Lynne S Taylor

List of Publications by Year in Descending Order

349 papers	16,456 citations	66 h-index	110 g-index
482 ext. papers	18,591 ext. citations	5.7 avg, IF	7.3 L-index

#	Paper	IF	Citations
349	Impact of Surfactants on the Performance of Clopidogrel-Copovidone Amorphous Solid Dispersions: Increased Drug Loading and Stabilization of Nanodroplets.. *Pharmaceutical Research*, **2022**, 1	4.5	2
348	Development of hot-melt extruded drug/polymer matrices for sustained delivery of meloxicam.. *Journal of Controlled Release*, **2022**, 342, 189-200	11.7	0
347	Role of Surfactants on Release Performance of Amorphous Solid Dispersions of Ritonavir and Copovidone.. *Pharmaceutical Research*, **2022**, 39, 381	4.5	1
346	Phase separation in surfactant-containing amorphous solid dispersions: orthogonal analytical methods to probe the effects of surfactants on morphology and phase composition.. *International Journal of Pharmaceutics*, **2022**, 121708	6.5	4
345	Phase Behavior and Crystallization Kinetics of a Poorly Water-Soluble Weakly Basic Drug as a Function of Supersaturation and Media Composition.. *Molecular Pharmaceutics*, **2022**, 19, 1146-1159	5.6	1
344	Optimization of Amorphization Kinetics during Hot Melt Extrusion by Particle Engineering: An Experimental and Computational Study. *Crystal Growth and Design*, **2022**, 22, 821-841	3.5	2
343	Impact of Polymer Type on Thermal Degradation of Amorphous Solid Dispersions Containing Ritonavir.. *Molecular Pharmaceutics*, **2022**, 19, 332-344	5.6	0
342	Surface nanocoating of high drug-loading spray-dried amorphous solid dispersions by atomic layer coating: Excellent physical stability under accelerated storage conditions for two years.. *International Journal of Pharmaceutics*, **2022**, 121747	6.5	2
341	Designing synergistic crystallization inhibitors: Bile salt derivatives of cellulose with enhanced hydrophilicity. *Carbohydrate Polymers*, **2022**, 119680	10.3	
340	Improved Dissolution of an Enteric Polymer and its Amorphous Solid Dispersions by Polymer Salt Formation. *International Journal of Pharmaceutics*, **2022**, 121886	6.5	2
339	Physical Stability and Dissolution of Lumefantrine Amorphous Solid Dispersions Produced by Spray Anti-Solvent Precipitation. *Journal of Pharmaceutical Sciences*, **2021**, 110, 2423-2431	3.9	11
338	Crystallization Kinetics in Fasted-State Simulated and Aspirated Human Intestinal Fluids. *Crystal Growth and Design*, **2021**, 21, 2807-2820	3.5	2
337	Amorphous Solid Dispersions Containing Residual Crystallinity: Competition Between Dissolution and Matrix Crystallization. *AAPS Journal*, **2021**, 23, 69	3.7	6
336	Exploring the Role of Surfactants in Enhancing Drug Release from Amorphous Solid Dispersions at Higher Drug Loadings. *Pharmaceutics*, **2021**, 13,	6.4	6
335	Understanding the Impact of Protein-Excipient Interactions on Physical Stability of Spray-Dried Protein Solids. *Molecular Pharmaceutics*, **2021**, 18, 2657-2668	5.6	2
334	Impact of Drug-Polymer Intermolecular Interactions on Dissolution Performance of Copovidone-Based Amorphous Solid Dispersions. *Molecular Pharmaceutics*, **2021**, 18, 3496-3508	5.6	2
333	Effects of polyphenols on crystallization of amorphous sucrose lyophiles. *Food Chemistry*, **2021**, 338, 128061	8.5	1

332	In‐Vitro Biopredictive Methods: A Workshop Summary Report. *Journal of Pharmaceutical Sciences*, **2021**, 110, 567-583	3.9	8
331	Effects of drying method and excipient on the structure and physical stability of protein solids: Freeze drying vs. spray freeze drying. *International Journal of Pharmaceutics*, **2021**, 594, 120169	6.5	15
330	Partitioning of surfactant into drug-rich nanodroplets and its impact on drug thermodynamic activity and droplet size. *Journal of Controlled Release*, **2021**, 330, 229-243	11.7	14
329	Chemical stability and reaction kinetics of thiamine mononitrate in the aqueous phase of bread dough. *Food Research International*, **2021**, 140, 110084	7	3
328	Interaction of Polymers with Enzalutamide Nanodroplets-Impact on Droplet Properties and Induction Times. *Molecular Pharmaceutics*, **2021**, 18, 836-849	5.6	4
327	Effect of Polymer Species on Maximum Aqueous Phase Supersaturation Revealed by Quantitative Nuclear Magnetic Resonance Spectroscopy. *Molecular Pharmaceutics*, **2021**, 18, 1344-1355	5.6	5
326	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	5.6	13
325	A Mechanistic Study of Drug Mass Transport from Supersaturated Solutions Across PAMPA Membranes. *Journal of Pharmaceutical Sciences*, **2021**,	3.9	3
324	Fluorescence-Detected Mid-Infrared Photothermal Microscopy. *Journal of the American Chemical Society*, **2021**, 143, 10809-10815	16.4	8
323	Pharmaceutical amorphous solid dispersion: A review of manufacturing strategies. *Acta Pharmaceutica Sinica B*, **2021**, 11, 2505-2536	15.5	31
322	Effect of Excipients on Salt Disproportionation during Dissolution: A Novel Application of In Situ Raman Imaging. *Molecular Pharmaceutics*, **2021**, 18, 3247-3259	5.6	1
321	Effect of pH and concentration on the chemical stability and reaction kinetics of thiamine mononitrate and thiamine chloride hydrochloride in solution. *BMC Chemistry*, **2021**, 15, 47	3.7	1
320	Balancing Solid-State Stability and Dissolution Performance of Lumefantrine Amorphous Solid Dispersions: The Role of Polymer Choice and Drug-Polymer Interactions. *Molecular Pharmaceutics*, **2021**,	5.6	7
319	Polymer effects on crystallization at the amorphous atazanavir-water interface. *Journal of Crystal Growth*, **2021**, 571, 126254	1.6	1
318	Impact of Hypromellose Acetate Succinate Grade on Drug Amorphous Solubility and In‐Vitro Membrane Transport. *Journal of Pharmaceutical Sciences*, **2020**, 109, 2464-2473	3.9	16
317	The role of surface energy heterogeneity on crystal morphology during solid-state crystallization at the amorphous atazanavir‐water interface. *CrystEngComm*, **2020**, 22, 3179-3187	3.3	2
316	Impact of phospholipid digests and bile acid pool variations on the crystallization of atazanavir from supersaturated solutions. *European Journal of Pharmaceutics and Biopharmaceutics*, **2020**, 153, 68-83	5.7	5
315	Confronting Racism in Chemistry Journals. *ACS Applied Nano Materials*, **2020**, 3, 6131-6133	5.6	

314	Confronting Racism in Chemistry Journals. *ACS Applied Polymer Materials*, **2020**, 2, 2496-2498	4.3	
313	Confronting Racism in Chemistry Journals. *Organometallics*, **2020**, 39, 2331-2333	3.8	
312	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	5.6	38
311	Evidence for Halogen Bonding in Amorphous Solid Dispersions. *Crystal Growth and Design*, **2020**, 20, 3224-3235	3.5	9
310	Inhalable Nanocomposite Microparticles with Enhanced Dissolution and Superior Aerosol Performance. *Molecular Pharmaceutics*, **2020**, 17, 3270-3280	5.6	9
309	Comparison of Drug Release and Adsorption under Supersaturating Conditions for Ordered Mesoporous Silica with Indomethacin or Indomethacin Methyl Ester. *Molecular Pharmaceutics*, **2020**, 17, 3062-3074	5.6	4
308	Update to Our Reader, Reviewer, and Author Communities April 2020. *Energy & Fuels*, **2020**, 34, 5107-5108	4.1	
307	Polymer Type Impacts Amorphous Solubility and Drug-Rich Phase Colloidal Stability: A Mechanistic Study Using Nuclear Magnetic Resonance Spectroscopy. *Molecular Pharmaceutics*, **2020**, 17, 1352-1362	5.6	19
306	Amorphous solid dispersions containing residual crystallinity: Influence of seed properties and polymer adsorption on dissolution performance. *European Journal of Pharmaceutical Sciences*, **2020**, 146, 105276	5.1	24
305	Update to Our Reader, Reviewer, and Author Communities April 2020. *Organometallics*, **2020**, 39, 1665-1666	3.8	
304	Confronting Racism in Chemistry Journals. *Journal of Chemical Health and Safety*, **2020**, 27, 198-200	1.7	
303	Stochastic Differential Scanning Calorimetry by Nonlinear Optical Microscopy. *Analytical Chemistry*, **2020**, 92, 1171-1178	7.8	7
302	Absorptive Dissolution Testing: An Improved Approach to Study the Impact of Residual Crystallinity on the Performance of Amorphous Formulations. *Journal of Pharmaceutical Sciences*, **2020**, 109, 1312-1323	3.9	8
301	Impact of Monomeric versus Micellar Surfactant and Surfactant Polymer Interactions on Nucleation Induction Times of Atazanavir from Supersaturated Solutions. *Crystal Growth and Design*, **2020**, 20, 62-72	3.5	8
300	Application and limitations of thermogravimetric analysis to delineate the hot melt extrusion chemical stability processing window. *International Journal of Pharmaceutics*, **2020**, 590, 119916	6.5	10
299	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	5.1	19
298	Interplay of Adsorption, Supersaturation and the Presence of an Absorptive Sink on Drug Release from Mesoporous Silica-Based Formulations. *Pharmaceutical Research*, **2020**, 37, 163	4.5	4
297	Physical stability and release properties of lumefantrine amorphous solid dispersion granules prepared by a simple solvent evaporation approach. *International Journal of Pharmaceutics: X*, **2020**, 2, 100052	3.2	13

296	Influence of Drug-Silica Electrostatic Interactions on Drug Release from Mesoporous Silica-Based Oral Delivery Systems. *Molecular Pharmaceutics*, **2020**, 17, 3435-3446	5.6	5
295	Amorphous solid dispersions of enzalutamide and novel polysaccharide derivatives: investigation of relationships between polymer structure and performance. *Scientific Reports*, **2020**, 10, 18535	4.9	13
294	Water-Induced Phase Separation of Spray-Dried Amorphous Solid Dispersions. *Molecular Pharmaceutics*, **2020**, 17, 4004-4017	5.6	15
293	Amorphization of Thiamine Chloride Hydrochloride: Effects of Physical State and Polymer Type on the Chemical Stability of Thiamine in Solid Dispersions. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	6
292	Amorphization of Thiamine Mononitrate: A Study of Crystallization Inhibition and Chemical Stability of Thiamine in Thiamine Mononitrate Amorphous Solid Dispersions. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1
291	Effects of emulsifiers on the moisture sorption and crystallization of amorphous sucrose lyophiles. *Food Chemistry: X*, **2019**, 3, 100050	4.7	2
290	Insights into the Dissolution Mechanism of Ritonavir-Copovidone Amorphous Solid Dispersions: Importance of Congruent Release for Enhanced Performance. *Molecular Pharmaceutics*, **2019**, 16, 1327-1339	5.6	56
289	Congruent release of drug and polymer: A "sweet spot" in the dissolution of amorphous solid dispersions. *Journal of Controlled Release*, **2019**, 298, 68-82	11.7	56
288	Conjugation of bile esters to cellulose by olefin cross-metathesis: A strategy for accessing complex polysaccharide structures. *Carbohydrate Polymers*, **2019**, 221, 37-47	10.3	7
287	Dissolution of Indomethacin Crystals into a Polymer Melt: Role of Diffusion and Fragmentation. *Crystal Growth and Design*, **2019**, 19, 3315-3328	3.5	12
286	Microstructure Formation for Improved Dissolution Performance of Lopinavir Amorphous Solid Dispersions. *Molecular Pharmaceutics*, **2019**, 16, 1751-1765	5.6	13
285	Assessing the Impact of Endogenously Derived Crystalline Drug on the in Vivo Performance of Amorphous Formulations. *Molecular Pharmaceutics*, **2019**, 16, 3617-3625	5.6	14
284	Application of an adsorption isotherm to explain incomplete drug release from ordered mesoporous silica materials under supersaturating conditions. *Journal of Controlled Release*, **2019**, 307, 186-199	11.7	13
283	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	5.6	22
282	Insights into the Dissolution Behavior of Ledipasvir-Copovidone Amorphous Solid Dispersions: Role of Drug Loading and Intermolecular Interactions. *Molecular Pharmaceutics*, **2019**, 16, 5054-5067	5.6	29
281	The Effect of Promiscuous Aggregation on in Vitro Drug Metabolism Assays. *Pharmaceutical Research*, **2019**, 36, 170	4.5	1
280	Characterization of Phase Transformations for Amorphous Solid Dispersions of a Weakly Basic Drug upon Dissolution in Biorelevant Media. *Pharmaceutical Research*, **2019**, 36, 174	4.5	15
279	Amorphous solid dispersion formation via solvent granulation - A case study with ritonavir and lopinavir. *International Journal of Pharmaceutics: X*, **2019**, 1, 100035	3.2	10

278	Surface Composition and Formulation Heterogeneity of Protein Solids Produced by Spray Drying. *Pharmaceutical Research*, **2019**, 37, 14	4.5	6
277	Optimizing the Quality of Food Powder Products: The Challenges of Moisture-Mediated Phase Transformations. *Annual Review of Food Science and Technology*, **2019**, 10, 457-478	14.7	2
276	Insight into Amorphous Solid Dispersion Performance by Coupled Dissolution and Membrane Mass Transfer Measurements. *Molecular Pharmaceutics*, **2019**, 16, 448-461	5.6	24
275	Evaluation of Pazopanib Phase Behavior Following pH-Induced Supersaturation. *Molecular Pharmaceutics*, **2018**, 15, 1690-1699	5.6	13
274	Influence of Polymer and Drug Loading on the Release Profile and Membrane Transport of Telaprevir. *Molecular Pharmaceutics*, **2018**, 15, 1700-1713	5.6	40
273	Qualitative and Quantitative Characterization of Composition Heterogeneity on the Surface of Spray Dried Amorphous Solid Dispersion Particles by an Advanced Surface Analysis Platform with High Surface Sensitivity and Superior Spatial Resolution. *Molecular Pharmaceutics*, **2018**, 15, 2045-2053	5.6	18
272	Tailoring supersaturation from amorphous solid dispersions. *Journal of Controlled Release*, **2018**, 279, 114-125	11.7	63
271	Paclitaxel Crystal Seeds with Different Intrinsic Properties and Their Impact on Dissolution of Paclitaxel-HPMCAS Amorphous Solid Dispersions. *Crystal Growth and Design*, **2018**, 18, 1548-1559	3.5	26
270	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	6.5	30
269	A novel approach for measuring room temperature enthalpy of mixing and associated solubility estimation of a drug in a polymer matrix. *Polymer*, **2018**, 135, 50-60	3.9	8
268	Investigating the Impact of Drug Crystallinity in Amorphous Tacrolimus Capsules on Pharmacokinetics and Bioequivalence Using Discriminatory In Vitro Dissolution Testing and Physiologically Based Pharmacokinetic Modeling and Simulation. *Journal of Pharmaceutical Sciences* , **2018**, 107, 1330-1341	3.9	38
267	Mechanistic understanding of the phase behavior of supersaturated solutions of poorly water-soluble drugs. *International Journal of Pharmaceutics*, **2018**, 543, 29-37	6.5	13
266	Rifampin Stability and Solution Concentration Enhancement Through Amorphous Solid Dispersion in Cellulose Carboxyalkanoate Matrices. *Journal of Pharmaceutical Sciences*, **2018**, 107, 127-138	3.9	18
265	Gaining Thermodynamic Insight From Distinct Glass Formation Kinetics of Structurally Similar Organic Compounds. *Journal of Pharmaceutical Sciences*, **2018**, 107, 192-202	3.9	5
264	Chemical stability and reaction kinetics of two thiamine salts (thiamine mononitrate and thiamine chloride hydrochloride) in solution. *Food Research International*, **2018**, 112, 443-456	7	16
263	Supersaturation Potential of Ordered Mesoporous Silica Delivery Systems. Part 1: Dissolution Performance and Drug Membrane Transport Rates. *Molecular Pharmaceutics*, **2018**, 15, 3489-3501	5.6	21
262	Selective synthesis of curdlan carboxyamides by Staudinger ylide nucleophilic ring-opening. *Carbohydrate Polymers*, **2018**, 190, 222-231	10.3	5
261	Pharmaceutical Applications of Cellulose Ethers and Cellulose Ether Esters. *Biomacromolecules*, **2018**, 19, 2351-2376	6.9	102

260	Phase Behavior of Drug-Hydroxypropyl Methylcellulose Amorphous Solid Dispersions Produced from Various Solvent Systems: Mechanistic Understanding of the Role of Polymer using Experimental and Theoretical Methods. *Molecular Pharmaceutics*, **2018**, 15, 3236-3251	5.6	13
259	Monitoring the Phase Behavior of Supersaturated Solutions of Poorly Water-Soluble Drugs Using Fluorescence Techniques. *Journal of Pharmaceutical Sciences*, **2018**, 107, 94-102	3.9	13
258	Variation in Supersaturation and Phase Behavior of Ezetimibe Amorphous Solid Dispersions upon Dissolution in Different Biorelevant Media. *Molecular Pharmaceutics*, **2018**, 15, 193-206	5.6	14
257	Impact of Solid-State Form on the Disproportionation of Miconazole Mesylate. *Molecular Pharmaceutics*, **2018**, 15, 40-52	5.6	5
256	Cellulose-based amorphous solid dispersions enhance rifapentine delivery characteristics in vitro. *Carbohydrate Polymers*, **2018**, 182, 149-158	10.3	12
255	Impact of Additives on Heterogeneous Crystallization of Acetaminophen. *International Journal of Chemical Engineering*, **2018**, 2018, 1-7	2.2	1
254	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	11.7	77
253	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	6.5	41
252	Nanometer-Scale Residual Crystals in a Hot Melt Extruded Amorphous Solid Dispersion: Characterization by Transmission Electron Microscopy. *Crystal Growth and Design*, **2018**, 18, 7633-7640	3.5	13
251	Crystallization Inhibition Properties of Cellulose Esters and Ethers for a Group of Chemically Diverse Drugs: Experimental and Computational Insight. *Biomacromolecules*, **2018**, 19, 4593-4606	6.9	14
250	Effects of Mono-, Di-, and Tri-Saccharides on the Stability and Crystallization of Amorphous Sucrose. *Journal of Food Science*, **2018**, 83, 2827-2839	3.4	7
249	Assessing the Risk of Salt Disproportionation Using Crystal Structure and Surface Topography Analysis. *Crystal Growth and Design*, **2018**, 18, 7027-7040	3.5	3
248	Effect of excipient properties, water activity, and water content on the disproportionation of a pharmaceutical salt. *International Journal of Pharmaceutics*, **2018**, 546, 226-234	6.5	13
247	Crystallization from Supersaturated Solutions: Role of Lecithin and Composite Simulated Intestinal Fluid. *Pharmaceutical Research*, **2018**, 35, 158	4.5	20
246	Impact of Endogenous Bile Salts on the Thermodynamics of Supersaturated Active Pharmaceutical Ingredient Solutions. *Crystal Growth and Design*, **2017**, 17, 1264-1275	3.5	23
245	Understanding the Impact of Water on the Miscibility and Microstructure of Amorphous Solid Dispersions: An AFM-LCR and TEM-EDX Study. *Molecular Pharmaceutics*, **2017**, 14, 1691-1705	5.6	32
244	Tandem modification of amphiphilic cellulose ethers for amorphous solid dispersion via olefin cross-metathesis and thiol-Michael addition. *Polymer Chemistry*, **2017**, 8, 3129-3139	4.9	19
243	Origin of Nanodroplet Formation Upon Dissolution of an Amorphous Solid Dispersion: A Mechanistic Isotope Scrambling Study. *Journal of Pharmaceutical Sciences*, **2017**, 106, 1998-2008	3.9	36

242	Impact of Bile Salts on Solution Crystal Growth Rate and Residual Supersaturation of an Active Pharmaceutical Ingredient. *Crystal Growth and Design*, **2017**, 17, 3528-3537	3.5	19
241	Impact of Supramolecular Aggregation on the Crystallization Kinetics of Organic Compounds from the Supercooled Liquid State. *Molecular Pharmaceutics*, **2017**, 14, 2126-2137	5.6	6
240	Moisture-Mediated Interactions Between Amorphous Maltodextrins and Crystalline Fructose. *Journal of Food Science*, **2017**, 82, 1142-1156	3.4	8
239	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	4.5	35
238	Synthesis and characterization of alkyl cellulose carboxyesters for amorphous solid dispersion. *Cellulose*, **2017**, 24, 609-625	5.5	6
237	Amorphization of thiamine chloride hydrochloride: A study of the crystallization inhibitor properties of different polymers in thiamine chloride hydrochloride amorphous solid dispersions. *Food Research International*, **2017**, 99, 363-374	7	7
236	Dropwise additive manufacturing of pharmaceutical products for amorphous and self emulsifying drug delivery systems. *International Journal of Pharmaceutics*, **2017**, 524, 424-432	6.5	24
235	Maintaining Supersaturation of Active Pharmaceutical Ingredient Solutions with Biologically Relevant Bile Salts. *Crystal Growth and Design*, **2017**, 17, 2782-2791	3.5	23
234	Impact of Micellar Surfactant on Supersaturation and Insight into Solubilization Mechanisms in Supersaturated Solutions of Atazanavir. *Pharmaceutical Research*, **2017**, 34, 1276-1295	4.5	44
233	Crystalline solid dispersion-a strategy to slowdown salt disproportionation in solid state formulations during storage and wet granulation. *International Journal of Pharmaceutics*, **2017**, 517, 203-215	6.5	16
232	Absorptive Dissolution Testing of Supersaturating Systems: Impact of Absorptive Sink Conditions on Solution Phase Behavior and Mass Transport. *Molecular Pharmaceutics*, **2017**, 14, 4052-4063	5.6	26
231	Phase Behavior of Ritonavir Amorphous Solid Dispersions during Hydration and Dissolution. *Pharmaceutical Research*, **2017**, 34, 2842-2861	4.5	54
230	Insights into Water-Induced Phase Separation in Itraconazole-Hydroxypropylmethyl Cellulose Spin Coated and Spray Dried Dispersions. *Molecular Pharmaceutics*, **2017**, 14, 4387-4402	5.6	21
229	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	6.5	37
228	Second harmonic generation microscopy as a tool for the early detection of crystallization in spray dried dispersions. *Journal of Pharmaceutical and Biomedical Analysis*, **2017**, 146, 86-95	3.5	14
227	A Comparative Study on the Performance of Inert and Functionalized Spheres Coated with Solid Dispersions Made of Two Structurally Related Antifungal Drugs. *Molecular Pharmaceutics*, **2017**, 14, 3718-3728	5.6	7
226	Multidrug, Anti-HIV Amorphous Solid Dispersions: Nature and Mechanisms of Impacts of Drugs on Each Other's Solution Concentrations. *Molecular Pharmaceutics*, **2017**, 14, 3617-3627	5.6	20
225	Water-induced phase separation of miconazole-poly (vinylpyrrolidone-co-vinyl acetate) amorphous solid dispersions: Insights with confocal fluorescence microscopy. *International Journal of Pharmaceutics*, **2017**, 529, 654-666	6.5	28

224	Compositional effect of complex biorelevant media on the crystallization kinetics of an active pharmaceutical ingredient. *CrystEngComm*, **2017**, 19, 4797-4806	3.3	13
223	Effects of Chloride and Sulfate Salts on the Inhibition or Promotion of Sucrose Crystallization in Initially Amorphous Sucrose-Salt Blends. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 11259-11272	3.7	5
222	Impact of Polymers on the Melt Crystal Growth Rate of Indomethacin Polymorphs. *Crystal Growth and Design*, **2017**, 17, 6467-6476	3.5	19
221	Evaluation of the Crystallization Tendency of Commercially Available Amorphous Tacrolimus Formulations Exposed to Different Stress Conditions. *Pharmaceutical Research*, **2017**, 34, 2142-2155	4.5	22
220	Professor Peter York-A Distinguished Career in Powders, Processing, and Particle Design. *Journal of Pharmaceutical Sciences*, **2017**, 106, 2-4	3.9	
219	Acceleration of the crystal growth rate of low molecular weight organic compounds in supercooled liquids in the presence of polyhydroxybutyrate. *CrystEngComm*, **2017**, 19, 80-87	3.3	9
218	Non-Sink Dissolution Behavior and Solubility Limit of Commercial Tacrolimus Amorphous Formulations. *Journal of Pharmaceutical Sciences*, **2017**, 106, 264-272	3.9	19
217	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	3.9	42
216	Novel cellulose-based amorphous solid dispersions enhance quercetin solution concentrations in vitro. *Carbohydrate Polymers*, **2017**, 157, 86-93	10.3	28
215	Heat transport model for the deliquescence kinetics of crystalline ingredients and mixtures. *Journal of Food Engineering*, **2016**, 169, 298-308	6	3
214	Common-ion effects on the deliquescence lowering of crystalline ingredient blends. *Food Chemistry* , **2016**, 195, 2-10	8.5	17
213	Vemurafenib: A Tetramorphic System Displaying Concomitant Crystallization from the Supercooled Liquid. *Crystal Growth and Design*, **2016**, 16, 6033-6042	3.5	11
212	Impact of Metallic Stearates on Disproportionation of Hydrochloride Salts of Weak Bases in Solid-State Formulations. *Molecular Pharmaceutics*, **2016**, 13, 3541-3552	5.6	22
211	Amphiphilic hydroxyalkyl cellulose derivatives for amorphous solid dispersion prepared by olefin cross-metathesis. *Polymer Chemistry*, **2016**, 7, 4953-4963	4.9	25
210	A Comparison of the Crystallization Inhibition Properties of Bile Salts. *Crystal Growth and Design*, **2016**, 16, 7286-7300	3.5	37
209	Amphiphilic Cellulose Ethers Designed for Amorphous Solid Dispersion via Olefin Cross-Metathesis. *Biomacromolecules*, **2016**, 17, 454-65	6.9	22
208	Supersaturation Potential of Salt, Co-Crystal, and Amorphous Forms of a Model Weak Base. *Crystal Growth and Design*, **2016**, 16, 737-748	3.5	48
207	Improved Release of Celecoxib from High Drug Loading Amorphous Solid Dispersions Formulated with Polyacrylic Acid and Cellulose Derivatives. *Molecular Pharmaceutics*, **2016**, 13, 873-84	5.6	37

206	Compromised in vitro dissolution and membrane transport of multidrug amorphous formulations. *Journal of Controlled Release*, **2016**, 229, 172-182	11.7	33
205	Physical chemistry of supersaturated solutions and implications for oral absorption. *Advanced Drug Delivery Reviews*, **2016**, 101, 122-142	18.5	200
204	Polymer Inhibition of Crystal Growth by Surface Poisoning. *Crystal Growth and Design*, **2016**, 16, 2094-2103	3.9	37
203	Nanoscale Infrared, Thermal, and Mechanical Characterization of Telaprevir-Polymer Miscibility in Amorphous Solid Dispersions Prepared by Solvent Evaporation. *Molecular Pharmaceutics*, **2016**, 13, 1123-36	5.6	61
202	Characterization of Supersaturated Danazol Solutions - Impact of Polymers on Solution Properties and Phase Transitions. *Pharmaceutical Research*, **2016**, 33, 1276-88	4.5	35
201	Dissolution of Danazol Amorphous Solid Dispersions: Supersaturation and Phase Behavior as a Function of Drug Loading and Polymer Type. *Molecular Pharmaceutics*, **2016**, 13, 223-31	5.6	87
200	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	3.5	34
199	Dissolution Performance of High Drug Loading Celecoxib Amorphous Solid Dispersions Formulated with Polymer Combinations. *Pharmaceutical Research*, **2016**, 33, 739-50	4.5	79
198	Leaching of Lopinavir Amorphous Solid Dispersions in Acidic Media. *Pharmaceutical Research*, **2016**, 33, 1723-35	4.5	9
197	Understanding Crystal Growth Kinetics in the Absence and Presence of a Polymer Using a Rotating Disk Apparatus. *Crystal Growth and Design*, **2016**, 16, 2640-2645	3.5	12
196	Exploiting the Phenomenon of Liquid-Liquid Phase Separation for Enhanced and Sustained Membrane Transport of a Poorly Water-Soluble Drug. *Molecular Pharmaceutics*, **2016**, 13, 2059-69	5.6	93
195	Non-Sink Dissolution Conditions for Predicting Product Quality and In Vivo Performance of Supersaturating Drug Delivery Systems. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2477-2488	3.9	69
194	Solid-State Spectroscopic Investigation of Molecular Interactions between Clofazimine and Hypromellose Phthalate in Amorphous Solid Dispersions. *Molecular Pharmaceutics*, **2016**, 13, 3964-3975	5.6	54
193	Investigating the Correlation between Miscibility and Physical Stability of Amorphous Solid Dispersions Using Fluorescence-Based Techniques. *Molecular Pharmaceutics*, **2016**, 13, 3988-4000	5.6	41
192	Mechanistic Design of Chemically Diverse Polymers with Applications in Oral Drug Delivery. *Biomacromolecules*, **2016**, 17, 3659-3671	6.9	36
191	Chiral discrimination by a cellulose polymer: differential crystallization inhibition of enantiomers in amorphous dispersions. *CrystEngComm*, **2015**, 17, 5046-5053	3.3	2
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