

Qi Tony Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3084078/publications.pdf>

Version: 2024-02-01

133
papers

4,396
citations

87723

38
h-index

133063

59
g-index

136
all docs

136
docs citations

136
times ranked

3774
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhaled formulations and pulmonary drug delivery systems for respiratory infections. <i>Advanced Drug Delivery Reviews</i> , 2015, 85, 83-99.	6.6	198
2	Pulmonary delivery of nanoparticle chemotherapy for the treatment of lung cancers: challenges and opportunities. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 782-797.	2.8	196
3	Pharmaceutical amorphous solid dispersion: A review of manufacturing strategies. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2505-2536.	5.7	182
4	Rescuing the Last-Line Polymyxins: Achievements and Challenges. <i>Pharmacological Reviews</i> , 2021, 73, 679-728.	7.1	167
5	Emerging inhalation aerosol devices and strategies: Where are we headed?. <i>Advanced Drug Delivery Reviews</i> , 2014, 75, 3-17.	6.6	160
6	Improving aerosolization of drug powders by reducing powder intrinsic cohesion via a mechanical dry coating approach. <i>International Journal of Pharmaceutics</i> , 2010, 394, 50-59.	2.6	95
7	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, 275-284.	6.6	95
8	Physical stability of dry powder inhaler formulations. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 77-96.	2.4	89
9	Improving Powder Flow Properties of a Cohesive Lactose Monohydrate Powder by Intensive Mechanical Dry Coating. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 969-981.	1.6	88
10	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, 514-519.	2.3	84
11	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.	2.6	83
12	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, 412-421.	1.9	81
13	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, 478-488.	1.8	80
14	Inhaled anti-infective chemotherapy for respiratory tract infections: Successes, challenges and the road ahead. <i>Advanced Drug Delivery Reviews</i> , 2015, 85, 65-82.	6.6	75
15	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.	1.6	73
16	Synergistic Antibiotic Combination Powders of Colistin and Rifampicin Provide High Aerosolization Efficiency and Moisture Protection. <i>AAPS Journal</i> , 2014, 16, 37-47.	2.2	69
17	Powder Production and Particle Engineering for Dry Powder Inhaler Formulations. <i>Current Pharmaceutical Design</i> , 2015, 21, 3902-3916.	0.9	69
18	Early effects of parathyroid hormone on vascularized bone regeneration and implant osseointegration in aged rats. <i>Biomaterials</i> , 2018, 179, 15-28.	5.7	64

#	ARTICLE	IF	CITATIONS
19	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, 511-522.	2.2	62
20	Physico-Chemical Properties, Aerosolization and Dissolution of Co-Spray Dried Azithromycin Particles with L-Leucine for Inhalation. <i>Pharmaceutical Research</i> , 2018, 35, 28.	1.7	62
21	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.	2.6	61
22	Autophagy protects human podocytes from high glucose-induced injury by preventing insulin resistance. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1307-1315.	1.5	55
23	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.	1.5	53
24	Human oligopeptide transporter 2 (PEPT2) mediates cellular uptake of polymyxins. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 403-412.	1.3	52
25	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.	1.8	49
26	Colistin Powders with High Aerosolisation Efficiency for Respiratory Infection: Preparation and In Vitro Evaluation. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3736-3747.	1.6	49
27	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, 161-170.	2.0	48
28	Combined toxicity of heavy metal mixtures in liver cells. <i>Journal of Applied Toxicology</i> , 2016, 36, 1163-1172.	1.4	46
29	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.	2.6	46
30	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, .	1.4	45
31	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, 372-384.	2.2	43
32	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.	2.6	43
33	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, 325-333.	1.9	42
34	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.	2.2	42
35	Inhalable Dry Powder Formulations of siRNA and pH-Responsive Peptides with Antiviral Activity Against H1N1 Influenza Virus. <i>Molecular Pharmaceutics</i> , 2015, 12, 910-921.	2.3	41
36	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, .	1.4	41

#	ARTICLE	IF	CITATIONS
37	Stability of pharmaceutical salts in solid oral dosage forms. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1215-1228.	0.9	40
38	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.	2.0	39
39	Effects of Moisture-Induced Crystallization on the Aerosol Performance of Spray Dried Amorphous Ciprofloxacin Powder Formulations. <i>Pharmaceutical Research</i> , 2018, 35, 7.	1.7	39
40	Improved Physical Stability and Aerosolization of Inhalable Amorphous Ciprofloxacin Powder Formulations by Incorporating Synergistic Colistin. <i>Molecular Pharmaceutics</i> , 2018, 15, 4004-4020.	2.3	39
41	Influence of coating material on the flowability and dissolution of dry-coated fine ibuprofen powders. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 78, 264-272.	1.9	38
42	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.	1.7	37
43	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.	2.6	36
44	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, 3096-3099.	1.0	35
45	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, 825-837.	0.9	35
46	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.	2.6	35
47	Potential Toxicity of Polymyxins in Human Lung Epithelial Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	34
48	An enzyme-responsive membrane for antibiotic drug release and local periodontal treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 183, 110454.	2.5	34
49	Pharmaceutical protein solids: Drying technology, solid-state characterization and stability. <i>Advanced Drug Delivery Reviews</i> , 2021, 172, 211-233.	6.6	32
50	De-agglomeration Effect of the US Pharmacopeia and Alberta Throats on Carrier-Based Powders in Commercial Inhalation Products. <i>AAPS Journal</i> , 2015, 17, 1407-1416.	2.2	30
51	Single-step Coprocessing of Cohesive Powder via Mechanical Dry Coating for Direct Tablet Compression. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 159-167.	1.6	29
52	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.	1.7	29
53	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.	3.2	29
54	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, .	1.4	28

#	ARTICLE	IF	CITATIONS
55	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, 1156-1163.	1.6	27
56	Physical Stability and Dissolution of Lumefantrine Amorphous Solid Dispersions Produced by Spray Anti-Solvent Precipitation. <i>Journal of Pharmaceutical Sciences</i> , 2020, 110, 2423-2431.	1.6	26
57	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.	2.3	24
58	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.	0.8	24
59	Understanding the Impact of Protein-Excipient Interactions on Physical Stability of Spray-Dried Protein Solids. <i>Molecular Pharmaceutics</i> , 2021, 18, 2657-2668.	2.3	24
60	Novel Inhaled Combination Powder Containing Amorphous Colistin and Crystalline Rifapentine with Enhanced Antimicrobial Activities against Planktonic Cells and Biofilm of <i>Pseudomonas aeruginosa</i> for Respiratory Infections. <i>Molecular Pharmaceutics</i> , 2015, 12, 2594-2603.	2.3	23
61	Lipidomic Analysis of the Outer Membrane Vesicles from Paired Polymyxin-Susceptible and -Resistant <i>Klebsiella pneumoniae</i> Clinical Isolates. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2356.	1.8	23
62	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.	2.6	23
63	Particle Engineering Via Mechanical Dry Coating in the Design of Pharmaceutical Solid Dosage Forms. <i>Current Pharmaceutical Design</i> , 2015, 21, 5802-5814.	0.9	23
64	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.	2.6	22
65	Autophagy downregulation contributes to insulin resistance mediated injury in insulin receptor knockout podocytes <i>in vitro</i> . <i>PeerJ</i> , 2016, 4, e1888.	0.9	22
66	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.	1.1	20
67	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.	2.6	20
68	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.	1.8	20
69	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.	1.2	19
70	Mechanistic Insights From Global Metabolomics Studies into Synergistic Bactericidal Effect of a Polymyxin B Combination With Tamoxifen Against Cystic Fibrosis MDR <i>Pseudomonas aeruginosa</i> . <i>Computational and Structural Biotechnology Journal</i> , 2018, 16, 587-599.	1.9	19
71	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.	2.2	18
72	Amorphous solid dispersion formation via solvent granulation – A case study with ritonavir and lopinavir. <i>International Journal of Pharmaceutics: X</i> , 2019, 1, 100035.	1.2	18

#	ARTICLE	IF	CITATIONS
73	Inhalable Nanocomposite Microparticles with Enhanced Dissolution and Superior Aerosol Performance. <i>Molecular Pharmaceutics</i> , 2020, 17, 3270-3280.	2.3	18
74	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.	2.6	18
75	Synergistic Combination of Polymyxin B and Enrofloxacin Induced Metabolic Perturbations in Extensive Drug-Resistant <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Pharmacology</i> , 2019, 10, 1146.	1.6	17
76	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.	1.9	17
77	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.	1.2	17
78	Electrostatic spray drying for monoclonal antibody formulation. <i>International Journal of Pharmaceutics</i> , 2021, 607, 120942.	2.6	17
79	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, .	1.4	16
80	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.	2.0	16
81	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.	2.6	15
82	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.	2.2	14
83	Role of PIM2 in allergic asthma. <i>Molecular Medicine Reports</i> , 2017, 16, 7504-7512.	1.1	14
84	Pulmonary Pharmacokinetics of Colistin following Administration of Dry Powder Aerosols in Rats. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	14
85	rSjP40 protein promotes PPAR β expression in LX-2 cells through microRNA-27b. <i>FASEB Journal</i> , 2018, 32, 4798-4803.	0.2	14
86	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> , 2019, 36, 6.	1.7	14
87	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.	2.6	14
88	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.	1.6	13
89	Surface Composition and Formulation Heterogeneity of Protein Solids Produced by Spray Drying. <i>Pharmaceutical Research</i> , 2020, 37, 14.	1.7	13
90	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.	2.4	13

#	ARTICLE	IF	CITATIONS
91	Pharmacokinetics and pharmacodynamics of peptide antibiotics. <i>Advanced Drug Delivery Reviews</i> , 2022, 183, 114171.	6.6	13
92	Mechanism-Based Pharmacokinetic/Pharmacodynamic Modeling of Aerosolized Colistin in a Mouse Lung Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	12
93	Physicochemical and Pharmacokinetic Evaluation of Spray-Dried Coformulation of <i>Salvia miltiorrhiza</i> Polyphenolic Acid and L-Leucine with Improved Bioavailability. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2020, 33, 73-82.	0.7	12
94	Understanding Dynamics of Polymorphic Conversion during the Tableting Process Using <i>In Situ</i> Mechanical Raman Spectroscopy. <i>Molecular Pharmaceutics</i> , 2020, 17, 3043-3052.	2.3	12
95	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.	1.2	12
96	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, .	1.4	11
97	Intracellular localization of polymyxins in human alveolar epithelial cells. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 48-57.	1.3	11
98	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.	1.0	11
99	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.	2.6	11
100	Dry powder aerosol containing muco-inert particles for excipient enhanced growth pulmonary drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102262.	1.7	11
101	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.	1.1	11
102	Association studies of SEPS1 gene polymorphisms with Hashimoto's thyroiditis in Han Chinese. <i>Journal of Human Genetics</i> , 2015, 60, 427-433.	1.1	10
103	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.	1.9	10
104	Phylogeny and sex chromosome evolution of Palaeognathae. <i>Journal of Genetics and Genomics</i> , 2022, 49, 109-119.	1.7	10
105	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.	1.6	9
106	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.	1.1	8
107	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> , 2022, 29, S1-S7.	1.3	8
108	Formulation and Manufacturing of Solid Dosage Forms. <i>Pharmaceutical Research</i> , 2019, 36, 16.	1.7	7

#	ARTICLE	IF	CITATIONS
109	The Utility of the Fifth Edition of the BI-RADS Ultrasound Lexicon in Category 4 Breast Lesions: A Prospective Multicenter Study in China. <i>Academic Radiology</i> , 2022, 29, S26-S34.	1.3	7
110	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.	2.6	7
111	Clinically Relevant Concentrations of Polymyxin B and Meropenem Synergistically Kill Multidrug-Resistant <i>Pseudomonas aeruginosa</i> and Minimize Biofilm Formation. <i>Antibiotics</i> , 2021, 10, 405.	1.5	7
112	Effect of Buffer Salts on Physical Stability of Lyophilized and Spray-Dried Protein Formulations Containing Bovine Serum Albumin and Trehalose. <i>Pharmaceutical Research</i> , 2023, 40, 1355-1371.	1.7	7
113	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.	2.1	6
114	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, 622, 121859.	2.6	6
115	Identification of Potential Skin Sensitizers in Myrrh. <i>Cosmetics</i> , 2019, 6, 47.	1.5	5
116	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, .	1.4	5
117	Synchrotron-Based X-Ray Fluorescence Microscopy Reveals Accumulation of Polymyxins in Single Human Alveolar Epithelial Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	5
118	Effect of Storage Humidity on Physical Stability of Spray-Dried Naproxen Amorphous Solid Dispersions with Polyvinylpyrrolidone: Two Fluid Nozzle vs. Three Fluid Nozzle. <i>Pharmaceutics</i> , 2021, 13, 1074.	2.0	5
119	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.	1.7	4
120	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.	1.2	4
121	What the Microscale Systems See in Biological Assemblies: Cells and Viruses?. <i>Analytical Chemistry</i> , 2022, 94, 59-74.	3.2	4
122	Tableting process-induced solid-state polymorphic transition. <i>Journal of Pharmaceutical Investigation</i> , 2022, 52, 175-194.	2.7	4
123	A Comprehensive Review on <i>Pronephrium penangianum</i> . <i>Israel Journal of Chemistry</i> , 2019, 59, 371-377.	1.0	3
124	Flavonoid glycosides from the rhizomes of <i>Pronephrium penangianum</i> . <i>Phytochemistry</i> , 2020, 179, 112500.	1.4	3
125	Polymyxin-Induced Metabolic Perturbations in Human Lung Epithelial Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0083521.	1.4	3
126	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, .	1.4	2

#	ARTICLE	IF	CITATIONS
127	Can ultrasound elastography help better manage mammographic BI-RADS category 4 breast lesions?. Clinical Breast Cancer, 2021, , .	1.1	2
128	The Ancient and Evolved Mouse Sperm-Associated Antigen 6 Genes Have Different Biologic Functions In Vivo. Cells, 2022, 11, 336.	1.8	1
129	Editorial (Thematic Issue: Advances in Particle Engineering and Powder Technology for) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 56	0.9	0
130	Sorting nexinâ€5 is not required for normal spermatogenesis and male fertilization in mice. Molecular Reproduction and Development, 2020, 87, 1202-1205.	1.0	0
131	Advances in solid formulation of pharmaceutical biologics. Advanced Drug Delivery Reviews, 2021, 175, 113827.	6.6	0
132	Pulmonary Delivery of Antibiotics for Respiratory Infections. , 2016, , 131-150.		0
133	Polymyxin Induces Significant Transcriptomic Perturbations of Cellular Signalling Networks in Human Lung Epithelial Cells. Antibiotics, 2022, 11, 307.	1.5	0