

Qi Tony Zhou

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.

124
papers

2,852
citations

33
h-index

47
g-index

136
ext. papers

3,618
ext. citations

6.1
avg, IF

5.5
L-index

#	Paper	IF	Citations
124	Tableting process-induced solid-state polymorphic transition. <i>Journal of Pharmaceutical Investigation</i> , 2022 , 52, 175	6.3	1
123	Correlative proteomics identify the key roles of stress tolerance strategies in <i>Acinetobacter baumannii</i> in response to polymyxin and human macrophages.. <i>PLoS Pathogens</i> , 2022 , 18, e1010308	7.6	0
122	Pharmacokinetics and pharmacodynamics of peptide antibiotics.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 114171	18.5	1
121	Spray Dried Inhalable Ivacaftor Co-Amorphous Microparticle Formulations with Leucine Achieved Enhanced In Vitro Dissolution and Superior Aerosol Performance. <i>International Journal of Pharmaceutics</i> , 2022 , 121859	6.5	0
120	Spray-freeze-dried inhalable composite microparticles containing nanoparticles of combinational drugs for potential treatment of lung infections caused by <i>Pseudomonas aeruginosa</i> . <i>International Journal of Pharmaceutics</i> , 2021 , 610, 121160	6.5	2
119	Physical Stability and Dissolution of Lumefantrine Amorphous Solid Dispersions Produced by Spray Anti-Solvent Precipitation. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 2423-2431	3.9	11
118	In vitro evaluation of drug delivery behavior for inhalable amorphous nanoparticle formulations in a human lung epithelial cell model. <i>International Journal of Pharmaceutics</i> , 2021 , 596, 120211	6.5	2
117	Clinically Relevant Concentrations of Polymyxin B and Meropenem Synergistically Kill Multidrug-Resistant and Minimize Biofilm Formation. <i>Antibiotics</i> , 2021 , 10,	4.9	4
116	Synchrotron-based X-ray fluorescence microscopy reveals accumulation of polymyxins in single human alveolar epithelial cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 ,	5.9	2
115	Pharmaceutical protein solids: Drying technology, solid-state characterization and stability. <i>Advanced Drug Delivery Reviews</i> , 2021 , 172, 211-233	18.5	7
114	Understanding the Impact of Protein-Excipient Interactions on Physical Stability of Spray-Dried Protein Solids. <i>Molecular Pharmaceutics</i> , 2021 , 18, 2657-2668	5.6	2
113	Polymyxins for the treatment of lower respiratory tract infections: lessons learned from the integration of clinical pharmacokinetic studies and clinical outcomes. <i>International Journal of Antimicrobial Agents</i> , 2021 , 57, 106328	14.3	4
112	Risk-predicted dual nomograms consisting of clinical and ultrasound factors for downgrading BI-RADS category 4a breast lesions - A multiple centre study. <i>Journal of Cancer</i> , 2021 , 12, 292-304	4.5	3
111	Effects of drying method and excipient on the structure and physical stability of protein solids: Freeze drying vs. spray freeze drying. <i>International Journal of Pharmaceutics</i> , 2021 , 594, 120169	6.5	15
110	An LC-MS/MS method for simultaneous analysis of the cystic fibrosis therapeutic drugs colistin, ivacaftor and ciprofloxacin.. <i>Journal of Pharmaceutical Analysis</i> , 2021 , 11, 732-738	14	4
109	Comparative metabolomics reveals key pathways associated with the synergistic activity of polymyxin B and rifampicin combination against multidrug-resistant <i>Acinetobacter baumannii</i> . <i>Biochemical Pharmacology</i> , 2021 , 184, 114400	6	3
108	Rescuing the Last-Line Polymyxins: Achievements and Challenges. <i>Pharmacological Reviews</i> , 2021 , 73, 679-728	22.5	39

107	Phylogeny and sex chromosome evolution of palaeognathae. <i>Journal of Genetics and Genomics</i> , 2021 , 49, 109-109	4	3
106	Polymyxin-Induced Metabolic Perturbations in Human Lung Epithelial Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0083521	5.9	0
105	Pharmaceutical amorphous solid dispersion: A review of manufacturing strategies. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2505-2536	15.5	31
104	Electrostatic spray drying for monoclonal antibody formulation. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 120942	6.5	5
103	Sorting nexin-5 is not required for normal spermatogenesis and male fertilization in mice. <i>Molecular Reproduction and Development</i> , 2020 , 87, 1202-1205	2.6	
102	Effective Strategy Targeting Polymyxin-Resistant Gram-Negative Pathogens: Polymyxin B in Combination with the Selective Serotonin Reuptake Inhibitor Sertraline. <i>ACS Infectious Diseases</i> , 2020 , 6, 1436-1450	5.5	9
101	Inhalable Nanocomposite Microparticles with Enhanced Dissolution and Superior Aerosol Performance. <i>Molecular Pharmaceutics</i> , 2020 , 17, 3270-3280	5.6	9
100	Understanding Dynamics of Polymorphic Conversion during the Tableting Process Using Mechanical Raman Spectroscopy. <i>Molecular Pharmaceutics</i> , 2020 , 17, 3043-3052	5.6	8
99	Optimization of inhalable liposomal powder formulations and evaluation of their in vitro drug delivery behavior in Calu-3 human lung epithelial cells. <i>International Journal of Pharmaceutics</i> , 2020 , 586, 119570	6.5	13
98	Dry powder aerosol containing muco-inert particles for excipient enhanced growth pulmonary drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 29, 102262	6	8
97	Can Combined Screening of Ultrasound and Elastography Improve Breast Cancer Identification Compared with MRI in Women with Dense Breasts-a Multicenter Prospective Study. <i>Journal of Cancer</i> , 2020 , 11, 3903-3909	4.5	1
96	Gail Model Improves the Diagnostic Performance of the Fifth Edition of Ultrasound BI-RADS for Predicting Breast Cancer: A Multicenter Prospective Study. <i>Academic Radiology</i> , 2020 ,	4.3	5
95	Physicochemical and Pharmacokinetic Evaluation of Spray-Dried Coformulation of Polyphenolic Acid and L-Leucine with Improved Bioavailability. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2020 , 33, 73-82	3.8	5
94	Physical stability of dry powder inhaler formulations. <i>Expert Opinion on Drug Delivery</i> , 2020 , 17, 77-96	8	36
93	Inhalable liposomal powder formulations for co-delivery of synergistic ciprofloxacin and colistin against multi-drug resistant gram-negative lung infections. <i>International Journal of Pharmaceutics</i> , 2020 , 575, 118915	6.5	26
92	Endogenous Cys-Assisted GSH@AgNCs-rGO Nanoprobe for Real-Time Monitoring of Dynamic Change in GSH Levels Regulated by Natural Drug. <i>Analytical Chemistry</i> , 2020 , 92, 1988-1996	7.8	20
91	Flavonoid glycosides from the rhizomes of <i>Pronephrium penangianum</i> . <i>Phytochemistry</i> , 2020 , 179, 112500	4	1
90	Polymyxin B combinations with FDA-approved non-antibiotic phenothiazine drugs targeting multi-drug resistance of Gram-negative pathogens. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 2247-2258	6.8	3

89	Treatment of infections caused by Gram-negative pathogens: current status on the pharmacokinetics/pharmacodynamics of parenteral and inhaled polymyxins in patients. <i>International Journal of Antimicrobial Agents</i> , 2020 , 56, 106199	14.3	3
88	Surface Composition and Aerosolization Stability of an Inhalable Combinational Powder Formulation Spray Dried Using a Three-Fluid Nozzle. <i>Pharmaceutical Research</i> , 2020 , 37, 219	4.5	1
87	Polymyxin-Induced Cell Death of Human Macrophage-Like THP-1 and Neutrophil-Like HL-60 Cells Associated with the Activation of Apoptotic Pathways. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	2
86	Physical stability and release properties of lumefantrine amorphous solid dispersion granules prepared by a simple solvent evaporation approach. <i>International Journal of Pharmaceutics: X</i> , 2020 , 2, 100052	3.2	13
85	An enzyme-responsive membrane for antibiotic drug release and local periodontal treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 183, 110454	6	15
84	Identification of Potential Skin Sensitizers in Myrrh. <i>Cosmetics</i> , 2019 , 6, 47	2.7	3
83	Novel Polymyxin Combination with the Antiretroviral Zidovudine Exerts Synergistic Killing against NDM-Producing Multidrug-Resistant <i>Klebsiella pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	11
82	rSjp40 inhibits activated hepatic stellate cells by promoting nuclear translocation of YB1 and inducing BMP-7/Smad1/5/8 pathway. <i>Parasites and Vectors</i> , 2019 , 12, 279	4	4
81	Pharmacokinetics of salvianolic acid B, rosmarinic acid and Danshensu in rat after pulmonary administration of <i>Salvia miltiorrhiza</i> polyphenolic acid solution. <i>Biomedical Chromatography</i> , 2019 , 33, e4561	1.7	11
80	A Comprehensive Review on <i>Pronephrium penangianum</i> . <i>Israel Journal of Chemistry</i> , 2019 , 59, 371-377	3.4	3
79	Effects of the antibiotic component on in-vitro bacterial killing, physico-chemical properties, aerosolization and dissolution of a ternary-combinational inhalation powder formulation of antibiotics for pan-drug resistant Gram-negative lung infections. <i>International Journal of Pharmaceutics</i> , 2019 , 561, 102-113	6.5	8
78	Simultaneous Particle Size Reduction and Homogeneous Mixing to Produce Combinational Powder Formulations for Inhalation by the Single-Step Co-Jet Milling. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 3146-3151	3.9	6
77	Correlations between surface composition and aerosolization of jet-milled dry powder inhaler formulations with pharmaceutical lubricants. <i>International Journal of Pharmaceutics</i> , 2019 , 568, 118504	6.5	23
76	Effects of drying method and excipient on structure and stability of protein solids using solid-state hydrogen/deuterium exchange mass spectrometry (ssHDX-MS). <i>International Journal of Pharmaceutics</i> , 2019 , 567, 118470	6.5	14
75	Evaluation of co-delivery of colistin and ciprofloxacin in liposomes using an in vitro human lung epithelial cell model. <i>International Journal of Pharmaceutics</i> , 2019 , 569, 118616	6.5	15
74	Synergistic Combination of Polymyxin B and Enrofloxacin Induced Metabolic Perturbations in Extensive Drug-Resistant. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1146	5.6	7
73	Amorphous solid dispersion formation via solvent granulation - A case study with ritonavir and lopinavir. <i>International Journal of Pharmaceutics: X</i> , 2019 , 1, 100035	3.2	10
72	Metabolomics Study of the Synergistic Killing of Polymyxin B in Combination with Amikacin against Polymyxin-Susceptible and -Resistant <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 64,	5.9	14

71	Surface Composition and Formulation Heterogeneity of Protein Solids Produced by Spray Drying. <i>Pharmaceutical Research</i> , 2019 , 37, 14	4.5	6
70	Intracellular localization of polymyxins in human alveolar epithelial cells. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 48-57	5.1	9
69	Influence of excipients on physical and aerosolization stability of spray dried high-dose powder formulations for inhalation. <i>International Journal of Pharmaceutics</i> , 2018 , 544, 222-234	6.5	53
68	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. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2045-2053	5.6	18
67	A Proof-of-Concept Study of the Efficacy of Systemically Administered Polymyxins in Mouse Burn Wound Infection Caused by Multidrug-Resistant Gram-Negative Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	2
66	Physico-Chemical Properties, Aerosolization and Dissolution of Co-Spray Dried Azithromycin Particles with L-Leucine for Inhalation. <i>Pharmaceutical Research</i> , 2018 , 35, 28	4.5	45
65	Mechanism-Based Pharmacokinetic/Pharmacodynamic Modeling of Aerosolized Colistin in a Mouse Lung Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	9
64	Effects of Drying Process on an IgG1 Monoclonal Antibody Using Solid-State Hydrogen Deuterium Exchange with Mass Spectrometric Analysis (ssHDX-MS). <i>Pharmaceutical Research</i> , 2018 , 35, 12	4.5	20
63	The inhibitory effects of eighteen front-line antibiotics on the substrate uptake mediated by human Organic anion/cation transporters, Organic anion transporting polypeptides and Oligopeptide transporters in in vitro models. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 115, 132-143	5.1	9
62	Effects of Moisture-Induced Crystallization on the Aerosol Performance of Spray Dried Amorphous Ciprofloxacin Powder Formulations. <i>Pharmaceutical Research</i> , 2018 , 35, 7	4.5	30
61	rSjP40 protein promotes PPAR α expression in LX-2 cells through microRNA-27b. <i>FASEB Journal</i> , 2018 , 32, 4798-4803	0.9	12
60	Improved Physical Stability and Aerosolization of Inhalable Amorphous Ciprofloxacin Powder Formulations by Incorporating Synergistic Colistin. <i>Molecular Pharmaceutics</i> , 2018 , 15, 4004-4020	5.6	24
59	Lipidomic Analysis of the Outer Membrane Vesicles from Paired Polymyxin-Susceptible and -Resistant Clinical Isolates. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	14
58	Co-Delivery of Ciprofloxacin and Colistin in Liposomal Formulations with Enhanced In Vitro Antimicrobial Activities against Multidrug Resistant <i>Pseudomonas aeruginosa</i> . <i>Pharmaceutical Research</i> , 2018 , 35, 187	4.5	26
57	Understanding the Impacts of Surface Compositions on the In-Vitro Dissolution and Aerosolization of Co-Spray-Dried Composite Powder Formulations for Inhalation. <i>Pharmaceutical Research</i> , 2018 , 36, 6	4.5	13
56	Elucidating the Pharmacokinetics/Pharmacodynamics of Aerosolized Colistin against Multidrug-Resistant <i>Acinetobacter baumannii</i> and <i>Klebsiella pneumoniae</i> in a Mouse Lung Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	10
55	Mechanistic Insights From Global Metabolomics Studies into Synergistic Bactericidal Effect of a Polymyxin B Combination With Tamoxifen Against Cystic Fibrosis MDR. <i>Computational and Structural Biotechnology Journal</i> , 2018 , 16, 587-599	6.8	10
54	Dry powder inhaler formulations of poorly water-soluble itraconazole: A balance between in-vitro dissolution and in-vivo distribution is necessary. <i>International Journal of Pharmaceutics</i> , 2018 , 551, 103-110	6.5	8

53	Early effects of parathyroid hormone on vascularized bone regeneration and implant osseointegration in aged rats. <i>Biomaterials</i> , 2018 , 179, 15-28	15.6	41
52	Composite particle formulations of colistin and meropenem with improved in-vitro bacterial killing and aerosolization for inhalation. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 443-453	6.5	11
51	Stability of pharmaceutical salts in solid oral dosage forms. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1215-1228	3.6	28
50	Potential Toxicity of Polymyxins in Human Lung Epithelial Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	28
49	Pulmonary delivery of nanoparticle chemotherapy for the treatment of lung cancers: challenges and opportunities. <i>Acta Pharmacologica Sinica</i> , 2017 , 38, 782-797	8	117
48	Effects of Coating Materials and Processing Conditions on Flow Enhancement of Cohesive Acetaminophen Powders by High-Shear Processing With Pharmaceutical Lubricants. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 3022-3032	3.9	10
47	Aerosolized Polymyxin B for Treatment of Respiratory Tract Infections: Determination of Pharmacokinetic-Pharmacodynamic Indices for Aerosolized Polymyxin B against <i>Pseudomonas aeruginosa</i> in a Mouse Lung Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	21
46	Pharmacokinetics/Pharmacodynamics of Pulmonary Delivery of Colistin against <i>Pseudomonas aeruginosa</i> in a Mouse Lung Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	37
45	Role of PIM2 in allergic asthma. <i>Molecular Medicine Reports</i> , 2017 , 16, 7504-7512	2.9	8
44	Investigation of L-leucine in reducing the moisture-induced deterioration of spray-dried salbutamol sulfate powder for inhalation. <i>International Journal of Pharmaceutics</i> , 2017 , 530, 30-39	6.5	34
43	Pulmonary Pharmacokinetics of Colistin following Administration of Dry Powder Aerosols in Rats. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	11
42	Single-step Coprocessing of Cohesive Powder via Mechanical Dry Coating for Direct Tablet Compression. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 159-167	3.9	23
41	Combined toxicity of heavy metal mixtures in liver cells. <i>Journal of Applied Toxicology</i> , 2016 , 36, 1163-724.1	4.1	33
40	Understanding the Different Effects of Inhaler Design on the Aerosol Performance of Drug-Only and Carrier-Based DPI Formulations. Part 1: Grid Structure. <i>AAPS Journal</i> , 2016 , 18, 1159-1167	3.7	8
39	An "Unlikely" Pair: The Antimicrobial Synergy of Polymyxin B in Combination with the Cystic Fibrosis Transmembrane Conductance Regulator Drugs KALYDECO and ORKAMBI. <i>ACS Infectious Diseases</i> , 2016 , 2, 478-88	5.5	57
38	Investigation of the Changes in Aerosolization Behavior Between the Jet-Milled and Spray-Dried Colistin Powders Through Surface Energy Characterization. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 1156-63	3.9	20
37	Effects of Surface Composition on the Aerosolisation and Dissolution of Inhaled Antibiotic Combination Powders Consisting of Colistin and Rifampicin. <i>AAPS Journal</i> , 2016 , 18, 372-84	3.7	36
36	Human oligopeptide transporter 2 (PEPT2) mediates cellular uptake of polymyxins. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 403-12	5.1	40

35	Autophagy downregulation contributes to insulin resistance mediated injury in insulin receptor knockout podocytes in vitro. <i>PeerJ</i> , 2016 , 4, e1888	3.1	17
34	Pulmonary Delivery of Antibiotics for Respiratory Infections 2016 , 131-150		
33	How Much Surface Coating of Hydrophobic Azithromycin Is Sufficient to Prevent Moisture-Induced Decrease in Aerosolisation of Hygroscopic Amorphous Colistin Powder?. <i>AAPS Journal</i> , 2016 , 18, 1213-1224	3.7	34
32	Autophagy protects human podocytes from high glucose-induced injury by preventing insulin resistance. <i>Metabolism: Clinical and Experimental</i> , 2016 , 65, 1307-15	12.7	35
31	Inhalable dry powder formulations of siRNA and pH-responsive peptides with antiviral activity against H1N1 influenza virus. <i>Molecular Pharmaceutics</i> , 2015 , 12, 910-21	5.6	34
30	Influence of coating material on the flowability and dissolution of dry-coated fine ibuprofen powders. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 78, 264-72	5.1	25
29	Investigation of the potential for direct compaction of a fine ibuprofen powder dry-coated with magnesium stearate. <i>Drug Development and Industrial Pharmacy</i> , 2015 , 41, 825-37	3.6	26
28	De-agglomeration Effect of the US Pharmacopeia and Alberta Throats on Carrier-Based Powders in Commercial Inhalation Products. <i>AAPS Journal</i> , 2015 , 17, 1407-16	3.7	19
27	Association studies of SEPS1 gene polymorphisms with Hashimoto's thyroiditis in Han Chinese. <i>Journal of Human Genetics</i> , 2015 , 60, 427-33	4.3	8
26	Inhaled anti-infective chemotherapy for respiratory tract infections: successes, challenges and the road ahead. <i>Advanced Drug Delivery Reviews</i> , 2015 , 85, 65-82	18.5	62
25	Inhaled formulations and pulmonary drug delivery systems for respiratory infections. <i>Advanced Drug Delivery Reviews</i> , 2015 , 85, 83-99	18.5	148
24	NOVEL FORMULATIONS AND DRUG DELIVERY SYSTEMS FOR PHYTOTHERAPIES 2015 , 89-100		
23	Antidiabetic effects of flavonoids from <i>Sophora flavescens</i> EtOAc extract in type 2 diabetic KK-ay mice. <i>Journal of Ethnopharmacology</i> , 2015 , 171, 161-70	5	41
22	Novel Inhaled Combination Powder Containing Amorphous Colistin and Crystalline Rifampentine with Enhanced Antimicrobial Activities against Planktonic Cells and Biofilm of <i>Pseudomonas aeruginosa</i> for Respiratory Infections. <i>Molecular Pharmaceutics</i> , 2015 , 12, 2594-603	5.6	18
21	Powder Production and Particle Engineering for Dry Powder Inhaler Formulations. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3902-16	3.3	51
20	Particle Engineering Via Mechanical Dry Coating in the Design of Pharmaceutical Solid Dosage Forms. <i>Current Pharmaceutical Design</i> , 2015 , 21, 5802-14	3.3	16
19	Emerging inhalation aerosol devices and strategies: where are we headed?. <i>Advanced Drug Delivery Reviews</i> , 2014 , 75, 3-17	18.5	131
18	Synergistic antibiotic combination powders of colistin and rifampicin provide high aerosolization efficiency and moisture protection. <i>AAPS Journal</i> , 2014 , 16, 37-47	3.7	54

17	The associations between two vital GSTs genetic polymorphisms and lung cancer risk in the Chinese population: evidence from 71 studies. <i>PLoS ONE</i> , 2014 , 9, e102372	3.7	17
16	Chemical constituents from <i>Eucalyptus citriodora</i> Hook leaves and their glucose transporter 4 translocation activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 3096-9	2.9	25
15	Effect of surface coating with magnesium stearate via mechanical dry powder coating approach on the aerosol performance of micronized drug powders from dry powder inhalers. <i>AAPS PharmSciTech</i> , 2013 , 14, 38-44	3.9	43
14	Effect of device design on the aerosolization of a carrier-based dry powder inhaler--a case study on Aerolizer(□) Foradile (□). <i>AAPS Journal</i> , 2013 , 15, 511-22	3.7	45
13	Colistin powders with high aerosolisation efficiency for respiratory infection: preparation and in vitro evaluation. <i>Journal of Pharmaceutical Sciences</i> , 2013 , 102, 3736-47	3.9	42
12	Drug-lactose binding aspects in adhesive mixtures: controlling performance in dry powder inhaler formulations by altering lactose carrier surfaces. <i>Advanced Drug Delivery Reviews</i> , 2012 , 64, 275-84	18.5	77
11	Use of surface energy distributions by inverse gas chromatography to understand mechanofusion processing and functionality of lactose coated with magnesium stearate. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 43, 325-33	5.1	33
10	Characterization of the surface properties of a model pharmaceutical fine powder modified with a pharmaceutical lubricant to improve flow via a mechanical dry coating approach. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 3421-3430	3.9	65
9	Investigation of the extent of surface coating via mechanofusion with varying additive levels and the influences on bulk powder flow properties. <i>International Journal of Pharmaceutics</i> , 2011 , 413, 36-43	6.5	55
8	Effect of host particle size on the modification of powder flow behaviours for lactose monohydrate following dry coating. <i>Dairy Science and Technology</i> , 2010 , 90, 237-251		15
7	Understanding the influence of powder flowability, fluidization and de-agglomeration characteristics on the aerosolization of pharmaceutical model powders. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 40, 412-21	5.1	69
6	Improving powder flow properties of a cohesive lactose monohydrate powder by intensive mechanical dry coating. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 969-81	3.9	68
5	Improving aerosolization of drug powders by reducing powder intrinsic cohesion via a mechanical dry coating approach. <i>International Journal of Pharmaceutics</i> , 2010 , 394, 50-9	6.5	79
4	Analysis of the influence of relative humidity on the moisture sorption of particles and the aerosolization process in a dry powder inhaler. <i>Journal of Aerosol Science</i> , 2008 , 39, 510-524	4.3	41
3	Esophageal and gastric cardia epithelial cell proliferation in northern Chinese subjects living in a high-incidence area. <i>Journal of Cellular Biochemistry</i> , 1997 , 67, 159-165	4.7	14
2	p53 protein accumulation and gene mutations in multifocal esophageal precancerous lesions from symptom free subjects in a high incidence area for esophageal carcinoma in Henan, China. <i>Cancer</i> , 1996 , 77, 1244-1249	6.4	31
1	Changes in p53 and cyclin D1 protein levels and cell proliferation in different stages of human esophageal and gastric-cardia carcinogenesis. <i>International Journal of Cancer</i> , 1994 , 59, 514-9	7.5	80