

# Paul M Young

## 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.

249  
papers

5,789  
citations

41  
h-index

59  
g-index

259  
ext. papers

6,579  
ext. citations

5  
avg, IF

5.92  
L-index

#	Paper	IF	Citations
249	Prospective nanoparticle treatments for lymphangioleiomyomatosis.. <i>Expert Opinion on Drug Delivery</i> , <b>2022</b> , 1-12	8	1
248	Combining experimental and computational techniques to understand and improve dry powder inhalers.. <i>Expert Opinion on Drug Delivery</i> , <b>2022</b> ,	8	1
247	An adaptable microreactor to investigate the influence of interfaces on <i>Pseudomonas aeruginosa</i> biofilm growth.. <i>Applied Microbiology and Biotechnology</i> , <b>2022</b> , 1	5.7	0
246	Toxicity of curcumin nanoparticles towards alveolar macrophage: Effects of surface charges.. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 163, 112976	4.7	2
245	Investigating Potential TRPV1 Positive Feedback to Explain TRPV1 Upregulation in Airway Disease States.. <i>Drug Development and Industrial Pharmacy</i> , <b>2022</b> , 1-42	3.6	
244	Development and in vitro characterization of a novel pMDI diclofenac formulation as an inhalable anti-inflammatory therapy for cystic fibrosis. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 596, 120319	6.5	1
243	Increasing the fine particle fraction of pressurised metered dose inhaler solutions with novel actuator shapes. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 597, 120341	6.5	1
242	Tobramycin and Colistin display anti-inflammatory properties in CuFi-1 cystic fibrosis cell line. <i>European Journal of Pharmacology</i> , <b>2021</b> , 902, 174098	5.3	0
241	In-vitro and particle image velocimetry studies of dry powder inhalers. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 592, 119966	6.5	7
240	Real-time quantitative monitoring of nasal drug delivery by a nasal epithelial mucosa-on-a-chip model. <i>Expert Opinion on Drug Delivery</i> , <b>2021</b> , 18, 803-818	8	5
239	On the Use of Computational Fluid Dynamics (CFD) Modelling to Design Improved Dry Powder Inhalers. <i>Pharmaceutical Research</i> , <b>2021</b> , 38, 277-288	4.5	2
238	Simulation of respiratory tract lining fluid for in vitro dissolution study. <i>Expert Opinion on Drug Delivery</i> , <b>2021</b> , 18, 1091-1100	8	0
237	How Do Mechanics Guide Fibroblast Activity? Complex Disruptions during Emphysema Shape Cellular Responses and Limit Research. <i>Bioengineering</i> , <b>2021</b> , 8,	5.3	1
236	Using individualized three-dimensional printed airway models to guide airway stent implantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , <b>2020</b> , 31, 900-903	1.8	1
235	Effect of continuous positive airway pressure treatment on permeability, inflammation and mucus production of human epithelial cells. <i>ERJ Open Research</i> , <b>2020</b> , 6,	3.5	3
234	Delivery of pDNA to lung epithelial cells using PLGA nanoparticles formulated with a cell-penetrating peptide: understanding the intracellular fate. <i>Drug Development and Industrial Pharmacy</i> , <b>2020</b> , 46, 427-442	3.6	6
233	A Review of Respiratory Anatomical Development, Air Flow Characterization and Particle Deposition. <i>International Journal of Environmental Research and Public Health</i> , <b>2020</b> , 17,	4.6	40

232	Development and Evaluation of Paclitaxel and Curcumin Dry Powder for Inhalation Lung Cancer Treatment. <i>Pharmaceutics</i> , <b>2020</b> , 13,	6.4	8
231	Inhaled rapamycin solid lipid nano particles for the treatment of Lymphangioliomyomatosis. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 142, 105098	5.1	11
230	Selective shape-change response by anisotropic endoskeletal droplets. <i>Extreme Mechanics Letters</i> , <b>2020</b> , 35, 100618	3.9	1
229	An in vitro model for assessing drug transport in cystic fibrosis treatment: Characterisation of the CuFi-1 cell line. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 156, 121-130	5.7	5
228	Properties of rapamycin solid lipid nanoparticles for lymphatic access through the lungs & part I: the effect of size. <i>Nanomedicine</i> , <b>2020</b> , 15, 1927-1945	5.6	2
227	Nasal Powder Formulation of Tranexamic Acid and Hyaluronic Acid for the Treatment of Epistaxis. <i>Pharmaceutical Research</i> , <b>2020</b> , 37, 186	4.5	2
226	Paclitaxel-eluting silicone airway stent for preventing granulation tissue growth and lung cancer relapse in central airway pathologies. <i>Expert Opinion on Drug Delivery</i> , <b>2020</b> , 17, 1631-1645	8	3
225	Properties of rapamycin solid lipid nanoparticles for lymphatic access through the lungs & part II: the effect of nanoparticle charge. <i>Nanomedicine</i> , <b>2020</b> , 15, 1947-1963	5.6	5
224	Application of a Thermosensitive In Situ Gel of Chitosan-Based Nasal Spray Loaded with Tranexamic Acid for Localised Treatment of Nasal Wounds. <i>AAPS PharmSciTech</i> , <b>2019</b> , 20, 299	3.9	17
223	Simvastatin Nanoparticles Reduce Inflammation in LPS-Stimulated Alveolar Macrophages. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 3890-3897	3.9	5
222	Assessing Aerosol Performance of a Dry Powder Carrier Formulation with Increasing Doses Using a Novel Inhaler. <i>AAPS PharmSciTech</i> , <b>2019</b> , 20, 94	3.9	5
221	Human Stimulus Factor Is a Promising Peptide for Delivery of Therapeutics. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 1401-1403	3.9	2
220	Drug distribution transients in solution and suspension-based pressurised metered dose inhaler sprays. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 566, 463-475	6.5	3
219	Smart thermosensitive chitosan hydrogel for nasal delivery of ibuprofen to treat neurological disorders. <i>Expert Opinion on Drug Delivery</i> , <b>2019</b> , 16, 453-466	8	37
218	Strategies to Enhance Drug Absorption via Nasal and Pulmonary Routes. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	87
217	Saturated fatty acids, obesity, and the nucleotide oligomerization domain-like receptor protein 3 (NLRP3) inflammasome in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 305-315	11.5	47
216	Co-Spray-Dried Urea Cross-Linked Hyaluronic Acid and Sodium Ascorbyl Phosphate as Novel Inhalable Dry Powder Formulation. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 2964-2971	3.9	6
215	An automated segmentation framework for nasal computational fluid dynamics analysis in computed tomography. <i>Computers in Biology and Medicine</i> , <b>2019</b> , 115, 103505	7	5

214	Euler-Lagrange approach to investigate respiratory anatomical shape effects on aerosol particle transport and deposition. <i>Toxicology Research and Application</i> , <b>2019</b> , 3, 239784731989467	0.8	15
213	The utility of 3D-printed airway stents to improve treatment strategies for central airway obstructions. <i>Drug Development and Industrial Pharmacy</i> , <b>2019</b> , 45, 1-10	3.6	22
212	Effect of Dosing Cup Size on the Aerosol Performance of High-Dose Carrier-Based Formulations in a Novel Dry Powder Inhaler. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 949-959	3.9	3
211	In vitro characterization of physico-chemical properties, cytotoxicity, bioactivity of urea-crosslinked hyaluronic acid and sodium ascorbyl phosphate nasal powder formulation. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 558, 341-350	6.5	5
210	Limitations of high dose carrier based formulations. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 544, 141-152	6.5	11
209	The use of fatty acids as absorption enhancer for pulmonary drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 541, 93-100	6.5	15
208	Microfluidic production of endoskeleton droplets with controlled size and shape. <i>Powder Technology</i> , <b>2018</b> , 329, 129-136	5.2	11
207	Sweetening Inhaled Antibiotic Treatment for Eradication of Chronic Respiratory Biofilm Infection. <i>Pharmaceutical Research</i> , <b>2018</b> , 35, 50	4.5	10
206	Combination of urea-crosslinked hyaluronic acid and sodium ascorbyl phosphate for the treatment of inflammatory lung diseases: An in vitro study. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 120, 96-106	5.1	13
205	Repurposing of statins via inhalation to treat lung inflammatory conditions. <i>Advanced Drug Delivery Reviews</i> , <b>2018</b> , 133, 93-106	18.5	16
204	The Development and Validation of an In Vitro Airway Model to Assess Realistic Airway Deposition and Drug Permeation Behavior of Orally Inhaled Products Across Synthetic Membranes. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2018</b> , 31, 103-108	3.8	2
203	Delivery of pDNA Polyplexes to Bronchial and Alveolar Epithelial Cells Using a Mesh Nebulizer. <i>Pharmaceutical Research</i> , <b>2018</b> , 36, 14	4.5	1
202	Is there a role for inhaled anti-inflammatory drugs in cystic fibrosis treatment?. <i>Expert Opinion on Orphan Drugs</i> , <b>2018</b> , 6, 69-84	1.1	2
201	A Simple and Rapid Method for Deposition and Measurement of Drug Transport Across Air Interface Respiratory Epithelia. <i>AAPS PharmSciTech</i> , <b>2018</b> , 19, 3272-3276	3.9	2
200	The potential to treat lung cancer via inhalation of repurposed drugs. <i>Advanced Drug Delivery Reviews</i> , <b>2018</b> , 133, 107-130	18.5	39
199	Dosing challenges in respiratory therapies. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 548, 659-671	6.5	14
198	High-Speed Laser Image Analysis of Plume Angles for Pressurised Metered Dose Inhalers: The Effect of Nozzle Geometry. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 782-789	3.9	11
197	Investigation into the Manufacture and Properties of Inhalable High-Dose Dry Powders Produced by Comilling API and Lactose with Magnesium Stearate. <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 2248-2259	3.9	4

196	Co-milled API-lactose systems for inhalation therapy: impact of magnesium stearate on physico-chemical stability and aerosolization performance. <i>Drug Development and Industrial Pharmacy</i> , <b>2017</b> , 43, 980-988	3.6	14
195	Allergic environment enhances airway epithelial pro-inflammatory responses to rhinovirus infection. <i>Clinical Science</i> , <b>2017</b> , 131, 499-509	6.5	14
194	Development of a Soluplus budesonide freeze-dried powder for nasal drug delivery. <i>Drug Development and Industrial Pharmacy</i> , <b>2017</b> , 43, 1510-1518	3.6	16
193	The effect of non-specific tight junction modulators on the transepithelial transport of poorly permeable drugs across airway epithelial cells. <i>Journal of Drug Targeting</i> , <b>2017</b> , 25, 342-349	5.4	4
192	A review of co-milling techniques for the production of high dose dry powder inhaler formulation. <i>Drug Development and Industrial Pharmacy</i> , <b>2017</b> , 43, 1229-1238	3.6	16
191	Revealing pMDI Spray Initial Conditions: Flashing, Atomisation and the Effect of Ethanol. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 718-729	4.5	10
190	The Development and Achievement of Polymeric Nanoparticles for Cancer Drug Treatment <b>2017</b> , 25-82		1
189	Inhaled simvastatin nanoparticles for inflammatory lung disease. <i>Nanomedicine</i> , <b>2017</b> , 12, 2471-2485	5.6	8
188	The achievement of ligand-functionalized organic/polymeric nanoparticles for treating multidrug resistant cancer. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 937-957	8	20
187	Inhaled gene delivery: a formulation and delivery approach. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 319-330	8	24
186	Drug Release from Inert Spherical Matrix Systems Using Monte Carlo Simulations. <i>Current Drug Delivery</i> , <b>2017</b> , 14, 65-72	3.2	6
185	Motivations and Key Features for a Wearable Device for Continuous Monitoring of Breathing: A Web-Based Survey. <i>JMIR Biomedical Engineering</i> , <b>2017</b> , 2, e1	1.3	11
184	Novel nano-cellulose excipient for generating non-Newtonian droplets for targeted nasal drug delivery. <i>Drug Development and Industrial Pharmacy</i> , <b>2017</b> , 43, 1729-1733	3.6	4
183	Curcumin Nanoparticles Attenuate Production of Pro-inflammatory Markers in Lipopolysaccharide-Induced Macrophages. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 315-27	4.5	10
182	Biological Effects of Simvastatin Formulated as pMDI on Pulmonary Epithelial Cells. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 92-101	4.5	15
181	Application of RPMI 2650 nasal cell model to a 3D printed apparatus for the testing of drug deposition and permeation of nasal products. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2016</b> , 107, 223-33	5.7	36
180	A locally constrained statistical shape model for robust nasal cavity segmentation in computed tomography <b>2016</b> ,		6
179	Synthesis and Characterization of Inhalable Flavonoid Nanoparticle for Lung Cancer Cell Targeting. <i>Journal of Biomedical Nanotechnology</i> , <b>2016</b> , 12, 371-86	4	27

178	Effect of polyunsaturated fatty acids (PUFAs) on airway epithelial cellsStight junction. <i>Pulmonary Pharmacology and Therapeutics</i> , <b>2016</b> , 40, 30-8	3.5	8
177	Resveratrol solid lipid microparticles as dry powder formulation for nasal delivery, characterization and in vitro deposition study. <i>Journal of Microencapsulation</i> , <b>2016</b> , 33, 735-742	3.4	11
176	From single excipients to dual excipient platforms in dry powder inhaler products. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 514, 374-383	6.5	22
175	Could simvastatin be considered as a potential therapy for chronic lung diseases? A debate on the pros and cons. <i>Expert Opinion on Drug Delivery</i> , <b>2016</b> , 13, 1407-20	8	10
174	Primary Air-Liquid Interface Culture of Nasal Epithelium for Nasal Drug Delivery. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 2242-52	5.6	24
173	Highly respirable dry powder inhalable formulation of voriconazole with enhanced pulmonary bioavailability. <i>Expert Opinion on Drug Delivery</i> , <b>2016</b> , 13, 183-93	8	22
172	Antibiotic transport across bronchial epithelial cells: Effects of molecular weight, LogP and apparent permeability. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 83, 45-51	5.1	11
171	Knowledge that people with intellectual disabilities have of their inhaled asthma medications: messages for pharmacists. <i>International Journal of Clinical Pharmacy</i> , <b>2016</b> , 38, 135-43	2.3	14
170	Insights into Spray Development from Metered-Dose Inhalers Through Quantitative X-ray Radiography. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 1249-58	4.5	6
169	The ability of people with intellectual disability to use inhalers--an exploratory mixed methods study. <i>Journal of Asthma</i> , <b>2016</b> , 53, 86-93	1.9	6
168	Co-spray dried resveratrol and budesonide inhalation formulation for reducing inflammation and oxidative stress in rat alveolar macrophages. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 86, 20-8	5.1	28
167	Dry powder nasal drug delivery: challenges, opportunities and a study of the commercial Teijin Puvlizer Rhinocort device and formulation. <i>Drug Development and Industrial Pharmacy</i> , <b>2016</b> , 42, 1660-8	3.6	22
166	Combination of Silver Nanoparticles and Curcumin Nanoparticles for Enhanced Anti-biofilm Activities. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 2513-22	5.7	107
165	Temporally and Spatially Resolved x-ray Fluorescence Measurements of in-situ Drug Concentration in Metered-Dose Inhaler Sprays. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 816-25	4.5	9
164	Cell-based therapies for the treatment of idiopathic pulmonary fibrosis (IPF) disease. <i>Expert Opinion on Biological Therapy</i> , <b>2016</b> , 16, 375-87	5.4	21
163	Exploring the impact of sample flowrate on in vitro measurements of metered dose inhaler performance. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 514, 420-427	6.5	3
162	An investigation of surface properties, local elastic modulus and interaction with simulated pulmonary surfactant of surface modified inhalable voriconazole dry powders using atomic force microscopy. <i>RSC Advances</i> , <b>2016</b> , 6, 25789-25798	3.7	11
161	The development of a single-use, capsule-free multi-breath tobramycin dry powder inhaler for the treatment of cystic fibrosis. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 514, 392-398	6.5	16

160	Evolved gas analysis during thermal degradation of salbutamol sulphate. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2015</b> , 120, 789-794	4.1	3
159	Mono- and Cocultures of Bronchial and Alveolar Epithelial Cells Respond Differently to Proinflammatory Stimuli and Their Modulation by Salbutamol and Budesonide. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 2625-32	5.6	9
158	In vitro biological activity of resveratrol using a novel inhalable resveratrol spray-dried formulation. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 491, 190-7	6.5	22
157	Determination of physical and chemical stability in pressurised metered dose inhalers: potential new techniques. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 1661-75	8	5
156	Is the cellular uptake of respiratory aerosols delivered from different devices equivalent?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 93, 320-7	5.7	15
155	Development of an inhaled controlled release voriconazole dry powder formulation for the treatment of respiratory fungal infection. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 2001-9	5.6	31
154	Immunomodulatory effects of a low-dose clarithromycin-based macrolide solution pressurised metered dose inhaler. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 2144-53	4.5	9
153	The Effect of Active Pharmaceutical Ingredients on Aerosol Electrostatic Charges from Pressurized Metered Dose Inhalers. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 2928-36	4.5	4
152	Tuning aerosol performance using the multibreath Orbital <sup>®</sup> dry powder inhaler device: controlling delivery parameters and aerosol performance via modification of puck orifice geometry. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 2169-76	3.9	11
151	Nano- and micro-based inhaled drug delivery systems for targeting alveolar macrophages. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 1009-26	8	88
150	Inhalation of nanoparticle-based drug for lung cancer treatment: Advantages and challenges. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 10, 481-489	9	98
149	Delivery of theophylline as dry powder for inhalation. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 10, 520-527	9	12
148	Solid lipid microparticles as an approach to drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 583-89		57
147	Multi-breath dry powder inhaler for delivery of cohesive powders in the treatment of bronchiectasis. <i>Drug Development and Industrial Pharmacy</i> , <b>2015</b> , 41, 859-65	3.6	19
146	Aerosol particle generation from solution-based pressurized metered dose inhalers: a technical overview of parameters that influence respiratory deposition. <i>Pharmaceutical Development and Technology</i> , <b>2015</b> , 20, 897-910	3.4	11
145	The effect of actuator nozzle designs on the electrostatic charge generated in pressurised metered dose inhaler aerosols. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 1237-48	4.5	3
144	Dry powder formulation of simvastatin. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 857-68	8	17
143	The role of direct support professionals in asthma management. <i>Journal of Intellectual and Developmental Disability</i> , <b>2015</b> , 40, 342-353	1.9	11

142	Unique location but similar issues: working with health professionals in correctional services to improve inhaler use. <i>Journal of Pharmacy Practice and Research</i> , <b>2015</b> , 45, 276-281	0.7	
141	The effects of loaded carrier mass and formulation mass on aerosolization efficiency in dry powder inhaler devices. <i>Current Drug Delivery</i> , <b>2015</b> , 12, 40-6	3.2	1
140	The formulation of a pressurized metered dose inhaler containing theophylline for inhalation. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 76, 68-72	5.1	13
139	Inhalable tranexamic acid for haemoptysis treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 93, 311-9	5.7	11
138	Beating cilia identification in fluorescence microscope images for accurate CBF measurement <b>2015</b> ,		1
137	The Formation of Aerosol Particles from Solution-Based Pressurized Metered Dose Inhalers and Implications of Incomplete Droplet Drying: Theoretical and Experimental Comparison. <i>Aerosol Science and Technology</i> , <b>2015</b> , 49, 1090-1099	3.4	3
136	Murine pharmacokinetics of rifapentine delivered as an inhalable dry powder. <i>International Journal of Antimicrobial Agents</i> , <b>2015</b> , 45, 319-23	14.3	8
135	A Soft spotSfor drug transport: modulation of cell stiffness using fatty acids and its impact on drug transport in lung model. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 2583-2589	7.3	12
134	Implications and emerging control strategies for ventilator-associated infections. <i>Expert Review of Anti-Infective Therapy</i> , <b>2015</b> , 13, 379-93	5.5	9
133	Motion Representation of Ciliated Cell Images with Contour-Alignment for Automated CBF Estimation. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 300-307	0.9	
132	Combined inhaled salbutamol and mannitol therapy for mucus hyper-secretion in pulmonary diseases. <i>AAPS Journal</i> , <b>2014</b> , 16, 269-80	3.7	21
131	In vitro cell integrated impactor deposition methodology for the study of aerodynamically relevant size fractions from commercial pressurised metered dose inhalers. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 1779-87	4.5	25
130	A rifapentine-containing inhaled triple antibiotic formulation for rapid treatment of tubercular infection. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 1239-53	4.5	36
129	Across the pulmonary epithelial barrier: Integration of physicochemical properties and human cell models to study pulmonary drug formulations. <i>Pharmacology &amp; Therapeutics</i> , <b>2014</b> , 144, 235-52	13.9	44
128	Investigation into physical-chemical variables affecting the manufacture and dissolution of wet-milled clarithromycin nanoparticles. <i>Pharmaceutical Development and Technology</i> , <b>2014</b> , 19, 911-21	3.4	7
127	Image-based ciliary beating frequency estimation for therapeutic assessment on defective mucociliary clearance diseases <b>2014</b> ,		2
126	Non-cytotoxic silver nanoparticle-polyvinyl alcohol hydrogels with anti-biofilm activity: designed as coatings for endotracheal tube materials. <i>Biofouling</i> , <b>2014</b> , 30, 773-88	3.3	33
125	A novel high-speed imaging technique to predict the macroscopic spray characteristics of solution based pressurised metered dose inhalers. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 2963-74	4.5	9



124	Novel simvastatin inhalation formulation and characterisation. <i>AAPS PharmSciTech</i> , <b>2014</b> , 15, 956-62	3.9	16
123	Recent advances in curcumin nanoformulation for cancer therapy. <i>Expert Opinion on Drug Delivery</i> , <b>2014</b> , 11, 1183-201	8	157
122	Isothermal calorimetry: a predictive tool to model drug-propellant interactions in pressurized metered dose systems. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 461, 301-9	6.5	12
121	A novel inhalable form of rifapentine. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 1411-21	3.9	32
120	Silver nanoparticles enhance <i>Pseudomonas aeruginosa</i> PAO1 biofilm detachment. <i>Drug Development and Industrial Pharmacy</i> , <b>2014</b> , 40, 719-29	3.6	32
119	In vitro and ex vivo methods predict the enhanced lung residence time of liposomal ciprofloxacin formulations for nebulisation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 86, 83-9	5.7	39
118	The formulation, chemical and physical characterisation of clarithromycin-based macrolide solution pressurised metered dose inhaler. <i>Journal of Pharmacy and Pharmacology</i> , <b>2014</b> , 66, 639-45	4.8	8
117	Overcoming dose limitations using the orbital(□) multi-breath dry powder inhaler. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2014</b> , 27, 138-47	3.8	37
116	Towards the bioequivalence of pressurised metered dose inhalers 2. Aerodynamically equivalent particles (with and without glycerol) exhibit different biopharmaceutical profiles in vitro. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 86, 38-45	5.7	18
115	The solid-state and morphological characteristics of particles generated from solution-based metered dose inhalers: Influence of ethanol concentration and intrinsic drug properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 443, 345-355	5.1	14
114	Towards the bioequivalence of pressurised metered dose inhalers 1: design and characterisation of aerodynamically equivalent beclomethasone dipropionate inhalers with and without glycerol as a non-volatile excipient. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 86, 31-7	5.7	21
113	Concurrent oral and inhalation drug delivery using a dual formulation system: the use of oral theophylline carrier with combined inhalable budesonide and terbutaline. <i>Drug Delivery and Translational Research</i> , <b>2014</b> , 4, 256-67	6.2	7
112	The influence of actuator materials and nozzle designs on electrostatic charge of pressurised metered dose inhaler (pMDI) formulations. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 1325-37	4.5	7
111	Respiratory medication use in an Australian developmental disability clinic population: messages for health care professionals. <i>Australian Journal of Primary Health</i> , <b>2014</b> , 20, 278-84	1.4	10
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