List of Publications by Year in descending order

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LIDIA TAIRED

#	Article	IF	CITATIONS
1	Dry powders for oral inhalation free of lactose carrier particles. Advanced Drug Delivery Reviews, 2014, 75, 32-52.	13.7	172
2	The vaccine adjuvant alum inhibits <scp>IL</scp> â€12 by promoting <scp>PI</scp> 3 kinase signaling while chitosan does not inhibit <scp>IL</scp> â€12 and enhances <scp>T</scp> h1 and <scp>T</scp> h17 responses. European Journal of Immunology, 2012, 42, 2709-2719.	2.9	124
3	Comparative Study of Different Methods for the Prediction of Drug–Polymer Solubility. Molecular Pharmaceutics, 2015, 12, 3408-3419.	4.6	111
4	A Comparison of Spray Drying and Milling in the Production of Amorphous Dispersions of Sulfathiazole/Polyvinylpyrrolidone and Sulfadimidine/Polyvinylpyrrolidone. Molecular Pharmaceutics, 2011, 8, 532-542.	4.6	92
5	Particle engineering of materials for oral inhalation by dry powder inhalers. I—Particles of sugar excipients (trehalose and raffinose) for protein delivery. International Journal of Pharmaceutics, 2011, 405, 23-35.	5.2	84
6	Molecular Dynamics and Physical Stability of Coamorphous Ezetimib and Indapamide Mixtures. Molecular Pharmaceutics, 2015, 12, 3610-3619.	4.6	78
7	Excipient-free nanoporous microparticles of budesonide for pulmonary delivery. European Journal of Pharmaceutical Sciences, 2009, 37, 593-602.	4.0	72
8	Formation and Physicochemical Properties of Crystalline and Amorphous Salts with Different Stoichiometries Formed between Ciprofloxacin and Succinic Acid. Molecular Pharmaceutics, 2013, 10, 3640-3654.	4.6	72
9	Amorphous Solid Dispersions of Sulfonamide/Soluplus® and Sulfonamide/PVP Prepared by Ball Milling. AAPS PharmSciTech, 2013, 14, 464-474.	3.3	69
10	Physicochemical properties of tadalafil solid dispersions – Impact of polymer on the apparent solubility and dissolution rate of tadalafil. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 106-115.	4.3	67
11	The Role of Mucin in the Toxicological Impact of Polystyrene Nanoparticles. Materials, 2018, 11, 724.	2.9	65
12	Physicochemical evaluation of PVP–thiazide diuretic interactions in co-spray-dried composites—analysis of glass transition composition relationships. European Journal of Pharmaceutical Sciences, 2005, 24, 553-563.	4.0	64
13	Characterisation of excipient-free nanoporous microparticles (NPMPs) of bendroflumethiazide. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 1182-1186.	4.3	64
14	An intra-articular salmon calcitonin-based nanocomplex reduces experimental inflammatory arthritis. Journal of Controlled Release, 2013, 167, 120-129.	9.9	60
15	Optimisation of spray drying process conditions for sugar nanoporous microparticles (NPMPs) intended for inhalation. International Journal of Pharmaceutics, 2011, 421, 99-109.	5.2	57
16	Amorphous Polymeric Drug Salts as Ionic Solid Dispersion Forms of Ciprofloxacin. Molecular Pharmaceutics, 2017, 14, 2209-2223.	4.6	56
17	Pegylation Increases Platelet Biocompatibility of Gold Nanoparticles. Journal of Biomedical Nanotechnology, 2014, 10, 1004-1015.	1.1	55
18	The influence of amorphization methods on the apparent solubility and dissolution rate of tadalafil. European Journal of Pharmaceutical Sciences, 2014, 62, 132-140.	4.0	55

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19	Spray drying of budesonide, formoterol fumarate and their composites—II. Statistical factorial design and in vitro deposition properties. International Journal of Pharmaceutics, 2009, 367, 86-96.	5.2	54
20	Self-assembled carrageenan/protamine polyelectrolyte nanoplexes—Investigation of critical parameters governing their formation and characteristics. Carbohydrate Polymers, 2015, 123, 339-349.	10.2	51
21	Photoconductivity of synthetic dopa–melanin polymer. Journal of Photochemistry and Photobiology B: Biology, 2002, 66, 201-206.	3.8	50
22	Molecular Dynamics, Physical Stability and Solubility Advantage from Amorphous Indapamide Drug. Molecular Pharmaceutics, 2013, 10, 3612-3627.	4.6	49
23	Polymorphism in Sulfadimidine/4-Aminosalicylic Acid Cocrystals: Solid-State Characterization and Physicochemical Properties. Journal of Pharmaceutical Sciences, 2015, 104, 1385-1398.	3.3	49
24	Physical stability of solid dispersions with respect to thermodynamic solubility of tadalafil in PVP-VA. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 237-246.	4.3	47
25	Spray drying of budesonide, formoterol fumarate and their composites—I. Physicochemical characterisation. International Journal of Pharmaceutics, 2009, 367, 79-85.	5.2	46
26	Particle engineering of materials for oral inhalation by dry powder inhalers. II—Sodium cromoglicate. International Journal of Pharmaceutics, 2011, 405, 36-46.	5.2	41
27	Molecular Origin of Enhanced Proton Conductivity in Anhydrous Ionic Systems. Journal of the American Chemical Society, 2015, 137, 1157-1164.	13.7	41
28	Exploring the assembly process and properties of novel crosslinker-free hyaluronate-based polyelectrolyte complex nanocarriers. International Journal of Pharmaceutics, 2012, 436, 75-87.	5.2	40
29	Physicochemical properties of direct compression tablets with spray dried and ball milled solid dispersions of tadalafil in PVP-VA. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 109, 14-23.	4.3	38
30	Preparation and characterization of amorphous ciprofloxacin-amino acid salts. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 121, 73-89.	4.3	38
31	Molecular Dynamics and Physical Stability of Amorphous Nimesulide Drug and Its Binary Drug–Polymer Systems. Molecular Pharmaceutics, 2016, 13, 1937-1946.	4.6	37
32	Freeze drying of polyelectrolyte complex nanoparticles: Effect of nanoparticle composition and cryoprotectant selection. International Journal of Pharmaceutics, 2018, 552, 27-38.	5.2	37
33	Platelet compatibility of PLGA, chitosan and PLGA–chitosan nanoparticles. Nanomedicine, 2009, 4, 735-746.	3.3	36
34	Characterisation, solubility and intrinsic dissolution behaviour of benzamide: dibenzyl sulfoxide cocrystal. International Journal of Pharmaceutics, 2012, 422, 24-32.	5.2	36
35	Decoupling of conductivity relaxation from structural relaxation in protic ionic liquids and general properties. Physical Chemistry Chemical Physics, 2013, 15, 9205.	2.8	36
36	Formulation, stability and pharmacokinetics of sugar-based salmon calcitonin-loaded nanoporous/nanoparticulate microparticles (NPMPs) for inhalation. International Journal of Pharmaceutics, 2015, 483, 6-18.	5.2	36

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37	Self-Assembled Hyaluronate/Protamine Polyelectrolyte Nanoplexes: Synthesis, Stability, Biocompatibility and Potential Use as Peptide Carriers. Journal of Biomedical Nanotechnology, 2014, 10, 3658-3673.	1.1	34
38	Development and characterisation of soluble polymeric particles for pulmonary peptide delivery. European Journal of Pharmaceutical Sciences, 2010, 41, 337-352.	4.0	33
39	Solidâ€state characterization of novel active pharmaceutical ingredients: Cocrystal of a salbutamol hemiadipate salt with adipic acid (2:1:1) and salbutamol hemisuccinate salt. Journal of Pharmaceutical Sciences, 2011, 100, 3268-3283.	3.3	33
40	Heat induced evaporative antisolvent nanoprecipitation (HIEAN) of itraconazole. International Journal of Pharmaceutics, 2014, 471, 400-411.	5.2	32
41	Steroid/mucokinetic hybrid nanoporous microparticles for pulmonary drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 604-613.	4.3	29
42	Orientational Order and Dynamics of Nematic Multipodes Based on Carbosilazane Cores Using Optical and Dielectric Spectroscopy. Macromolecules, 2002, 35, 8601-8608.	4.8	27
43	Evaluation of HPβCD–PEG Microparticles for Salmon Calcitonin Administration via Pulmonary Delivery. Molecular Pharmaceutics, 2011, 8, 1887-1898.	4.6	27
44	Polymer/Amorphous Salt Solid Dispersions of Ciprofloxacin. Pharmaceutical Research, 2017, 34, 2425-2439.	3.5	27
45	Phase Diagrams of Polymer-Dispersed Liquid Crystal Systems of Itraconazole/Component Immiscibility Induced by Molecular Anisotropy. Molecular Pharmaceutics, 2018, 15, 5192-5206.	4.6	27
46	Co-Spray Dried Carbohydrate Microparticles: Crystallisation Delay/Inhibition and Improved Aerosolization Characteristics Through the Incorporation of Hydroxypropyl-β-cyclodextrin with Amorphous Raffinose or Trehalose. Pharmaceutical Research, 2015, 32, 180-195.	3.5	26
47	Investigation of the Capacity of Low Glass Transition Temperature Excipients to Minimize Amorphization of Sulfadimidine on Comilling. Molecular Pharmaceutics, 2013, 10, 386-396.	4.6	25
48	Formation, Physical Stability, and Quantification of Process-Induced Disorder in Cryomilled Samples of a Model Polymorphic Drug. Journal of Pharmaceutical Sciences, 2013, 102, 93-103.	3.3	25
49	Design of chondroitin sulfate-based polyelectrolyte nanoplexes: Formation of nanocarriers with chitosan and a case study of salmon calcitonin. Carbohydrate Polymers, 2017, 156, 276-284.	10.2	23
50	Physicochemical Characterization of a Co-Amorphous Atorvastatin-Irbesartan System with a Potential Application in Fixed-Dose Combination Therapy. Pharmaceutics, 2021, 13, 118.	4.5	23
51	Preparation and solid state characterisation of chlorothiazide sodium intermolecular self-assembly suprastructure. European Journal of Pharmaceutical Sciences, 2010, 41, 603-611.	4.0	22
52	Nanostructured systems containing babassu (Orbignya speciosa) oil as a potential alternative therapy for benign prostatic hyperplasia. International Journal of Nanomedicine, 2013, 8, 3129.	6.7	22
53	Mesophase and size manipulation of itraconazole liquid crystalline nanoparticles produced via quasi nanoemulsion precipitation. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 96, 226-236.	4.3	22
54	Two Faces of Ciprofloxacin: Investigation of Proton Transfer in Solid State Transformations. Crystal Growth and Design, 2016, 16, 6574-6585.	3.0	22

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55	Intermolecular interactions between salmon calcitonin, hyaluronate, and chitosan and their impact on the process of formation and properties of peptide-loaded nanoparticles. International Journal of Pharmaceutics, 2014, 477, 102-112.	5.2	21
56	The effect of electrostatic interactions on the formation of pharmaceutical eutectics. Physical Chemistry Chemical Physics, 2018, 20, 27361-27367.	2.8	21
57	Spray drying from organic solvents to prepare nanoporous/nanoparticulate microparticles of protein: excipient composites designed for oral inhalation. Journal of Pharmacy and Pharmacology, 2012, 64, 1275-1290.	2.4	20
58	Chondroitin-based nanoplexes as peptide delivery systems – Investigations into the self-assembly process, solid-state and extended release characteristics. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 93, 242-253.	4.3	20
59	Biopharmaceutical Characterization of Ciprofloxacin HCl–Ferrous Sulfate Interaction. Journal of Pharmaceutical Sciences, 2011, 100, 5174-5184.	3.3	19
60	Crystal Habits of Itraconazole Microcrystals: Unusual Isomorphic Intergrowths Induced via Tuning Recrystallization Conditions. Molecular Pharmaceutics, 2015, 12, 3468-3478.	4.6	19
61	Impact of process variables on the micromeritic and physicochemical properties of spray-dried porous microparticles, part I: introduction of a new morphology classification system. Journal of Pharmacy and Pharmacology, 2012, 64, 1570-1582.	2.4	18
62	Modification of the Solid-State Nature of Sulfathiazole and Sulfathiazole Sodium by Spray Drying. AAPS PharmSciTech, 2012, 13, 647-660.	3.3	18
63	Reducing mechanical activation-induced amorphisation of salbutamol sulphate by co-processing with selected carboxylic acids. International Journal of Pharmaceutics, 2013, 456, 508-516.	5.2	18
64	Identification and Pharmaceutical Characterization of a New Itraconazole Terephthalic Acid Cocrystal. Pharmaceutics, 2020, 12, 741.	4.5	18
65	An Enteric-Coated Polyelectrolyte Nanocomplex Delivers Insulin in Rat Intestinal Instillations When Combined with a Permeation Enhancer. Pharmaceutics, 2020, 12, 259.	4.5	18
66	Anticrystal Engineering of Ketoprofen and Ester Local Anesthetics: Ionic Liquids or Deep Eutectic Mixtures?. Pharmaceutics, 2020, 12, 368.	4.5	18
67	Comparison of particle size methodology and assessment of nanoparticle tracking analysis (NTA) as a tool for live monitoring of crystallisation pathways. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 314-326.	4.3	17
68	Preparation and characterisation of novel spray-dried nano-structured <i>para</i> -aminosalicylic acid particulates for pulmonary delivery: impact of ammonium carbonate on morphology, chemical composition and solid state. Journal of Pharmacy and Pharmacology, 2012, 64, 1264-1274.	2.4	16
69	Bulk, surface properties and water uptake mechanisms of salt/acid amorphous composite systems. International Journal of Pharmaceutics, 2013, 456, 143-152.	5.2	16
70	Can Storage Time Improve the Physical Stability of Amorphous Pharmaceuticals with Tautomerization Ability Exposed to Compression? The Case of a Chloramphenicol Drug. Molecular Pharmaceutics, 2018, 15, 1928-1940.	4.6	15
71	Carbohydrate-based Trojan microparticles as carriers for pulmonary delivery of lipid nanocapsules using dry powder inhalation. Powder Technology, 2020, 364, 507-521.	4.2	15
72	Biopharmaceutical characterisation of ciprofloxacin-metallic ion interactions: Comparative study into the effect of aluminium, calcium, zinc and iron on drug solubility and dissolution. Acta Pharmaceutica, 2014, 64, 77-88.	2.0	13

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73	Preparation and characterisation of novel chlorothiazide potassium solid-state salt forms: Intermolecular self assembly suprastructures. European Journal of Pharmaceutical Sciences, 2011, 42, 220-229.	4.0	12
74	Intra-articular delivery of a nanocomplex comprising salmon calcitonin, hyaluronic acid, and chitosan using an equine model of joint inflammation. Drug Delivery and Translational Research, 2018, 8, 1421-1435.	5.8	12
75	Green Synthesis of Lidocaine Ionic Liquids and Salts: Mechanisms of Formation and Interactions in the Crystalline and Supercooled States. ACS Sustainable Chemistry and Engineering, 2020, 8, 18266-18276.	6.7	12
76	Mechanochemical activation with cyclodextrins followed by compaction as an effective approach to improving dissolution of rutin. International Journal of Pharmaceutics, 2020, 581, 119294.	5.2	12
77	Development and characterization of poly(lactic-co-glycolic) acid nanoparticles loaded with copaiba oleoresin. Pharmaceutical Development and Technology, 2018, 23, 343-350.	2.4	11
78	Impact of polyethylene glycol polymers on the physicochemical properties and mucoadhesivity of itraconazole nanoparticles. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 144, 57-67.	4.3	11
79	Fluoroquinolone Amorphous Polymeric Salts and Dispersions for Veterinary Uses. Pharmaceutics, 2019, 11, 268.	4.5	11
80	Impact of Alternative Solid State Forms and Specific Surface Area of High-Dose, Hydrophilic Active Pharmaceutical Ingredients on Tabletability. Molecular Pharmaceutics, 2013, 10, 3628-3639.	4.6	10
81	The control of paracetamol particle size and surface morphology through crystallisation in a spray dryer. Advanced Powder Technology, 2020, 31, 287-299.	4.1	10
82	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.	4.6	9
83	Density Scaling in Ionic Glass Formers Controlled by Grotthuss Conduction. Journal of Physical Chemistry B, 2019, 123, 1156-1160.	2.6	9
84	The impact of the degree of intimate mixing on the compaction properties of materials produced by crystallo-co-spray drying. European Journal of Pharmaceutical Sciences, 2020, 154, 105505.	4.0	9
85	A novel approach to crystallisation of nanodispersible microparticles by spray drying for improved tabletability. International Journal of Pharmaceutics, 2012, 436, 873-876.	5.2	8
86	Impact of Substrate Properties on the Formation of Spherulitic Films: A Case Study of Salbutamol Sulfate. Crystal Growth and Design, 2016, 16, 3853-3858.	3.0	8
87	In situ monitoring of nanoparticle formation: Antisolvent precipitation of azole anti-fungal drugs. International Journal of Pharmaceutics, 2018, 543, 201-213.	5.2	8
88	Molecular dynamics, viscoelastic properties and physical stability studies of a new amorphous dihydropyridine derivative with T-type calcium channel blocking activity. European Journal of Pharmaceutical Sciences, 2020, 141, 105083.	4.0	8
89	Enhancement of the Physical Stability of Amorphous Sildenafil in a Binary Mixture, with either a Plasticizing or Antiplasticizing Compound. Pharmaceutics, 2020, 12, 460.	4.5	8
90	Effect of electrostatic interactions on the relaxation dynamics of pharmaceutical eutectics. European Journal of Pharmaceutical Sciences, 2019, 134, 93-101.	4.0	6

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91	Formation of low melting point binary systems comprising ketoprofen and an amide local anaesthetic. International Journal of Pharmaceutics, 2021, 607, 120969.	5.2	6
92	Formation of stoichiometric and non-stoichiometric ionic liquid and cocrystal multicomponent phases of lidocaine with azelaic acid by changing counterion ratios. Journal of Molecular Liquids, 2021, 344, 117737.	4.9	6
93	Optimisation of the self-assembly process: production of stable, alginate-based polyelectrolyte nanocomplexes with protamine. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	5
94	Crystallo-co-spray drying as a new approach to manufacturing of drug/excipient agglomerates: Impact of processing on the properties of paracetamol and lactose mixtures. International Journal of Pharmaceutics, 2020, 577, 119051.	5.2	5
95	Medicine Maker: An Outreach Activity for Pharmaceutical Manufacturing and Health Literacy. Journal of Chemical Education, 2022, 99, 1231-1237.	2.3	5
96	Impact of process variables on the micromeritic and physicochemical properties of spray-dried microparticles – Part II. Physicochemical characterisation of spray-dried materials. Journal of Pharmacy and Pharmacology, 2012, 64, 1583-1591.	2.4	4
97	A Rare Case of Mesomorphic Behavior–Molecular Reorientation of Itraconazole Liquid Crystal Induced by a Hygrothermal Treatment. Crystal Growth and Design, 2016, 16, 1329-1336.	3.0	4
98	Isolation of Itraconazole Nanostructured Microparticles via Spray Drying with Rational Selection of Optimum Base for Successful Reconstitution and Compaction. AAPS PharmSciTech, 2019, 20, 217.	3.3	4
99	High-Pressure Dielectric Studies—a Way to Experimentally Determine the Solubility of a Drug in the Polymer Matrix at Low Temperatures. Molecular Pharmaceutics, 2021, 18, 3050-3062.	4.6	4
100	Characterisation and fundamental insight into the formation of new solid state, multicomponent systems of propranolol. International Journal of Pharmaceutics, 2021, 602, 120605.	5.2	3
101	Inhibition of celecoxib crystallization by mesoporous silica – Molecular dynamics studies leading to the discovery of the stabilization origin. European Journal of Pharmaceutical Sciences, 2022, 171, 106132.	4.0	3
102	Submerged Eutectic-Assisted, Solvent-Free Mechanochemical Formation of a Propranolol Salt and Its Other Multicomponent Solids. Pharmaceutics, 2021, 13, 2125.	4.5	3
103	Osmolality of Excipients for Parenteral Formulation Measured by Freezing Point Depression and Vapor Pressure – A Comparative Analysis. Pharmaceutical Research, 2023, 40, 1709-1722.	3.5	3
104	Nanoparticle Tracking Analysis to Examine the Temperature-Induced Aggregation of Proteins. Methods in Molecular Biology, 2019, 2039, 131-139.	0.9	2
105	Understanding the Thermodynamic Mechanisms Leading to the Binding of Albumin to Lipid Nanocapsules. Langmuir, 2020, 36, 4165-4173.	3.5	1
106	ORBIS (Open Research Biopharmaceutical Internships Support) – building bridges between academia and pharmaceutical industry to improve drug development. Journal of Medical Science, 2020, 89, e419.	0.7	1
107	In Vitro Simulation of Drug Interaction: Ciprofloxacin/Zinc Chloride. Journal of Drug Delivery Science and Technology, 2014, 24, 229-233.	3.0	0