

# Philip Chi Lip Kwok

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

2,341  
citations

159585

30  
h-index

233421

45  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Production methods for nanodrug particles using the bottom-up approach. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 406-416.	13.7	351
2	Influence of Humidity on the Electrostatic Charge and Aerosol Performance of Dry Powder Inhaler Carrier based Systems. <i>Pharmaceutical Research</i> , 2007, 24, 963-970.	3.5	103
3	Pharmacokinetic and pharmacodynamic study of intranasal and intravenous dexmedetomidine. <i>British Journal of Anaesthesia</i> , 2018, 120, 960-968.	3.4	94
4	Enhanced dissolution of inhalable cyclosporine nano-matrix particles with mannitol as matrix former. <i>International Journal of Pharmaceutics</i> , 2011, 420, 34-42.	5.2	67
5	Electrostatic charge characteristics of aerosols produced from metered dose inhalers. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 2789-2799.	3.3	65
6	Effect of Relative Humidity on the Electrostatic Charge Properties of Dry Powder Inhaler Aerosols. <i>Pharmaceutical Research</i> , 2008, 25, 277-288.	3.5	63
7	Constant size, variable density aerosol particles by ultrasonic spray freeze drying. <i>International Journal of Pharmaceutics</i> , 2012, 427, 185-191.	5.2	63
8	Aerosol Delivery of Nanoparticles in Uniform Mannitol Carriers Formulated by Ultrasonic Spray Freeze Drying. <i>Pharmaceutical Research</i> , 2013, 30, 2891-2901.	3.5	55
9	Pharmaceutical Applications of 3D Printing. <i>Additive Manufacturing</i> , 2020, 34, 101209.	3.0	52
10	Electrostatics in pharmaceutical solids. <i>Chemical Engineering Science</i> , 2015, 125, 225-237.	3.8	50
11	Inhaled powder formulation of naked siRNA using spray drying technology with I-leucine as dispersion enhancer. <i>International Journal of Pharmaceutics</i> , 2017, 530, 40-52.	5.2	50
12	Lactose Composite Carriers for Respiratory Delivery. <i>Pharmaceutical Research</i> , 2009, 26, 802-810.	3.5	49
13	Formulation of pH responsive peptides as inhalable dry powders for pulmonary delivery of nucleic acids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 64-73.	4.3	49
14	Spray freeze drying of small nucleic acids as inhaled powder for pulmonary delivery. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018, 13, 163-172.	9.1	48
15	Advances and future perspectives in epithelial drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2022, 186, 114293.	13.7	43
16	Porous and highly dispersible voriconazole dry powders produced by spray freeze drying for pulmonary delivery with efficient lung deposition. <i>International Journal of Pharmaceutics</i> , 2019, 560, 144-154.	5.2	42
17	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.	4.6	41
18	Delivery of inhalation drugs to children for asthma and other respiratory diseases. <i>Advanced Drug Delivery Reviews</i> , 2014, 73, 83-88.	13.7	38

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19	Oleanolic Acid Loaded PEGylated PLA and PLGA Nanoparticles with Enhanced Cytotoxic Activity against Cancer Cells. <i>Molecular Pharmaceutics</i> , 2015, 12, 2112-2125.	4.6	38
20	Using two-fluid nozzle for spray freeze drying to produce porous powder formulation of naked siRNA for inhalation. <i>International Journal of Pharmaceutics</i> , 2018, 552, 67-75.	5.2	38
21	Inhalable spray-dried formulation of D-LAK antimicrobial peptides targeting tuberculosis. <i>International Journal of Pharmaceutics</i> , 2015, 491, 367-374.	5.2	37
22	Bioactive proteins and peptides isolated from Chinese medicines with pharmaceutical potential. <i>Chinese Medicine</i> , 2014, 9, 19.	4.0	36
23	Cocrystal Engineering of Itraconazole with Suberic Acid via Rotary Evaporation and Spray Drying. <i>Crystal Growth and Design</i> , 2019, 19, 2736-2745.	3.0	36
24	Nanotechnology Versus other Techniques in Improving Drug Dissolution. <i>Current Pharmaceutical Design</i> , 2014, 20, 474-482.	1.9	36
25	Formation of Protein Nano-Matrix Particles with Controlled Surface Architecture for Respiratory Drug Delivery. <i>Pharmaceutical Research</i> , 2011, 28, 788-796.	3.5	35
26	Inhalable bacteriophage powders: Glass transition temperature and bioactivity stabilization. <i>Bioengineering and Translational Medicine</i> , 2020, 5, e10159.	7.1	35
27	Osteoblasts on Rod Shaped Hydroxyapatite Nanoparticles Incorporated PCL Film Provide an Optimal Osteogenic Niche for Stem Cell Differentiation. <i>Tissue Engineering - Part A</i> , 2011, 17, 1651-1661.	3.1	33
28	Electrostatics in pharmaceutical aerosols for inhalation. <i>Therapeutic Delivery</i> , 2013, 4, 981-1002.	2.2	33
29	Can low-dose combination products for inhalation be formulated in single crystalline particles?. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 40, 16-24.	4.0	32
30	Electrostatics of pharmaceutical inhalation aerosols. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 1587-1599.	2.4	30
31	Pharmacokinetics and pharmacodynamics of dexmedetomidine. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 1917-1927.	2.0	29
32	A review on recent technologies for the manufacture of pulmonary drugs. <i>Therapeutic Delivery</i> , 2018, 9, 47-70.	2.2	29
33	Converting nanosuspension into inhalable and redispersible nanoparticles by combined in-situ thermal gelation and spray drying. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 149, 238-247.	4.3	28
34	Effect of spacers on the electrostatic charge properties of metered dose inhaler aerosols. <i>Journal of Aerosol Science</i> , 2006, 37, 1671-1682.	3.8	27
35	Effect of Crystallinity on Electrostatic Charging in Dry Powder Inhaler Formulations. <i>Pharmaceutical Research</i> , 2014, 31, 1656-1664.	3.5	26
36	Electrostatic Charge Characteristics of Jet Nebulized Aerosols. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2010, 23, 149-159.	1.4	24

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37	Phage-antibiotic Therapy as a Promising Strategy to Combat Multidrug-Resistant Infections and to Enhance Antimicrobial Efficiency. <i>Antibiotics</i> , 2022, 11, 570.	3.7	24
38	Does electrostatic charge affect powder aerosolisation?. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2455-2461.	3.3	23
39	Effect of formulation and inhaler parameters on the dispersion of spray freeze dried voriconazole particles. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119444.	5.2	23
40	Effect of moisture on the electrostatic charge properties of metered dose inhaler aerosols. <i>Journal of Aerosol Science</i> , 2008, 39, 211-226.	3.8	22
41	Does the United States Pharmacopeia Throat Introduce De-agglomeration of Carrier-Free Powder from Inhalers?. <i>Pharmaceutical Research</i> , 2012, 29, 1797-1807.	3.5	22
42	Cough as an adverse effect on inhalation pharmaceutical products. <i>British Journal of Pharmacology</i> , 2020, 177, 4096-4112.	5.4	19
43	Integrated Continuous Plug-Flow Crystallization and Spray Drying of Pharmaceuticals for Dry Powder Inhalation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 16843-16857.	3.7	17
44	High siRNA loading powder for inhalation prepared by co-spray drying with human serum albumin. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118818.	5.2	16
45	Inhalable Hydroxychloroquine Powders for Potential Treatment of COVID-19. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2021, 34, 20-31.	1.4	16
46	Measuring Bipolar Charge and Mass Distributions of Powder Aerosols by a Novel Tool (BOLAR). <i>Molecular Pharmaceutics</i> , 2015, 12, 3433-3440.	4.6	15
47	A phospholipid-based formulation for the treatment of airway inflammation in chronic respiratory diseases. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 157, 47-58.	4.3	15
48	Mannitol Delivery by Vibrating Mesh Nebulisation for Enhancing Mucociliary Clearance. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 2693-2702.	3.3	13
49	In vitro-in vivo correlation of cascade impactor data for orally inhaled pharmaceutical aerosols. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113952.	13.7	13
50	Electrostatics of pharmaceutical inhalation aerosols. <i>Journal of Pharmacy and Pharmacology</i> , 2009, 61, 1587-1599.	2.4	13
51	Delivery of High Solubility Polyols by Vibrating Mesh Nebulizer to Enhance Mucociliary Clearance. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2012, 25, 297-305.	1.4	12
52	The Comparison of the Effect of Oat and Shiitake Mushroom Powder to Prevent Body Weight Gain in Rats Fed High Fat Diet. <i>Food and Nutrition Sciences (Print)</i> , 2012, 03, 1009-1019.	0.4	12
53	A 3D printed human upper respiratory tract model for particulate deposition profiling. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120307.	5.2	12
54	Spray drying lactose from organic solvent suspensions for aerosol delivery to the lungs. <i>International Journal of Pharmaceutics</i> , 2020, 591, 119984.	5.2	11

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55	Nebulised Isotonic Hydroxychloroquine Aerosols for Potential Treatment of COVID-19. <i>Pharmaceutics</i> , 2021, 13, 1260.	4.5	11
56	Studies of Radioaerosol Deposition in the Respiratory Tract. <i>Seminars in Nuclear Medicine</i> , 2019, 49, 62-70.	4.6	10
57	Pulmonary Delivery of Peptides and Proteins. , 2011, , 23-46.		9
58	The production of dry powder by the sonocrystallisation for inhalation drug delivery. <i>Powder Technology</i> , 2013, 246, 337-344.	4.2	9
59	In vivo deposition study of a new generation nebuliser utilising hybrid resonant acoustic (HYDRA) technology. <i>International Journal of Pharmaceutics</i> , 2020, 580, 119196.	5.2	9
60	Effect of Spacers on the Bipolar Electrostatic Charge Properties of Metered Dose Inhaler Aerosols—A Case Study With Tilade®. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1553-1559.	3.3	8
61	Predicting the composition and size distribution of dry particles for aerosols and sprays of suspension: A Monte Carlo approach. <i>International Journal of Pharmaceutics</i> , 2020, 582, 119311.	5.2	8
62	Electrostatics of Pharmaceutical Aerosols for Pulmonary Delivery. <i>Current Pharmaceutical Design</i> , 2015, 21, 3945-3954.	1.9	8
63	Evaluation of the Correlation between Focal Adhesion Kinase Phosphorylation and Cell Adhesion Force Using DEP Technology. <i>Sensors</i> , 2012, 12, 5951-5965.	3.8	7
64	Spray-Dried Powder Formulation of Capreomycin Designed for Inhaled Tuberculosis Therapy. <i>Pharmaceutics</i> , 2021, 13, 2044.	4.5	7
65	Pulmonary drug delivery. <i>Therapeutic Delivery</i> , 2013, 4, 877-878.	2.2	6
66	Bipolar electrostatic charge and mass distributions of powder aerosols— Effects of inhaler design and inhaler material. <i>Journal of Aerosol Science</i> , 2016, 95, 104-117.	3.8	6
67	Co-spray dried hydrophobic drug formulations with crystalline lactose for inhalation aerosol delivery. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120608.	5.2	6
68	Administration of dry powders during respiratory supports. <i>Annals of Translational Medicine</i> , 2021, 9, 596-596.	1.7	4
69	Particle sizes of talc for pleurodesis available in Australia. <i>Internal Medicine Journal</i> , 2010, 40, 316-318.	0.8	2
70	Pharmaceutical aerosol electrostatics: a field with much potential for development. <i>Therapeutic Delivery</i> , 2015, 6, 105-107.	2.2	2
71	Spray-Dried Particles of Nitric Oxide-Modified Glutathione for the Treatment of Chronic Lung Infection. <i>Molecular Pharmaceutics</i> , 2019, 16, 1723-1731.	4.6	2
72	Generation and characterization of electrostatically charged radiolabelled aerosols for lung scintigraphy. <i>Aerosol Science and Technology</i> , 2021, 55, 640-652.	3.1	2

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73	Advances in Inhalation Drug Delivery. Current Pharmaceutical Design, 2021, 27, 1435-1435.	1.9	1
74	Recent advances in drug delivery to the central nervous system by inhalation. Expert Opinion on Drug Delivery, 2022, , .	5.0	1
75	In vitro-in vivo correlation of pharmaceutical aerosols. Advanced Drug Delivery Reviews, 2021, 179, 114025.	13.7	0