

Zachary N Warnken

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2887349/zachary-n-warnken-publications-by-citations.pdf>

Version: 2024-04-26

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

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

165
papers

7,286
citations

48
h-index

78
g-index

180
ext. papers

8,271
ext. citations

5.3
avg, IF

6.26
L-index

#	Paper	IF	Citations
165	Inhaled nanoparticles--a current review. <i>International Journal of Pharmaceutics</i> , 2008 , 356, 239-47	6.5	470
164	Influence of particle size on regional lung deposition--what evidence is there?. <i>International Journal of Pharmaceutics</i> , 2011 , 406, 1-10	6.5	350
163	Drug nanoparticles by antisolvent precipitation: mixing energy versus surfactant stabilization. <i>Langmuir</i> , 2006 , 22, 8951-9	4	300
162	Amorphous solid dispersions and nano-crystal technologies for poorly water-soluble drug delivery. <i>International Journal of Pharmaceutics</i> , 2013 , 453, 157-66	6.5	206
161	Amorphous compositions using concentration enhancing polymers for improved bioavailability of itraconazole. <i>Molecular Pharmaceutics</i> , 2008 , 5, 968-80	5.6	150
160	Enhanced drug dissolution using evaporative precipitation into aqueous solution. <i>International Journal of Pharmaceutics</i> , 2002 , 243, 17-31	6.5	139
159	The COVID-19 Vaccine Race: Challenges and Opportunities in Vaccine Formulation. <i>AAPS PharmSciTech</i> , 2020 , 21, 225	3.9	134
158	Preparation of cyclosporine A nanoparticles by evaporative precipitation into aqueous solution. <i>International Journal of Pharmaceutics</i> , 2002 , 242, 3-14	6.5	130
157	Design of potent amorphous drug nanoparticles for rapid generation of highly supersaturated media. <i>Molecular Pharmaceutics</i> , 2007 , 4, 782-93	5.6	126
156	Characterization of an inclusion complex of cholesterol and hydroxypropyl-beta-cyclodextrin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1998 , 46, 355-60	5.7	121
155	Hot-melt extrusion for enhanced delivery of drug particles. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 361-76	3.9	117
154	Targeted intestinal delivery of supersaturated itraconazole for improved oral absorption. <i>Pharmaceutical Research</i> , 2008 , 25, 1450-9	4.5	115
153	A novel particle engineering technology to enhance dissolution of poorly water soluble drugs: spray-freezing into liquid. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002 , 54, 271-80	5.7	114
152	Solution-based particle formation of pharmaceutical powders by supercritical or compressed fluid CO ₂ and cryogenic spray-freezing technologies. <i>Drug Development and Industrial Pharmacy</i> , 2001 , 27, 1003-15	3.6	113
151	Fusion production of solid dispersions containing a heat-sensitive active ingredient by hot melt extrusion and Kinetisol dispersing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010 , 74, 340-51	5.7	111
150	A novel particle engineering technology: spray-freezing into liquid. <i>International Journal of Pharmaceutics</i> , 2002 , 242, 93-100	6.5	111
149	Comparison of bioavailability of amorphous versus crystalline itraconazole nanoparticles via pulmonary administration in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010 , 75, 33-41	5.7	107

148	Spray freezing into liquid (SFL) particle engineering technology to enhance dissolution of poorly water soluble drugs: organic solvent versus organic/aqueous co-solvent systems. <i>European Journal of Pharmaceutical Sciences</i> , 2003 , 20, 295-303	5.1	107
147	Hot-melt extrusion--basic principles and pharmaceutical applications. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 1133-55	3.6	95
146	High bioavailability from nebulized itraconazole nanoparticle dispersions with biocompatible stabilizers. <i>International Journal of Pharmaceutics</i> , 2008 , 361, 177-88	6.5	95
145	Improvement of dissolution rates of poorly water soluble APIs using novel spray freezing into liquid technology. <i>Pharmaceutical Research</i> , 2002 , 19, 1278-84	4.5	93
144	Novel ultra-rapid freezing particle engineering process for enhancement of dissolution rates of poorly water-soluble drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007 , 65, 57-67	5.7	91
143	Spray freezing into liquid versus spray-freeze drying: influence of atomization on protein aggregation and biological activity. <i>European Journal of Pharmaceutical Sciences</i> , 2006 , 27, 9-18	5.1	89
142	Effect of stabilizer on the maximum degree and extent of supersaturation and oral absorption of tacrolimus made by ultra-rapid freezing. <i>Pharmaceutical Research</i> , 2008 , 25, 167-75	4.5	84
141	Challenges and Strategies in Thermal Processing of Amorphous Solid Dispersions: A Review. <i>AAPS PharmSciTech</i> , 2016 , 17, 43-55	3.9	82
140	Enhanced aqueous dissolution of a poorly water soluble drug by novel particle engineering technology: spray-freezing into liquid with atmospheric freeze-drying. <i>Pharmaceutical Research</i> , 2003 , 20, 485-93	4.5	80
139	Formulation and delivery of improved amorphous fenofibrate solid dispersions prepared by thin film freezing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 82, 534-44	5.7	79
138	Single dose and multiple dose studies of itraconazole nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006 , 63, 95-102	5.7	75
137	Solid dispersions of itraconazole and enteric polymers made by ultra-rapid freezing. <i>International Journal of Pharmaceutics</i> , 2007 , 336, 122-32	6.5	72
136	Preparation and characterization of microparticles containing peptide produced by a novel process: spray freezing into liquid. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002 , 54, 221-8	5.7	72
135	Rapid dissolving high potency danazol powders produced by spray freezing into liquid process. <i>International Journal of Pharmaceutics</i> , 2004 , 271, 145-54	6.5	71
134	Solid lipid nanoparticle formulations of docetaxel prepared with high melting point triglycerides: in vitro and in vivo evaluation. <i>Molecular Pharmaceutics</i> , 2014 , 11, 1239-49	5.6	67
133	Dissolution enhancement of a drug exhibiting thermal and acidic decomposition characteristics by fusion processing: a comparative study of hot melt extrusion and KinetiSol dispersing. <i>AAPS PharmSciTech</i> , 2010 , 11, 760-74	3.9	65
132	Spray freezing into liquid nitrogen for highly stable protein nanostructured microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004 , 58, 529-37	5.7	64
131	Investigation of excipient type and level on drug release from controlled release tablets containing HPMC. <i>Pharmaceutical Development and Technology</i> , 2002 , 7, 181-93	3.4	63

130	Turbidimetric measurement and prediction of dissolution rates of poorly soluble drug nanocrystals. <i>Journal of Controlled Release</i> , 2007 , 117, 351-9	11.7	60
129	Targeted high lung concentrations of itraconazole using nebulized dispersions in a murine model. <i>Pharmaceutical Research</i> , 2006 , 23, 901-11	4.5	60
128	Fusion processing of itraconazole solid dispersions by kinetisol dispersing: a comparative study to hot melt extrusion. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 1239-53	3.9	58
127	Formulation and device design to increase nose to brain drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 35, 213-222	4.5	56
126	Amorphous cyclosporin nanodispersions for enhanced pulmonary deposition and dissolution. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 4915-33	3.9	55
125	Applications of KinetiSol dispersing for the production of plasticizer free amorphous solid dispersions. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 40, 179-87	5.1	54
124	Formation of stable submicron protein particles by thin film freezing. <i>Pharmaceutical Research</i> , 2008 , 25, 1334-46	4.5	51
123	Micronized powders of a poorly water soluble drug produced by a spray-freezing into liquid-emulsion process. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003 , 55, 161-72	5.7	51
122	Characterization of amorphous solid dispersions: An update. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 50, 113-124	4.5	51
121	A New Extrudable Form of Hypromellose: AFFINISOL [®] HPMC HME. <i>AAPS PharmSciTech</i> , 2016 , 17, 106-19	3.9	49
120	Influence of processing and curing conditions on beads coated with an aqueous dispersion of cellulose acetate phthalate. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2000 , 49, 243-52	5.7	49
119	Use of Polyvinyl Alcohol as a Solubility-Enhancing Polymer for Poorly Water Soluble Drug Delivery (Part 1). <i>AAPS PharmSciTech</i> , 2016 , 17, 167-79	3.9	48
118	Flocculated amorphous nanoparticles for highly supersaturated solutions. <i>Pharmaceutical Research</i> , 2008 , 25, 2477-87	4.5	48
117	Dry powder insufflation of crystalline and amorphous voriconazole formulations produced by thin film freezing to mice. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 600-8	5.7	46
116	Drug delivery strategies for improved azole antifungal action. <i>Expert Opinion on Drug Delivery</i> , 2008 , 5, 1199-216	8	46
115	Stabilizer choice for rapid dissolving high potency itraconazole particles formed by evaporative precipitation into aqueous solution. <i>International Journal of Pharmaceutics</i> , 2005 , 302, 113-24	6.5	46
114	Processing thermally labile drugs by hot-melt extrusion: The lesson with gliclazide. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 119, 56-67	5.7	45
113	In vivo efficacy of aerosolized nanostructured itraconazole formulations for prevention of invasive pulmonary aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 1552-4	5.9	44

112	Characterization and pharmacokinetic analysis of aerosolized aqueous voriconazole solution. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 72, 199-205	5.7	43
111	Films loaded with insulin-coated nanoparticles (ICNP) as potential platforms for peptide buccal delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 122, 38-45	6	42
110	Uniform encapsulation of stable protein nanoparticles produced by spray freezing for the reduction of burst release. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 56-69	3.9	42
109	Hot melt extrusion versus spray drying: hot melt extrusion degrades albendazole. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 797-811	3.6	41
108	In vitro characterization and pharmacokinetics in mice following pulmonary delivery of itraconazole as cyclodextrin solubilized solution. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 39, 336-47	5.1	40
107	Highly supersaturated solutions of amorphous drugs approaching predictions from configurational thermodynamic properties. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 16675-81	3.4	40
106	Morphology of protein particles produced by spray freezing of concentrated solutions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007 , 65, 149-62	5.7	40
105	Personalized Medicine in Nasal Delivery: The Use of Patient-Specific Administration Parameters To Improve Nasal Drug Targeting Using 3D-Printed Nasal Replica Casts. <i>Molecular Pharmaceutics</i> , 2018 , 15, 1392-1402	5.6	39
104	Respirable low-density microparticles formed in situ from aerosolized brittle matrices. <i>Pharmaceutical Research</i> , 2013 , 30, 813-25	4.5	39
103	Development of Remdesivir as a Dry Powder for Inhalation by Thin Film Freezing. <i>Pharmaceutics</i> , 2020 , 12,	6.4	39
102	Thermal Processing of PVP- and HPMC-Based Amorphous Solid Dispersions. <i>AAPS PharmSciTech</i> , 2016 , 17, 120-32	3.9	38
101	Predicting physical stability of ternary amorphous solid dispersions using specific mechanical energy in a hot melt extrusion process. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 571-585	6.5	38
100	Nebulization of nanoparticulate amorphous or crystalline tacrolimus--single-dose pharmacokinetics study in mice. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 69, 1057-66	5.7	38
99	Sustained Release Drug Delivery Applications of Polyurethanes. <i>Pharmaceutics</i> , 2018 , 10,	6.4	37
98	The impact of pulmonary diseases on the fate of inhaled medicines--a review. <i>International Journal of Pharmaceutics</i> , 2014 , 461, 112-28	6.5	37
97	Investigation of a pMDI system containing chitosan microspheres and P134a. <i>International Journal of Pharmaceutics</i> , 1998 , 174, 209-222	6.5	35
96	Encapsulation of protein nanoparticles into uniform-sized microspheres formed in a spinning oil film. <i>AAPS PharmSciTech</i> , 2005 , 6, E605-17	3.9	35
95	Inhaled voriconazole for prevention of invasive pulmonary aspergillosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 2613-5	5.9	34

94	Aerosolized nanostructured itraconazole as prophylaxis against invasive pulmonary aspergillosis. <i>Journal of Infection</i> , 2007 , 55, 68-74	18.9	34
93	Templated open floccs of nanorods for enhanced pulmonary delivery with pressurized metered dose inhalers. <i>Pharmaceutical Research</i> , 2009 , 26, 101-17	4.5	33
92	Highly supersaturated solutions from dissolution of amorphous itraconazole microparticles at pH 6.8. <i>Molecular Pharmaceutics</i> , 2009 , 6, 375-85	5.6	33
91	Stable high surface area lactate dehydrogenase particles produced by spray freezing into liquid nitrogen. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007 , 65, 163-74	5.7	33
90	Cryogenic liquids, nanoparticles, and microencapsulation. <i>International Journal of Pharmaceutics</i> , 2006 , 324, 43-50	6.5	33
89	Influence of micronization method on the performance of a suspension triamcinolone acetonide pressurized metered-dose inhaler formulation. <i>Pharmaceutical Development and Technology</i> , 1999 , 4, 167-79	3.4	33
88	Comparison of powder produced by evaporative precipitation into aqueous solution (EPAS) and spray freezing into liquid (SFL) technologies using novel Z-contrast STEM and complimentary techniques. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2005 , 60, 81-9	5.7	32
87	Enhancing bioavailability through thermal processing. <i>International Journal of Pharmaceutics</i> , 2013 , 450, 185-96	6.5	31
86	Enabling thermal processing of ritonavir-polyvinyl alcohol amorphous solid dispersions by KinetiSol [®] Dispersing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 101, 72-81	5.7	29
85	Characterization and pharmacokinetic analysis of crystalline versus amorphous rapamycin dry powder via pulmonary administration in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 88, 136-47	5.7	29
84	Formulation of a protein with propellant HFA 134a for aerosol delivery. <i>European Journal of Pharmaceutical Sciences</i> , 1999 , 7, 137-44	5.1	29
83	Caveolin-1-derived peptide limits development of pulmonary fibrosis. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	29
82	Influence of mechanical and thermal energy on nifedipine amorphous solid dispersions prepared by hot melt extrusion: Preparation and physical stability. <i>International Journal of Pharmaceutics</i> , 2019 , 561, 324-334	6.5	28
81	Rapid dissolution of high-potency danazol particles produced by evaporative precipitation into aqueous solution. <i>Journal of Pharmaceutical Sciences</i> , 2004 , 93, 1867-78	3.9	28
80	In vitro and in vivo performance of dry powder inhalation formulations: comparison of particles prepared by thin film freezing and micronization. <i>AAPS PharmSciTech</i> , 2014 , 15, 981-93	3.9	27
79	Influence of formulation additives on the vapor pressure of hydrofluoroalkane propellants. <i>International Journal of Pharmaceutics</i> , 1998 , 166, 99-103	6.5	27
78	Dissolution enhancement of itraconazole by hot-melt extrusion alone and the combination of hot-melt extrusion and rapid freezing--effect of formulation and processing variables. <i>Molecular Pharmaceutics</i> , 2014 , 11, 186-96	5.6	26
77	Murine airway histology and intracellular uptake of inhaled amorphous itraconazole. <i>International Journal of Pharmaceutics</i> , 2007 , 338, 219-24	6.5	26

76	Delivery Technologies for Orally Inhaled Products: an Update. <i>AAPS PharmSciTech</i> , 2019 , 20, 117	3.9	25
75	Inhaled nanoparticles-An updated review. <i>International Journal of Pharmaceutics</i> , 2020 , 587, 119671	6.5	23
74	Characterization and pharmacokinetic analysis of tacrolimus dispersion for nebulization in a lung transplanted rodent model. <i>International Journal of Pharmaceutics</i> , 2010 , 384, 46-52	6.5	21
73	Use of Polyvinyl Alcohol as a Solubility Enhancing Polymer for Poorly Water-Soluble Drug Delivery (Part 2). <i>AAPS PharmSciTech</i> , 2016 , 17, 180-90	3.9	20
72	Surfactants: their critical role in enhancing drug delivery to the lungs. <i>Therapeutic Delivery</i> , 2011 , 2, 623-418	3.8	20
71	Sustained-release amorphous solid dispersions. <i>Drug Delivery and Translational Research</i> , 2018 , 8, 1714-1725	6.25	19
70	Effect of process variables on morphology and aerodynamic properties of voriconazole formulations produced by thin film freezing. <i>International Journal of Pharmaceutics</i> , 2012 , 429, 46-57	6.5	19
69	Templated open flocs of anisotropic particles for pulmonary delivery with pressurized metered dose inhalers. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 3150-65	3.9	19
68	Influence of hydroxypropyl methylcellulose polymer on in vitro and in vivo performance of controlled release tablets containing alprazolam. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003 , 56, 461-8	5.7	19
67	Moisture uptake and its influence on pressurized metered-dose inhalers. <i>Pharmaceutical Development and Technology</i> , 2000 , 5, 153-62	3.4	19
66	Mucoadhesive amorphous solid dispersions for sustained release of poorly water soluble drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 113, 157-167	5.7	18
65	Physical stability of micronized powders produced by spray-freezing into liquid (SFL) to enhance the dissolution of an insoluble drug. <i>Pharmaceutical Development and Technology</i> , 2003 , 8, 187-97	3.4	18
64	Intranasal immunization with aluminum salt-adjuvanted dry powder vaccine. <i>Journal of Controlled Release</i> , 2018 , 292, 111-118	11.7	18
63	Enhanced Aerosolization of High Potency Nanoaggregates of Voriconazole by Dry Powder Inhalation. <i>Molecular Pharmaceutics</i> , 2019 , 16, 1799-1812	5.6	17
62	Solid-state NMR analysis of crystalline and amorphous Indomethacin: An experimental protocol for full resonance assignments. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 165, 47-55	3.5	17
61	and Behaviors of KinetiSol and Spray-Dried Amorphous Solid Dispersions of a Weakly Basic Drug and Ionic Polymer \square <i>Molecular Pharmaceutics</i> , 2020 , 17, 2789-2808	5.6	16
60	Just how prevalent are peptide therapeutic products? A critical review. <i>International Journal of Pharmaceutics</i> , 2020 , 587, 119491	6.5	16
59	Dose tolerability of chronically inhaled voriconazole solution in rodents. <i>International Journal of Pharmaceutics</i> , 2009 , 379, 25-31	6.5	16

58	Properties of heat-humidity cured cellulose acetate phthalate free films. <i>European Journal of Pharmaceutical Sciences</i> , 2002 , 17, 31-41	5.1	16
57	Development and evaluation of inhalable composite niclosamide-lysozyme particles: A broad-spectrum, patient-adaptable treatment for coronavirus infections and sequalae. <i>PLoS ONE</i> , 2021 , 16, e0246803	3.7	16
56	A Repurposed Drug for Brain Cancer: Enhanced Atovaquone Amorphous Solid Dispersion by Combining a Spontaneously Emulsifying Component with a Polymer Carrier. <i>Pharmaceutics</i> , 2018 , 10,	6.4	15
55	Compaction properties of microcrystalline cellulose and sodium sulfathiazole in combination with talc or magnesium stearate. <i>Journal of Pharmaceutical Sciences</i> , 1989 , 78, 1025-34	3.9	15
54	Amorphous Solid Dispersions and the Contribution of Nanoparticles to In Vitro Dissolution and In Vivo Testing: Niclosamide as a Case Study. <i>Pharmaceutics</i> , 2021 , 13,	6.4	15
53	Influence of metering chamber volume and water level on the emitted dose of a suspension-based pMDI containing propellant 134a. <i>Pharmaceutical Research</i> , 1997 , 14, 438-43	4.5	14
52	Dissolution Rates and Supersaturation Behavior of Amorphous Repaglinide Particles Produced by Controlled Precipitation. <i>Journal of Biomedical Nanotechnology</i> , 2007 , 3, 18-27	4	14
51	Long-term stability of heat-humidity cured cellulose acetate phthalate coated beads. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002 , 53, 167-73	5.7	14
50	Homogeneity of amorphous solid dispersions - an example with KinetiSol. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 724-735	3.6	13
49	Using thin film freezing to minimize excipients in inhalable tacrolimus dry powder formulations. <i>International Journal of Pharmaceutics</i> , 2020 , 586, 119490	6.5	13
48	Ketoprofen nanoparticle gels formed by evaporative precipitation into aqueous solution. <i>AIChE Journal</i> , 2006 , 52, 2428-2435	3.6	13
47	The influence of plasticizer on heat-humidity curing of cellulose acetate phthalate coated beads. <i>Pharmaceutical Development and Technology</i> , 2001 , 6, 607-19	3.4	13
46	Influence of formulation technique for hydroxypropyl-beta-cyclodextrin on the stability of aspirin in HFA 134a. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1999 , 47, 145-52	5.7	13
45	Next-Generation COVID-19 Vaccines Should Take Efficiency of Distribution into Consideration. <i>AAPS PharmSciTech</i> , 2021 , 22, 126	3.9	13
44	Application of co-grinding to formulate a model pMDI suspension. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1999 , 48, 131-40	5.7	12
43	Amorphous solid dispersion dry powder for pulmonary drug delivery: Advantages and challenges. <i>International Journal of Pharmaceutics</i> , 2020 , 587, 119711	6.5	12
42	In Vitro-In Vivo Correlations of Carbamazepine Nanodispersions for Application in Formulation Development. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 453-465	3.9	12
41	Evaluation of the USP dissolution test method A for enteric-coated articles by planar laser-induced fluorescence. <i>International Journal of Pharmaceutics</i> , 2007 , 330, 61-72	6.5	11

40	Thermally Conductive Excipient Expands KinetiSol [®] Processing Capabilities. <i>AAPS PharmSciTech</i> , 2020 , 21, 319	3.9	11
39	Transesterification-mediated E-ring opening and stereoselective "Red-Ox" modification of furostan. <i>Steroids</i> , 2012 , 77, 276-81	2.8	10
38	Preclinical evaluation of tacrolimus colloidal dispersion for inhalation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 77, 207-15	5.7	10
37	A modified USP induction port to characterize nasal spray plume geometry and predict turbinate deposition under flow. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 305-313	6.5	10
36	Can drug release rate from implants be tailored using poly(urethane) mixtures?. <i>International Journal of Pharmaceutics</i> , 2019 , 557, 390-401	6.5	9
35	Electrostatic powder deposition to prepare films for drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 30, 501-510	4.5	9
34	Influence of formulation and processing variables on properties of itraconazole nanoparticles made by advanced evaporative precipitation into aqueous solution. <i>AAPS PharmSciTech</i> , 2012 , 13, 949-60	3.9	9
33	Ternary Amorphous Solid Dispersions Containing a High-Viscosity Polymer and Mesoporous Silica Enhance Dissolution Performance [□] <i>Molecular Pharmaceutics</i> , 2021 , 18, 198-213	5.6	9
32	Plasma deposited stability enhancement coating for amorphous ketoprofen. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011 , 78, 67-74	5.7	8
31	Formulation of a novel fixed dose combination of salmeterol xinafoate and mometasone furoate for inhaled drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 96, 132-42	5.7	7
30	How broadly can poly(urethane)-based implants be applied to drugs of varied properties?. <i>International Journal of Pharmaceutics</i> , 2019 , 568, 118550	6.5	7
29	Novel formulations and drug delivery systems to administer biological solids. <i>Advanced Drug Delivery Reviews</i> , 2021 , 172, 183-210	18.5	7
28	Nanoparticulate systems for oral drug delivery to the colon. <i>International Journal of Nanotechnology</i> , 2011 , 8, 4	1.5	6
27	Influence of process parameters on the preparation of pharmaceutical films by electrostatic powder deposition. <i>International Journal of Pharmaceutics</i> , 2016 , 515, 94-103	6.5	6
26	Nebulization of mycophenolate mofetil inhalation suspension in rats: comparison with oral and pulmonary administration of Cellcept [®] . <i>International Journal of Pharmaceutics</i> , 2013 , 441, 19-29	6.5	5
25	Modified release itraconazole amorphous solid dispersion to treat <i>Aspergillus fumigatus</i> : importance of the animal model selection. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 264-274 ^{3.6}	3.6	5
24	Development of an Excipient-Free Peptide Dry Powder Inhalation for the Treatment of Pulmonary Fibrosis. <i>Molecular Pharmaceutics</i> , 2020 , 17, 632-644	5.6	5
23	Niclosamide inhalation powder made by thin-film freezing: Multi-dose tolerability and exposure in rats and pharmacokinetics in hamsters. <i>International Journal of Pharmaceutics</i> , 2021 , 603, 120701	6.5	5

22	Complex Drug Delivery Systems: Controlling Transdermal Permeation Rates with Multiple Active Pharmaceutical Ingredients. <i>AAPS PharmSciTech</i> , 2020 , 21, 165	3.9	4
21	Specific mechanical energy - An essential parameter in the processing of amorphous solid dispersions. <i>Advanced Drug Delivery Reviews</i> , 2021 , 173, 374-393	18.5	4
20	In vivo pharmacokinetic study of remdesivir dry powder for inhalation in hamsters.. <i>International Journal of Pharmaceutics: X</i> , 2021 , 3, 100073	3.2	4
19	Formulation Composition and Process Affect Counterion for CSP7 Peptide. <i>Pharmaceutics</i> , 2019 , 11,	6.4	3
18	Broad-Spectrum, Patient-Adaptable Inhaled Niclosamide-Lysozyme Particles are Efficacious Against Coronaviruses in Lethal Murine Infection Models		3
17	Immunogenicity of Antigen Adjuvanted with AS04 and Its Deposition in the Upper Respiratory Tract after Intranasal Administration. <i>Molecular Pharmaceutics</i> , 2020 , 17, 3259-3269	5.6	3
16	Niclosamide Inhalation Powder Made by Thin-Film Freezing: Pharmacokinetic and Toxicology Studies in Rats and Hamsters		3
15	Nebulization of Single-Chain Tissue-Type and Single-Chain Urokinase Plasminogen Activator for Treatment of Inhalational Smoke-Induced Acute Lung Injury. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 48, 19-27	4.5	3
14	The effect of drug loading on the properties of abiraterone-hydroxypropyl beta cyclodextrin solid dispersions processed by solvent free KinetiSol [®] technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 165, 52-65	5.7	3
13	Selective Laser Sintering of a Photosensitive Drug: Impact of Processing and Formulation Parameters on Degradation, Solid State, and Quality of 3D-Printed Dosage Forms. <i>Molecular Pharmaceutics</i> , 2021 , 18, 3894-3908	5.6	3
12	A study of an epoxy aerosol can lining exposed to hydrofluoroalkane propellants. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1997 , 44, 195-203	5.7	2
11	Route-Specific Challenges in the Delivery of Poorly Water-Soluble Drugs. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2016 , 1-39	0.5	2
10	Development of Remdesivir as a Dry Powder for Inhalation by Thin Film Freezing		1
9	Increasing Drug Loading of Weakly Acidic Telmisartan in Amorphous Solid Dispersions through pH Modification during Hot-Melt Extrusion. <i>Molecular Pharmaceutics</i> , 2021 ,	5.6	1
8	Manufacturing Stable Bacteriophage Powders by Including Buffer System in Formulations and Using Thin Film Freeze-drying Technology. <i>Pharmaceutical Research</i> , 2021 , 38, 1793-1804	4.5	1
7	Bioavailability Improvement of Carbamazepine via Oral Administration of Modified-Release Amorphous Solid Dispersions in Rats. <i>Pharmaceutics</i> , 2020 , 12,	6.4	1
6	Innovating on Inhaled Bioequivalence: A Critical Analysis of the Current Limitations, Potential Solutions and Stakeholders of the Process. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
5	Dry powders for inhalation containing monoclonal antibodies made by thin-film freeze-drying.. <i>International Journal of Pharmaceutics</i> , 2022 , 618, 121637	6.5	1

4	Poly (N-Vinylcaprolactam-Grafted-Sodium Alginate) Based Injectable pH/Thermo Responsive In Situ Forming Depot Hydrogels for Prolonged Controlled Anticancer Drug Delivery; In Vitro, In Vivo Characterization and Toxicity Evaluation. <i>Pharmaceutics</i> , 2022 , 14, 1050	6.4	1
3	Development of PEGylated chitosan/CRISPR-Cas9 dry powders for pulmonary delivery via thin-film freeze-drying. <i>International Journal of Pharmaceutics</i> , 2021 , 605, 120831	6.5	0
2	Nose-to-Brain Drug Delivery Enabled by Nanocarriers. <i>Neuromethods</i> , 2021 , 209-233	0.4	
1	Route-Specific Challenges in the Delivery of Poorly Water-Soluble Drugs. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2022 , 1-31	0.5	