Nifedipine and Felodipine from Amorphous Molecular Level Solid Dispersions Containing Poly(vinylpyrrolidone) and Sorbed Water. Pharmaceutical Research, 2008, 25, 647-656.	1.7	91
60	pH-Dependent Liquidâ€“Liquid Phase Separation of Highly Supersaturated Solutions of Weakly Basic Drugs. Molecular Pharmaceutics, 2015, 12, 2365-2377.	2.3	91
61	Impact of Polymers on Crystal Growth Rate of Structurally Diverse Compounds from Aqueous Solution. Molecular Pharmaceutics, 2013, 10, 2381-2393.	2.3	90
62	Tailoring supersaturation from amorphous solid dispersions. Journal of Controlled Release, 2018, 279, 114-125.	4.8	90
63	Inhibition of solution crystal growth of ritonavir by cellulose polymers â€“ factors influencing polymer effectiveness. CrystEngComm, 2012, 14, 6503.	1.3	89
64	Phase Behavior of Ritonavir Amorphous Solid Dispersions during Hydration and Dissolution. Pharmaceutical Research, 2017, 34, 2842-2861.	1.7	85
65	Effect of polymers on nucleation and crystal growth of amorphous acetaminophen. CrystEngComm, 2012, 14, 5188.	1.3	83
66	Deliquescence Lowering in Food Ingredient Mixtures. Journal of Food Science, 2006, 71, E10.	1.5	82
67	Role of Viscosity in Influencing the Glass-Forming Ability of Organic Molecules from the Undercooled Melt State. Pharmaceutical Research, 2012, 29, 271-284.	1.7	82
68	Curcumin amorphous solid dispersions: the influence of intra and intermolecular bonding on physical stability. Pharmaceutical Development and Technology, 2014, 19, 976-986.	1.1	82
69	Phase Separation Kinetics in Amorphous Solid Dispersions Upon Exposure to Water. Molecular Pharmaceutics, 2015, 12, 1623-1635.	2.3	80
70	Nanoscale Mid-Infrared Imaging of Phase Separation in a Drugâ€“Polymer Blend. Journal of Pharmaceutical Sciences, 2012, 101, 2066-2073.	1.6	79
71	Application of mid-IR spectroscopy for the characterization of pharmaceutical systems. International Journal of Pharmaceutics, 2011, 417, 3-16.	2.6	77
72	Characterization of the Phase Transitions of Trehalose Dihydrate on Heating and Subsequent Dehydration. Journal of Pharmaceutical Sciences, 1998, 87, 347-355.	1.6	76

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73	Influence of Additives on the Properties of Nanodroplets Formed in Highly Supersaturated Aqueous Solutions of Ritonavir. Molecular Pharmaceutics, 2013, 10, 3392-3403.	2.3	76
74	Airborne Chemistry Coupled to Raman Spectroscopy. Analytical Chemistry, 2003, 75, 2177-2180.	3.2	73
75	Nanoscale Infrared, Thermal, and Mechanical Characterization of Telaprevirâ€“Polymer Miscibility in Amorphous Solid Dispersions Prepared by Solvent Evaporation. Molecular Pharmaceutics, 2016, 13, 1123-1136.	2.3	73
76	Congruent Release of Drug and Polymer from Amorphous Solid Dispersions: Insights into the Role of Drug-Polymer Hydrogen Bonding, Surface Crystallization, and Glass Transition. Molecular Pharmaceutics, 2020, 17, 1261-1275.	2.3	73
77	Physical stability of crystal hydrates and their anhydrates in the presence of excipients. Journal of Pharmaceutical Sciences, 2006, 95, 446-461.	1.6	72
78	Toward an Understanding of the Factors Influencing Anhydrate-to-Hydrate Transformation Kinetics in Aqueous Environments. Crystal Growth and Design, 2008, 8, 2684-2693.	1.4	72
79	Classification of the Crystallization Behavior of Amorphous Active Pharmaceutical Ingredients in Aqueous Environments. Pharmaceutical Research, 2014, 31, 969-982.	1.7	71
80	Trends in the Precipitation and Crystallization Behavior of Supersaturated Aqueous Solutions of Poorly Water-Soluble Drugs Assessed Using Synchrotron Radiation. Journal of Pharmaceutical Sciences, 2015, 104, 1981-1992.	1.6	71
81	Supersaturation Potential of Salt, Co-Crystal, and Amorphous Forms of a Model Weak Base. Crystal Growth and Design, 2016, 16, 737-748.	1.4	70
82	Bile Salts as Crystallization Inhibitors of Supersaturated Solutions of Poorly Water-Soluble Compounds. Crystal Growth and Design, 2015, 15, 2593-2597.	1.4	69
83	Solid-State Spectroscopic Investigation of Molecular Interactions between Clofazimine and Hypromellose Phthalate in Amorphous Solid Dispersions. Molecular Pharmaceutics, 2016, 13, 3964-3975.	2.3	69
84	Improved Understanding of Factors Contributing to Quantification of Anhydrate/Hydrate Powder Mixtures. Applied Spectroscopy, 2005, 59, 942-951.	1.2	68
85	Selective Detection and Quantitation of Organic Molecule Crystallization by Second Harmonic Generation Microscopy. Analytical Chemistry, 2010, 82, 5425-5432.	3.2	68
86	Influence of Particle Size on the Ultraviolet Spectrum of Particulate-Containing Solutions: Implications for In-Situ Concentration Monitoring Using UV/Vis Fiber-Optic Probes. Pharmaceutical Research, 2011, 28, 1643-1652.	1.7	68
87	Insights into the Dissolution Behavior of Ledipasvirâ€“Copovidone Amorphous Solid Dispersions: Role of Drug Loading and Intermolecular Interactions. Molecular Pharmaceutics, 2019, 16, 5054-5067.	2.3	68
88	The role of polymers in oral bioavailability enhancement; a review. Polymer, 2015, 77, 399-415.	1.8	67
89	The application of temperature-composition phase diagrams for hot melt extrusion processing of amorphous solid dispersions to prevent residual crystallinity. International Journal of Pharmaceutics, 2018, 553, 454-466.	2.6	67
90	Effects of the Molecular Weight and Concentration of Polymer Additives, and Temperature on the Melt Crystallization Kinetics of a Small Drug Molecule. Crystal Growth and Design, 2010, 10, 3585-3595.	1.4	66

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91	Color and chemical stability of tea polyphenol (â˜)-epigallocatechin-3-gallate in solution and solid states. Food Research International, 2013, 53, 909-921.	2.9	66
92	Impact of surfactants on the crystal growth of amorphous celecoxib. International Journal of Pharmaceutics, 2014, 461, 251-257.	2.6	66
93	Deliquescence in Binary Mixtures. Pharmaceutical Research, 2005, 22, 318-324.	1.7	65
94	Effect of Binary Additive Combinations on Solution Crystal Growth of the Poorly Water-Soluble Drug, Ritonavir. Crystal Growth and Design, 2012, 12, 6050-6060.	1.4	65
95	Stability and solubility enhancement of ellagic acid in cellulose ester solid dispersions. Carbohydrate Polymers, 2013, 92, 1443-1450.	5.1	65
96	Comparison of Sampling Techniques for In-Line Monitoring Using Raman Spectroscopy. Applied Spectroscopy, 2005, 59, 934-941.	1.2	64
97	Effects of anticaking agents and storage conditions on the moisture sorption, caking, and flowability of deliquescent ingredients. Food Research International, 2012, 45, 369-380.	2.9	64
98	Dropwise Additive Manufacturing of Pharmaceutical Products for Solvent-Based Dosage Forms. Journal of Pharmaceutical Sciences, 2014, 103, 496-506.	1.6	64
99	Investigating the Correlation between Miscibility and Physical Stability of Amorphous Solid Dispersions Using Fluorescence-Based Techniques. Molecular Pharmaceutics, 2016, 13, 3988-4000.	2.3	64
100	An ab initio polymer selection methodology to prevent crystallization in amorphous solid dispersions by application of crystal engineering principles. CrystEngComm, 2011, 13, 6171.	1.3	63
101	The effect of temperature on hydrogen bonding in crystalline and amorphous phases in dihydropyrine calcium channel blockers. Pharmaceutical Research, 2002, 19, 484-490.	1.7	62
102	Nanoscale Mid-Infrared Evaluation of the Miscibility Behavior of Blends of Dextran or Maltodextrin with Poly(vinylpyrrolidone). Molecular Pharmaceutics, 2012, 9, 1459-1469.	2.3	62
103	Thermodynamics of Highly Supersaturated Aqueous Solutions of Poorly Water-Soluble Drugsâ€"Impact of a Second Drug on the Solution Phase Behavior and Implications for Combination Products. Journal of Pharmaceutical Sciences, 2015, 104, 2583-2593.	1.6	62
104	Dropwise Additive Manufacturing of Pharmaceutical Products for Melt-Based Dosage Forms. Journal of Pharmaceutical Sciences, 2015, 104, 1641-1649.	1.6	62
105	Miscibility of Itraconazoleâ€"Hydroxypropyl Methylcellulose Blends: Insights with High Resolution Analytical Methodologies. Molecular Pharmaceutics, 2015, 12, 4542-4553.	2.3	62
106	Impact of Polymer Conformation on the Crystal Growth Inhibition of a Poorly Water-Soluble Drug in Aqueous Solution. Langmuir, 2015, 31, 171-179.	1.6	59
107	Acoustic levitation: recent developments and emerging opportunities in biomaterials research. European Biophysics Journal, 2012, 41, 397-403.	1.2	58
108	Effect of Temperature and Moisture on the Physical Stability of Binary and Ternary Amorphous Solid Dispersions of Celecoxib. Journal of Pharmaceutical Sciences, 2017, 106, 100-110.	1.6	58

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109	Impact of Polymers on the Precipitation Behavior of Highly Supersaturated Aqueous Danazol Solutions. Molecular Pharmaceutics, 2014, 11, 3027-3038.	2.3	57
110	Application of Partial Least-Squares (PLS) modeling in quantifying drug crystallinity in amorphous solid dispersions. International Journal of Pharmaceutics, 2010, 398, 155-160.	2.6	55
111	Effects of storage conditions, formulation, and particle size on moisture sorption and flowability of powders: A study of deliquescent ingredient blends. Food Research International, 2012, 49, 783-791.	2.9	55
112	Deliquescence of pharmaceutical systems. Pharmaceutical Development and Technology, 2010, 15, 582-594.	1.1	54
113	Pairwise Polymer Blends for Oral Drug Delivery. Journal of Pharmaceutical Sciences, 2014, 103, 2871-2883.	1.6	54
114	Investigating the Interaction Pattern and Structural Elements of a Drugâ€“Polymer Complex at the Molecular Level. Molecular Pharmaceutics, 2015, 12, 2459-2468.	2.3	54
115	Investigating the Impact of Drug Crystallinity in Amorphous Tacrolimus Capsules on Pharmacokinetics and Bioequivalence Using Discriminatory InÂVitro Dissolution Testing and Physiologically Based Pharmacokinetic Modeling and Simulation. Journal of Pharmaceutical Sciences, 2018, 107, 1330-1341.	1.6	53
116	Effect of particle size and temperature on the dehydration kinetics of trehalose dihydrate. International Journal of Pharmaceutics, 1998, 167, 215-221.	2.6	52
117	Influence of Polymer and Drug Loading on the Release Profile and Membrane Transport of Telaprevir. Molecular Pharmaceutics, 2018, 15, 1700-1713.	2.3	52
118	Impact of Polymers on the Crystallization and Phase Transition Kinetics of Amorphous Nifedipine during Dissolution in Aqueous Media. Molecular Pharmaceutics, 2014, 11, 3565-3576.	2.3	51
119	Improved Release of Celecoxib from High Drug Loading Amorphous Solid Dispersions Formulated with Polyacrylic Acid and Cellulose Derivatives. Molecular Pharmaceutics, 2016, 13, 873-884.	2.3	51
120	Impact of Micellar Surfactant on Supersaturation and Insight into Solubilization Mechanisms in Supersaturated Solutions of Atazanavir. Pharmaceutical Research, 2017, 34, 1276-1295.	1.7	51
121	Patterns of drug release as a function of drug loading from amorphous solid dispersions: A comparison of five different polymers.. European Journal of Pharmaceutical Sciences, 2020, 155, 105514.	1.9	51
122	Factors Influencing Crystal Growth Rates from Undercooled Liquids of Pharmaceutical Compounds. Journal of Physical Chemistry B, 2014, 118, 9974-9982.	1.2	50
123	Synthesis and structureâ€“property evaluation of cellulose ï‰-carboxyesters for amorphous solid dispersions. Carbohydrate Polymers, 2014, 100, 116-125.	5.1	50
124	Polymer Inhibition of Crystal Growth by Surface Poisoning. Crystal Growth and Design, 2016, 16, 2094-2103.	1.4	49
125	Insights into Nano- and Micron-Scale Phase Separation in Amorphous Solid Dispersions Using Fluorescence-Based Techniques in Combination with Solid State Nuclear Magnetic Resonance Spectroscopy. Pharmaceutical Research, 2017, 34, 1364-1377.	1.7	49
126	Analysis of the Effect of Particle Size on Polymorphic Quantitation by Raman Spectroscopy. Applied Spectroscopy, 2006, 60, 977-984.	1.2	48

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127	Manipulating Theophylline Monohydrate Formation During High-Shear Wet Granulation Through Improved Understanding of the Role of Pharmaceutical Excipients. Pharmaceutical Research, 2008, 25, 923-935.	1.7	48
128	Analysis of Relationships Between Solid-State Properties, Counterion, and Developability of Pharmaceutical Salts. AAPS PharmSciTech, 2010, 11, 1212-1222.	1.5	48
129	Molecular Conformation and Crystallization: The Case of Ethenzamide. Crystal Growth and Design, 2012, 12, 6110-6117.	1.4	48
130	Salt Stability â€“ The Effect of pHmax on Salt to Free Base Conversion. Pharmaceutical Research, 2015, 32, 3110-3118.	1.7	48
131	Influence of Polymers on the Crystal Growth Rate of Felodipine: Correlating Adsorbed Polymer Surface Coverage to Solution Crystal Growth Inhibition. Langmuir, 2015, 31, 11279-11287.	1.6	48
132	Origin of Nanodroplet Formation Upon Dissolution of an Amorphous Solid Dispersion: A Mechanistic Isotope Scrambling Study. Journal of Pharmaceutical Sciences, 2017, 106, 1998-2008.	1.6	48
133	Influence of alkali metal counterions on the glass transition temperature of amorphous indomethacin salts. Pharmaceutical Research, 2002, 19, 649-654.	1.7	46
134	Influence of polymeric excipients on crystal hydrate formation kinetics in aqueous slurries. Journal of Pharmaceutical Sciences, 2008, 97, 5198-5211.	1.6	46
135	Impact of Counterion on the Chemical Stability of Crystalline Salts of Procaine. Journal of Pharmaceutical Sciences, 2010, 99, 3719-3730.	1.6	46
136	Impact of Eudragit EPO and hydroxypropyl methylcellulose on drug release rate, supersaturation, precipitation outcome and redissolution rate of indomethacin amorphous solid dispersions. International Journal of Pharmaceutics, 2017, 531, 313-323.	2.6	46
137	Drug Release and Nanodroplet Formation from Amorphous Solid Dispersions: Insight into the Roles of Drug Physicochemical Properties and Polymer Selection. Molecular Pharmaceutics, 2021, 18, 2066-2081.	2.3	46
138	Evaluation of the Microstructure of Semicrystalline Solid Dispersions. Molecular Pharmaceutics, 2010, 7, 1291-1300.	2.3	45
139	A Comparison of the Crystallization Inhibition Properties of Bile Salts. Crystal Growth and Design, 2016, 16, 7286-7300.	1.4	45
140	Estimation of the transition temperature for an enantiotropic polymorphic system from the transformation kinetics monitored using Raman spectroscopy. Journal of Pharmaceutical and Biomedical Analysis, 2007, 45, 546-551.	1.4	44
141	Influence of polymer chemistry on crystal growth inhibition of two chemically diverse organic molecules. CrystEngComm, 2011, 13, 6712.	1.3	44
142	Mechanistic Design of Chemically Diverse Polymers with Applications in Oral Drug Delivery. Biomacromolecules, 2016, 17, 3659-3671.	2.6	44
143	Impact of Deliquescence on the Chemical Stability of Vitamins B₁, B₆, and C in Powder Blends. Journal of Agricultural and Food Chemistry, 2008, 56, 6471-6479.	2.4	43
144	Effect of Additives on Crystal Growth and Nucleation of Amorphous Flutamide. Crystal Growth and Design, 2012, 12, 3221-3230.	1.4	43

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145	Nonlinear Optical Imaging for Sensitive Detection of Crystals in Bulk Amorphous Powders. Journal of Pharmaceutical Sciences, 2012, 101, 4201-4213.	1.6	43
146	Interplay of Degradation, Dissolution and Stabilization of Clarithromycin and Its Amorphous Solid Dispersions. Molecular Pharmaceutics, 2013, 10, 4640-4653.	2.3	43
147	Compromised in vitro dissolution and membrane transport of multidrug amorphous formulations. Journal of Controlled Release, 2016, 229, 172-182.	4.8	43
148	Amorphous solid dispersions containing residual crystallinity: Influence of seed properties and polymer adsorption on dissolution performance. European Journal of Pharmaceutical Sciences, 2020, 146, 105276.	1.9	43
149	Interaction of Environmental Moisture with Powdered Green Tea Formulations: Effect on Catechin Chemical Stability. Journal of Agricultural and Food Chemistry, 2008, 56, 4068-4077.	2.4	42
150	Effect of Substrates on Naproxen-Polyvinylpyrrolidone Solid Dispersions Formed via the Drop Printing Technique. Journal of Pharmaceutical Sciences, 2013, 102, 638-648.	1.6	41
151	Characterization of Supersaturated Danazol Solutions â€“ Impact of Polymers on Solution Properties and Phase Transitions. Pharmaceutical Research, 2016, 33, 1276-1288.	1.7	41
152	Analytical approaches to investigate salt disproportionation in tablet matrices by Raman spectroscopy and Raman mapping. Journal of Pharmaceutical and Biomedical Analysis, 2016, 118, 328-337.	1.4	41
153	Surface area normalized dissolution to study differences in itraconazole-copovidone solid dispersions prepared by spray-drying and hot melt extrusion. International Journal of Pharmaceutics, 2018, 540, 106-119.	2.6	41
154	Balancing Solid-State Stability and Dissolution Performance of Lumefantrine Amorphous Solid Dispersions: The Role of Polymer Choice and Drugâ€“Polymer Interactions. Molecular Pharmaceutics, 2022, 19, 392-413.	2.3	41
155	Role of Deliquescence Lowering in Enhancing Chemical Reactivity in Physical Mixtures. Journal of Physical Chemistry B, 2006, 110, 10190-10196.	1.2	40
156	Influence of Simultaneous Variations in Temperature and Relative Humidity on Chemical Stability of Two Vitamin C Forms and Implications for Shelf Life Models. Journal of Agricultural and Food Chemistry, 2010, 58, 3532-3540.	2.4	40
157	Dissolution performance of binary amorphous drug combinationsâ€”Impact of a second drug on the maximum achievable supersaturation. International Journal of Pharmaceutics, 2015, 496, 282-290.	2.6	40
158	Using Environment-Sensitive Fluorescent Probes to Characterize Liquid-Liquid Phase Separation in Supersaturated Solutions of Poorly Water Soluble Compounds. Pharmaceutical Research, 2015, 32, 3660-3673.	1.7	40
159	Interplay of Supersaturation and Solubilization: Lack of Correlation between Concentration-Based Supersaturation Measurements and Membrane Transport Rates in Simulated and Aspirated Human Fluids. Molecular Pharmaceutics, 2019, 16, 5042-5053.	2.3	40
160	Infrared imaging of laser-induced heating during Raman spectroscopy of pharmaceutical solids. Journal of Pharmaceutical and Biomedical Analysis, 2002, 30, 1223-1231.	1.4	38
161	Water dynamics in channel hydrates investigated using H/D exchange. International Journal of Pharmaceutics, 2002, 241, 253-261.	2.6	38
162	On-Line Content Uniformity Determination of Tablets Using Low-Resolution Raman Spectroscopy. Applied Spectroscopy, 2006, 60, 672-681.	1.2	38

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163	Modification of Crystallization Behavior in Drug/Polyethylene Glycol Solid Dispersions. Molecular Pharmaceutics, 2012, 9, 546-553.	2.3	38
164	Analysis of counterfeit CialisÂ® tablets using Raman microscopy and multivariate curve resolution. Journal of Pharmaceutical and Biomedical Analysis, 2012, 66, 126-135.	1.4	38
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