

Lidia Tajber

List of Publications by Year in Descending Order

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

105
papers

2,560
citations

32
h-index

45
g-index

107
ext. papers

2,895
ext. citations

5.4
avg, IF

5.21
L-index

#	Paper	IF	Citations
105	Inhibition of celecoxib crystallization by mesoporous silica - molecular dynamics studies leading to the discovery of the stabilization origin.. <i>European Journal of Pharmaceutical Sciences</i> , 2022 , 106132	5.1	1
104	Medicine Maker: An Outreach Activity for Pharmaceutical Manufacturing and Health Literacy.. <i>Journal of Chemical Education</i> , 2022 , 99, 1231-1237	2.4	0
103	Osmolality of Excipients for Parenteral Formulation Measured by Freezing Point Depression and Vapor Pressure - A Comparative Analysis.. <i>Pharmaceutical Research</i> , 2022 , 1	4.5	0
102	Formation of stoichiometric and non-stoichiometric ionic liquid and cocrystal multicomponent phases of lidocaine with azelaic acid by changing counterion ratios. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117737	6	0
101	Characterisation and fundamental insight into the formation of new solid state, multicomponent systems of propranolol. <i>International Journal of Pharmaceutics</i> , 2021 , 602, 120605	6.5	0
100	High-Pressure Dielectric Studies-a Way to Experimentally Determine the Solubility of a Drug in the Polymer Matrix at Low Temperatures. <i>Molecular Pharmaceutics</i> , 2021 , 18, 3050-3062	5.6	2
99	Formation of low melting point binary systems comprising ketoprofen and an amide local anaesthetic. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 120969	6.5	0
98	Physicochemical Characterization of a Co-Amorphous Atorvastatin-Irbesartan System with a Potential Application in Fixed-Dose Combination Therapy. <i>Pharmaceutics</i> , 2021 , 13,	6.4	6
97	An Enteric-Coated Polyelectrolyte Nanocomplex Delivers Insulin in Rat Intestinal Instillations when Combined with a Permeation Enhancer. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
96	Carbohydrate-based Trojan microparticles as carriers for pulmonary delivery of lipid nanocapsules using dry powder inhalation. <i>Powder Technology</i> , 2020 , 364, 507-521	5.2	7
95	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. <i>International Journal of Pharmaceutics</i> , 2020 , 577, 119051	6.5	4
94	Anticrystal Engineering of Ketoprofen and Ester Local Anesthetics: Ionic Liquids or Deep Eutectic Mixtures?. <i>Pharmaceutics</i> , 2020 , 12,	6.4	10
93	Enhancement of the Physical Stability of Amorphous Sildenafil in a Binary Mixture, with either a Plasticizing or Antiplasticizing Compound. <i>Pharmaceutics</i> , 2020 , 12,	6.4	4
92	The control of paracetamol particle size and surface morphology through crystallisation in a spray dryer. <i>Advanced Powder Technology</i> , 2020 , 31, 287-299	4.6	3
91	Green Synthesis of Lidocaine Ionic Liquids and Salts: Mechanisms of Formation and Interactions in the Crystalline and Supercooled States. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 18266-18276	8.3	5
90	Identification and Pharmaceutical Characterization of a New Itraconazole Terephthalic Acid Cocrystal. <i>Pharmaceutics</i> , 2020 , 12,	6.4	10
89	The impact of the degree of intimate mixing on the compaction properties of materials produced by crystallo-co-spray drying. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 154, 105505	5.1	5

88	Molecular dynamics, viscoelastic properties and physical stability studies of a new amorphous dihydropyridine derivative with T-type calcium channel blocking activity. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 141, 105083	5.1	6
87	Understanding the Thermodynamic Mechanisms Leading to the Binding of Albumin to Lipid Nanocapsules. <i>Langmuir</i> , 2020 , 36, 4165-4173	4	0
86	Mechanochemical activation with cyclodextrins followed by compaction as an effective approach to improving dissolution of rutin. <i>International Journal of Pharmaceutics</i> , 2020 , 581, 119294	6.5	8
85	Impact of polyethylene glycol polymers on the physicochemical properties and mucoadhesivity of itraconazole nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 144, 57-67	5.7	6
84	Isolation of Itraconazole Nanostructured Microparticles via Spray Drying with Rational Selection of Optimum Base for Successful Reconstitution and Compaction. <i>AAPS PharmSciTech</i> , 2019 , 20, 217	3.9	4
83	Fluoroquinolone Amorphous Polymeric Salts and Dispersions for Veterinary Uses. <i>Pharmaceutics</i> , 2019 , 11,	6.4	6
82	Effect of electrostatic interactions on the relaxation dynamics of pharmaceutical eutectics. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 134, 93-101	5.1	2
81	Nanoparticle Tracking Analysis to Examine the Temperature-Induced Aggregation of Proteins. <i>Methods in Molecular Biology</i> , 2019 , 2039, 131-139	1.4	1
80	Density Scaling in Ionic Glass Formers Controlled by Grotthuss Conduction. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 1156-1160	3.4	6
79	In situ monitoring of nanoparticle formation: Antisolvent precipitation of azole anti-fungal drugs. <i>International Journal of Pharmaceutics</i> , 2018 , 543, 201-213	6.5	6
78	Can Storage Time Improve the Physical Stability of Amorphous Pharmaceuticals with Tautomerization Ability Exposed to Compression? The Case of a Chloramphenicol Drug. <i>Molecular Pharmaceutics</i> , 2018 , 15, 1928-1940	5.6	13
77	Development and characterization of poly(lactic-co-glycolic) acid nanoparticles loaded with copaiba oleoresin. <i>Pharmaceutical Development and Technology</i> , 2018 , 23, 343-350	3.4	8
76	The Role of Mucin in the Toxicological Impact of Polystyrene Nanoparticles. <i>Materials</i> , 2018 , 11,	3.5	35
75	Comparison of particle size methodology and assessment of nanoparticle tracking analysis (NTA) as a tool for live monitoring of crystallisation pathways. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 130, 314-326	5.7	10
74	The effect of electrostatic interactions on the formation of pharmaceutical eutectics. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 27361-27367	3.6	14
73	Phase Diagrams of Polymer-Dispersed Liquid Crystal Systems of Itraconazole/Component Immiscibility Induced by Molecular Anisotropy. <i>Molecular Pharmaceutics</i> , 2018 , 15, 5192-5206	5.6	16
72	Freeze drying of polyelectrolyte complex nanoparticles: Effect of nanoparticle composition and cryoprotectant selection. <i>International Journal of Pharmaceutics</i> , 2018 , 552, 27-38	6.5	26
71	Intra-articular delivery of a nanocomplex comprising salmon calcitonin, hyaluronic acid, and chitosan using an equine model of joint inflammation. <i>Drug Delivery and Translational Research</i> , 2018 , 8, 1421-1435	6.2	7

70	Optimisation of the self-assembly process: production of stable, alginate-based polyelectrolyte nanocomplexes with protamine. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	4
69	Preparation and characterization of amorphous ciprofloxacin-amino acid salts. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 121, 73-89	5.7	26
68	A Comparative Study on the Performance of Inert and Functionalized Spheres Coated with Solid Dispersions Made of Two Structurally Related Antifungal Drugs. <i>Molecular Pharmaceutics</i> , 2017 , 14, 3718-3728	5.6	17
67	Polymer/Amorphous Salt Solid Dispersions of Ciprofloxacin. <i>Pharmaceutical Research</i> , 2017 , 34, 2425-2439	3.9	17
66	Amorphous Polymeric Drug Salts as Ionic Solid Dispersion Forms of Ciprofloxacin. <i>Molecular Pharmaceutics</i> , 2017 , 14, 2209-2223	5.6	38
65	Design of chondroitin sulfate-based polyelectrolyte nanoplexes: Formation of nanocarriers with chitosan and a case study of salmon calcitonin. <i>Carbohydrate Polymers</i> , 2017 , 156, 276-284	10.3	23
64	Impact of Substrate Properties on the Formation of Spherulitic Films: A Case Study of Salbutamol Sulfate. <i>Crystal Growth and Design</i> , 2016 , 16, 3853-3858	3.5	6
63	A Rare Case of Mesomorphic Behavior: Molecular Reorientation of Itraconazole Liquid Crystal Induced by a Hygrothermal Treatment. <i>Crystal Growth and Design</i> , 2016 , 16, 1329-1336	3.5	4
62	Molecular Dynamics and Physical Stability of Amorphous Nimesulide Drug and Its Binary Drug-Polymer Systems. <i>Molecular Pharmaceutics</i> , 2016 , 13, 1937-46	5.6	32
61	Two Faces of Ciprofloxacin: Investigation of Proton Transfer in Solid State Transformations. <i>Crystal Growth and Design</i> , 2016 , 16, 6574-6585	3.5	18
60	Physicochemical properties of direct compression tablets with spray dried and ball milled solid dispersions of tadalafil in PVP-VA. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 109, 14-23	5.7	32
59	Polymorphism in sulfadimidine/4-aminosalicylic acid cocrystals: solid-state characterization and physicochemical properties. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 1385-98	3.9	37
58	Comparative Study of Different Methods for the Prediction of Drug-Polymer Solubility. <i>Molecular Pharmaceutics</i> , 2015 , 12, 3408-19	5.6	80
57	Physical stability of solid dispersions with respect to thermodynamic solubility of tadalafil in PVP-VA. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 96, 237-46	5.7	39
56	Chondroitin-based nanoplexes as peptide delivery systems--Investigations into the self-assembly process, solid-state and extended release characteristics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 93, 242-53	5.7	19
55	Mesophase and size manipulation of itraconazole liquid crystalline nanoparticles produced via quasi nanoemulsion precipitation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 96, 226-36	5.7	19
54	Molecular Dynamics and Physical Stability of Coamorphous Ezetimib and Indapamide Mixtures. <i>Molecular Pharmaceutics</i> , 2015 , 12, 3610-9	5.6	62
53	Crystal Habits of Itraconazole Microcrystals: Unusual Isomorphous Intergrowths Induced via Tuning Recrystallization Conditions. <i>Molecular Pharmaceutics</i> , 2015 , 12, 3468-78	5.6	17

52	Co-spray dried carbohydrate microparticles: crystallisation delay/inhibition and improved aerosolization characteristics through the incorporation of hydroxypropyl-β-cyclodextrin with amorphous raffinose or trehalose. <i>Pharmaceutical Research</i> , 2015 , 32, 180-95	4.5	21
51	Physicochemical properties of tadalafil solid dispersions - Impact of polymer on the apparent solubility and dissolution rate of tadalafil. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 94, 106-15	5.7	61
50	Molecular origin of enhanced proton conductivity in anhydrous ionic systems. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1157-64	16.4	37
49	Formulation, stability and pharmacokinetics of sugar-based salmon calcitonin-loaded nanoporous/nanoparticulate microparticles (NPMs) for inhalation. <i>International Journal of Pharmaceutics</i> , 2015 , 483, 6-18	6.5	35
48	Self-assembled carrageenan/protamine polyelectrolyte nanoplexes-Investigation of critical parameters governing their formation and characteristics. <i>Carbohydrate Polymers</i> , 2015 , 123, 339-49	10.3	40
47	Dry powders for oral inhalation free of lactose carrier particles. <i>Advanced Drug Delivery Reviews</i> , 2014 , 75, 32-52	18.5	132
46	Intermolecular interactions between salmon calcitonin, hyaluronate, and chitosan and their impact on the process of formation and properties of peptide-loaded nanoparticles. <i>International Journal of Pharmaceutics</i> , 2014 , 477, 102-12	6.5	20
45	Biopharmaceutical characterisation of ciprofloxacin-metallic ion interactions: comparative study into the effect of aluminium, calcium, zinc and iron on drug solubility and dissolution. <i>Acta Pharmaceutica</i> , 2014 , 64, 77-88	3.2	12
44	The influence of amorphization methods on the apparent solubility and dissolution rate of tadalafil. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 62, 132-40	5.1	46
43	Heat induced evaporative antisolvent nanoprecipitation (HIEAN) of itraconazole. <i>International Journal of Pharmaceutics</i> , 2014 , 471, 400-11	6.5	30
42	Self-assembled hyaluronate/protamine polyelectrolyte nanoplexes: synthesis, stability, biocompatibility and potential use as peptide carriers. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 3658-73	4	26
41	In Vitro Simulation of Drug Interaction: Ciprofloxacin/Zinc Chloride. <i>Journal of Drug Delivery Science and Technology</i> , 2014 , 24, 229-233	4.5	
40	Pegylation increases platelet biocompatibility of gold nanoparticles. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 1004-15	4	43
39	Formation and physicochemical properties of crystalline and amorphous salts with different stoichiometries formed between ciprofloxacin and succinic acid. <i>Molecular Pharmaceutics</i> , 2013 , 10, 3640-54	5.6	57
38	An intra-articular salmon calcitonin-based nanocomplex reduces experimental inflammatory arthritis. <i>Journal of Controlled Release</i> , 2013 , 167, 120-9	11.7	50
37	Investigation of the capacity of low glass transition temperature excipients to minimize amorphization of sulfadimidine on comilling. <i>Molecular Pharmaceutics</i> , 2013 , 10, 386-96	5.6	22
36	Formation, physical stability, and quantification of process-induced disorder in cryomilled samples of a model polymorphic drug. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 93-103	3.9	19
35	Reducing mechanical activation-induced amorphisation of salbutamol sulphate by co-processing with selected carboxylic acids. <i>International Journal of Pharmaceutics</i> , 2013 , 456, 508-16	6.5	15

34	Bulk, surface properties and water uptake mechanisms of salt/acid amorphous composite systems. <i>International Journal of Pharmaceutics</i> , 2013 , 456, 143-52	6.5	14
33	Steroid/mucokinetic hybrid nanoporous microparticles for pulmonary drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 604-13	5.7	24
32	Amorphous solid dispersions of sulfonamide/Soluplus [®] and sulfonamide/PVP prepared by ball milling. <i>AAPS PharmSciTech</i> , 2013 , 14, 464-74	3.9	55
31	Decoupling of conductivity relaxation from structural relaxation in protic ionic liquids and general properties. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 9205-11	3.6	35
30	Molecular dynamics, physical stability and solubility advantage from amorphous indapamide drug. <i>Molecular Pharmaceutics</i> , 2013 , 10, 3612-27	5.6	42
29	Impact of alternative solid state forms and specific surface area of high-dose, hydrophilic active pharmaceutical ingredients on tabletability. <i>Molecular Pharmaceutics</i> , 2013 , 10, 3628-39	5.6	9
28	Nanostructured systems containing babassu (<i>Orbignya speciosa</i>) oil as a potential alternative therapy for benign prostatic hyperplasia. <i>International Journal of Nanomedicine</i> , 2013 , 8, 3129-39	7.3	14
27	Characterisation, solubility and intrinsic dissolution behaviour of benzamide: dibenzyl sulfoxide cocrystal. <i>International Journal of Pharmaceutics</i> , 2012 , 422, 24-32	6.5	33
26	Preparation and characterisation of novel spray-dried nano-structured para-aminosalicylic acid particulates for pulmonary delivery: impact of ammonium carbonate on morphology, chemical composition and solid state. <i>Journal of Pharmacy and Pharmacology</i> , 2012 , 64, 1264-74	4.8	13
25	Spray drying from organic solvents to prepare nanoporous/nanoparticulate microparticles of protein: excipient composites designed for oral inhalation. <i>Journal of Pharmacy and Pharmacology</i> , 2012 , 64, 1275-90	4.8	18
24	Impact of process variables on the micromeritic and physicochemical properties of spray-dried porous microparticles, part I: introduction of a new morphology classification system. <i>Journal of Pharmacy and Pharmacology</i> , 2012 , 64, 1570-82	4.8	17
23	Modification of the solid-state nature of sulfathiazole and sulfathiazole sodium by spray drying. <i>AAPS PharmSciTech</i> , 2012 , 13, 647-60	3.9	15
22	A novel approach to crystallisation of nanodispersible microparticles by spray drying for improved tabletability. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 873-6	6.5	7
21	Exploring the assembly process and properties of novel crosslinker-free hyaluronate-based polyelectrolyte complex nanocarriers. <i>International Journal of Pharmaceutics</i> , 2012 , 436, 75-87	6.5	35
20	The vaccine adjuvant alum inhibits IL-12 by promoting PI3 kinase signaling while chitosan does not inhibit IL-12 and enhances Th1 and Th17 responses. <i>European Journal of Immunology</i> , 2012 , 42, 2709-19	6.1	98
19	Impact of process variables on the micromeritic and physicochemical properties of spray-dried microparticles--Part II. Physicochemical characterisation of spray-dried materials. <i>Journal of Pharmacy and Pharmacology</i> , 2012 , 64, 1583-91	4.8	4
18	Evaluation of HPCD-PEG microparticles for salmon calcitonin administration via pulmonary delivery. <i>Molecular Pharmaceutics</i> , 2011 , 8, 1887-98	5.6	25
17	A comparison of spray drying and milling in the production of amorphous dispersions of sulfathiazole/polyvinylpyrrolidone and sulfadimidine/polyvinylpyrrolidone. <i>Molecular Pharmaceutics</i> , 2011 , 8, 532-42	5.6	82

16	Optimisation of spray drying process conditions for sugar nanoporous microparticles (NPMPs) intended for inhalation. <i>International Journal of Pharmaceutics</i> , 2011 , 421, 99-109	6.5	50
15	Preparation and characterisation of novel chlorothiazide potassium solid-state salt forms: Intermolecular self assembly suprastructures. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 42, 220-9	5.1	10
14	Solid-state characterization of novel active pharmaceutical ingredients: cocrystal of a salbutamol hemiadipate salt with adipic acid (2:1:1) and salbutamol hemisuccinate salt. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 3268-3283	3.9	31
13	Biopharmaceutical characterization of ciprofloxacin HCl-ferrous sulfate interaction. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 5174-84	3.9	17
12	Particle engineering of materials for oral inhalation by dry powder inhalers. I-Particles of sugar excipients (trehalose and raffinose) for protein delivery. <i>International Journal of Pharmaceutics</i> , 2011 , 405, 23-35	6.5	72
11	Particle engineering of materials for oral inhalation by dry powder inhalers. II-Sodium cromoglicate. <i>International Journal of Pharmaceutics</i> , 2011 , 405, 36-46	6.5	37
10	Development and characterisation of soluble polymeric particles for pulmonary peptide delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 41, 337-52	5.1	29
9	Preparation and solid state characterisation of chlorothiazide sodium intermolecular self-assembly suprastructure. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 41, 603-11	5.1	19
8	Excipient-free nanoporous microparticles of budesonide for pulmonary delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 37, 593-602	5.1	66
7	Spray drying of budesonide, formoterol fumarate and their composites-II. Statistical factorial design and in vitro deposition properties. <i>International Journal of Pharmaceutics</i> , 2009 , 367, 86-96	6.5	48
6	Spray drying of budesonide, formoterol fumarate and their composites--I. Physicochemical characterisation. <i>International Journal of Pharmaceutics</i> , 2009 , 367, 79-85	6.5	45
5	Platelet compatibility of PLGA, chitosan and PLGA-chitosan nanoparticles. <i>Nanomedicine</i> , 2009 , 4, 735-46	5.6	31
4	Characterisation of excipient-free nanoporous microparticles (NPMPs) of bendroflumethiazide. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 69, 1182-6	5.7	55
3	Physicochemical evaluation of PVP-thiazide diuretic interactions in co-spray-dried composites--analysis of glass transition composition relationships. <i>European Journal of Pharmaceutical Sciences</i> , 2005 , 24, 553-63	5.1	59
2	Photoconductivity of synthetic dopa-melanin polymer. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2002 , 66, 201-6	6.7	39
1	Orientational Order and Dynamics of Nematic Multipodes Based on Carbosilazane Cores Using Optical and Dielectric Spectroscopy. <i>Macromolecules</i> , 2002 , 35, 8601-8608	5.5	26