

# Daniela Traini

## List of Publications by Citations

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233  
papers

4,979  
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39  
h-index

55  
g-index

251  
ext. papers

5,724  
ext. citations

5.2  
avg, IF

5.84  
L-index

#	Paper	IF	Citations
233	Recent advances in curcumin nanoformulation for cancer therapy. <i>Expert Opinion on Drug Delivery</i> , <b>2014</b> , 11, 1183-201	8	157
232	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
231	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
230	The nanoscale in pulmonary delivery. Part 1: deposition, fate, toxicology and effects. <i>Expert Opinion on Drug Delivery</i> , <b>2007</b> , 4, 595-606	8	91
229	The influence of dose on the performance of dry powder inhalation systems. <i>International Journal of Pharmaceutics</i> , <b>2005</b> , 296, 26-33	6.5	90
228	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
227	Strategies to Enhance Drug Absorption via Nasal and Pulmonary Routes. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	87
226	Time- and passage-dependent characteristics of a Calu-3 respiratory epithelial cell model. <i>Drug Development and Industrial Pharmacy</i> , <b>2010</b> , 36, 1207-14	3.6	86
225	Influence of humidity on the electrostatic charge and aerosol performance of dry powder inhaler carrier based systems. <i>Pharmaceutical Research</i> , <b>2007</b> , 24, 963-70	4.5	85
224	The influence of lactose pseudopolymorphic form on salbutamol sulfate-lactose interactions in DPI formulations. <i>Drug Development and Industrial Pharmacy</i> , <b>2008</b> , 34, 992-1001	3.6	83
223	Co-spray-dried mannitol-ciprofloxacin dry powder inhaler formulation for cystic fibrosis and chronic obstructive pulmonary disease. <i>European Journal of Pharmaceutical Sciences</i> , <b>2010</b> , 40, 239-47	5.1	78
222	Preparation and characterisation of controlled release co-spray dried drug-polymer microparticles for inhalation 2: evaluation of in vitro release profiling methodologies for controlled release respiratory aerosols. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2008</b> , 70, 145-52	5.7	77
221	Micro-particle corrugation, adhesion and inhalation aerosol efficiency. <i>European Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 35, 12-8	5.1	74
220	Agglomerate strength and dispersion of salmeterol xinafoate from powder mixtures for inhalation. <i>Pharmaceutical Research</i> , <b>2006</b> , 23, 2556-65	4.5	71
219	A novel dry powder inhalable formulation incorporating three first-line anti-tubercular antibiotics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 83, 285-92	5.7	70
218	Delivery of antibiotics to the respiratory tract: an update. <i>Expert Opinion on Drug Delivery</i> , <b>2009</b> , 6, 897-905		70
217	The influence of drug morphology on aerosolisation efficiency of dry powder inhaler formulations. <i>Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 97, 2780-8	3.9	64

216	Liposomal nanoparticles control the uptake of ciprofloxacin across respiratory epithelia. <i>Pharmaceutical Research</i> , <b>2012</b> , 29, 3335-46	4.5	63
215	Cospray dried antibiotics for dry powder lung delivery. <i>Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 97, 3356-66	5.6	60
214	Solid lipid microparticles as an approach to drug delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 583-89		57
213	The use of computational approaches in inhaler development. <i>Advanced Drug Delivery Reviews</i> , <b>2012</b> , 64, 312-22	18.5	54
212	Solid lipid budesonide microparticles for controlled release inhalation therapy. <i>AAPS Journal</i> , <b>2009</b> , 11, 771-8	3.7	54
211	The influence of mechanical processing of dry powder inhaler carriers on drug aerosolization performance. <i>Journal of Pharmaceutical Sciences</i> , <b>2007</b> , 96, 1331-41	3.9	53
210	Pharmaceutical applications of the Calu-3 lung epithelia cell line. <i>Expert Opinion on Drug Delivery</i> , <b>2013</b> , 10, 1287-302	8	49
209	Lactose composite carriers for respiratory delivery. <i>Pharmaceutical Research</i> , <b>2009</b> , 26, 802-10	4.5	47
208	Pulmonary spray dried powders of tobramycin containing sodium stearate to improve aerosolization efficiency. <i>Pharmaceutical Research</i> , <b>2009</b> , 26, 1084-92	4.5	47
207	Surface energy and interparticle forces correlations in model pMDI formulations. <i>Pharmaceutical Research</i> , <b>2005</b> , 22, 816-25	4.5	47
206	Brain targeting of resveratrol by nasal administration of chitosan-coated lipid microparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 127, 250-259	5.7	45
205	Controlled release antibiotics for dry powder lung delivery. <i>Drug Development and Industrial Pharmacy</i> , <b>2010</b> , 36, 119-26	3.6	45
204	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
203	Deposition, diffusion and transport mechanism of dry powder microparticulate salbutamol, at the respiratory epithelia. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 1717-26	5.6	44
202	Quercetin solid lipid microparticles: a flavonoid for inhalation lung delivery. <i>European Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 49, 278-85	5.1	44
201	The nanoscale in pulmonary delivery. Part 2: formulation platforms. <i>Expert Opinion on Drug Delivery</i> , <b>2007</b> , 4, 607-20	8	44
200	Magnetised thermo responsive lipid vehicles for targeted and controlled lung drug delivery. <i>Pharmaceutical Research</i> , <b>2012</b> , 29, 2456-67	4.5	41
199	Measuring charge and mass distributions in dry powder inhalers using the electrical Next Generation Impactor (eNGI). <i>European Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 38, 88-94	5.1	41

198	Particle aerosolisation and break-up in dry powder inhalers 1: evaluation and modelling of venturi effects for agglomerated systems. <i>Pharmaceutical Research</i> , <b>2010</b> , 27, 1367-76	4.5	41
197	Epithelial profiling of antibiotic controlled release respiratory formulations. <i>Pharmaceutical Research</i> , <b>2011</b> , 28, 2327-38	4.5	40
196	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
195	The use of inverse gas chromatography for the study of lactose and pharmaceutical materials used in dry powder inhalers. <i>Advanced Drug Delivery Reviews</i> , <b>2012</b> , 64, 285-93	18.5	39
194	The influence of drug loading on formulation structure and aerosol performance in carrier based dry powder inhalers. <i>International Journal of Pharmaceutics</i> , <b>2011</b> , 416, 129-35	6.5	39
193	The use of organic vapor sorption to determine low levels of amorphous content in processed pharmaceutical powders. <i>Drug Development and Industrial Pharmacy</i> , <b>2007</b> , 33, 91-7	3.6	39
192	Under pressure: predicting pressurized metered dose inhaler interactions using the atomic force microscope. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 262, 298-302	9.3	39
191	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
190	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
189	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
188	Ciprofloxacin is actively transported across bronchial lung epithelial cells using a Calu-3 air interface cell model. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 2535-40	5.9	37
187	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
186	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
185	Composite carriers improve the aerosolisation efficiency of drugs for respiratory delivery. <i>Journal of Aerosol Science</i> , <b>2008</b> , 39, 82-93	4.3	36
184	Chronic obstructive pulmonary disease: patho-physiology, current methods of treatment and the potential for simvastatin in disease management. <i>Expert Opinion on Drug Delivery</i> , <b>2011</b> , 8, 1205-20	8	35
183	Does carrier size matter? A fundamental study of drug aerosolisation from carrier based dry powder inhalation systems. <i>International Journal of Pharmaceutics</i> , <b>2011</b> , 413, 1-9	6.5	35
182	The influence of flow rate on the aerosol deposition profile and electrostatic charge of single and combination metered dose inhalers. <i>Pharmaceutical Research</i> , <b>2009</b> , 26, 2639-46	4.5	34
181	Role of agglomeration in the dispersion of salmeterol xinafoate from mixtures for inhalation with differing drug to fine lactose ratios. <i>Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 97, 3140-52	3.9	33

180	A novel inhalable form of rifapentine. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 1411-21	3.9	32
179	Preparation and characterisation of controlled release co-spray dried drug-polymer microparticles for inhalation 1: influence of polymer concentration on physical and in vitro characteristics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2008</b> , 69, 486-95	5.7	32
178	Comparative study of erythritol and lactose monohydrate as carriers for inhalation: atomic force microscopy and in vitro correlation. <i>European Journal of Pharmaceutical Sciences</i> , <b>2006</b> , 27, 243-51	5.1	32
177	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
176	Preparation and evaluation of controlled release microparticles for respiratory protein therapy. <i>Journal of Pharmaceutical Sciences</i> , <b>2009</b> , 98, 2709-17	3.9	31
175	Bronchial epithelial cell extracellular vesicles ameliorate epithelial-mesenchymal transition in COPD pathogenesis by alleviating M2 macrophage polarization. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 18, 259-271	6	30
174	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
173	In vitro investigation of drug particulates interactions and aerosol performance of pressurised metered dose inhalers. <i>Pharmaceutical Research</i> , <b>2007</b> , 24, 125-35	4.5	28
172	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
171	Introduction of the electrical next generation impactor (eNGI) and investigation of its capabilities for the study of pressurized metered dose inhalers. <i>Pharmaceutical Research</i> , <b>2009</b> , 26, 431-7	4.5	26
170	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
169	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
168	The effect of ethanol on the formation and physico-chemical properties of particles generated from budesonide solution-based pressurized metered-dose inhalers. <i>Drug Development and Industrial Pharmacy</i> , <b>2013</b> , 39, 1625-37	3.6	24
167	Inhaled gene delivery: a formulation and delivery approach. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 319-330	8	24
166	The Use of AFM and Surface Energy Measurements to Investigate Drug-Canister Material Interactions in a Model Pressurized Metered Dose Inhaler Formulation. <i>Aerosol Science and Technology</i> , <b>2006</b> , 40, 227-236	3.4	24
165	Investigation into the influence of polymeric stabilizing excipients on inter-particulate forces in pressurised metered dose inhalers. <i>International Journal of Pharmaceutics</i> , <b>2006</b> , 320, 58-63	6.5	24
164	Particle synergy and aerosol performance in non-aqueous liquid of two combinations metered dose inhalation formulations: an AFM and Raman investigation. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 361, 649-55	9.3	23
163	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

162	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
161	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
160	An update on the use of rifapentine for tuberculosis therapy. <i>Expert Opinion on Drug Delivery</i> , <b>2014</b> , 11, 421-31	8	22
159	Pharmacopeial methodologies for determining aerodynamic mass distributions of ultra-high dose inhaler medicines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 51, 853-7	3.5	22
158	Scanning white-light interferometry as a novel technique to quantify the surface roughness of micron-sized particles for inhalation. <i>Langmuir</i> , <b>2008</b> , 24, 11307-12	4	22
157	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
156	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
155	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
154	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
153	The effects of mannitol on the transport of ciprofloxacin across respiratory epithelia. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 2915-24	5.6	21
152	Particle aerosolisation and break-up in dry powder inhalers: evaluation and modelling of the influence of grid structures for agglomerated systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 100, 4710-21	3.9	21
151	Does electrostatic charge affect powder aerosolisation?. <i>Journal of Pharmaceutical Sciences</i> , <b>2010</b> , 99, 2455-61	3.9	21
150	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
149	Multiple dosing of simvastatin inhibits airway mucus production of epithelial cells: implications in the treatment of chronic obstructive airway pathologies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 84, 566-72	5.7	20
148	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
147	Preparation and in vitro evaluation of salbutamol-loaded lipid microparticles for sustained release pulmonary therapy. <i>Journal of Microencapsulation</i> , <b>2012</b> , 29, 225-33	3.4	19
146	Fluticasone uptake across Calu-3 cells is mediated by salmeterol when deposited as a combination powder inhaler. <i>Respirology</i> , <b>2013</b> , 18, 1197-201	3.6	19
145	Particle aerosolisation and break-up in dry powder inhalers: evaluation and modelling of impaction effects for agglomerated systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 100, 2744-54	3.9	19

144	Recent advances in controlled release pulmonary therapy. <i>Current Drug Delivery</i> , <b>2009</b> , 6, 404-14	3.2	19
143	Salbutamol sulfate absorption across Calu-3 bronchial epithelia cell monolayer is inhibited in the presence of common anionic NSAIDs. <i>Journal of Asthma</i> , <b>2013</b> , 50, 334-41	1.9	18
142	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
141	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
140	Dry powder formulation of simvastatin. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 857-68	8	17
139	Polymer coating of carrier excipients modify aerosol performance of adhered drugs used in dry powder inhalation therapy. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 438, 150-9	6.5	17
138	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
137	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
136	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
135	Novel simvastatin inhalation formulation and characterisation. <i>AAPS PharmSciTech</i> , <b>2014</b> , 15, 956-62	3.9	16
134	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
133	Biological Effects of Simvastatin Formulated as pMDI on Pulmonary Epithelial Cells. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 92-101	4.5	15
132	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
131	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
130	Co-deposition of a triple therapy drug formulation for the treatment of chronic obstructive pulmonary disease using solution-based pressurised metered dose inhalers. <i>Journal of Pharmacy and Pharmacology</i> , <b>2012</b> , 64, 1245-53	4.8	15
129	Incorporation of quercetin in respirable lipid microparticles: effect on stability and cellular uptake on A549 pulmonary alveolar epithelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 112, 322-9	6	15
128	The contribution of different formulation components on the aerosol charge in carrier-based dry powder inhaler systems. <i>Pharmaceutical Research</i> , <b>2010</b> , 27, 1325-36	4.5	15
127	Artesunate-clindamycin multi-kinetics and site-specific oral delivery system for antimalaric combination products. <i>Journal of Controlled Release</i> , <b>2010</b> , 146, 54-60	11.7	15

126	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
125	Allergic environment enhances airway epithelial pro-inflammatory responses to rhinovirus infection. <i>Clinical Science</i> , <b>2017</b> , 131, 499-509	6.5	14
124	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
123	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
122	Advances in drug delivery: Is triple therapy the future for the treatment of chronic obstructive pulmonary disease?. <i>Expert Opinion on Pharmacotherapy</i> , <b>2011</b> , 12, 1913-32	4	14
121	Modelling of molecular phase transitions in pharmaceutical inhalation compounds: an in silico approach. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2011</b> , 78, 83-9	5.7	14
120	A novel apparatus for the determination of solubility in pressurized metered dose inhalers. <i>Drug Development and Industrial Pharmacy</i> , <b>2006</b> , 32, 1159-63	3.6	14
119	Dosing challenges in respiratory therapies. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 548, 659-671	6.5	14
118	Nanotoxicologic Effects of PLGA Nanoparticles Formulated with a Cell-Penetrating Peptide: Searching for a Safe pDNA Delivery System for the Lungs. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	13
117	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
116	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
115	Delivery of theophylline as dry powder for inhalation. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 10, 520-527	9	12
114	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
113	A soft spot for 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
112	A Review of Electrostatic Measurement Techniques for Aerosol Drug Delivery to the Lung: Implications in Aerosol Particle Deposition. <i>Journal of Adhesion Science and Technology</i> , <b>2011</b> , 25, 385-405	2	12
111	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
110	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
109	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



108	Limitations of high dose carrier based formulations. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 544, 141-152	6.5	11
107	Microfluidic production of endoskeleton droplets with controlled size and shape. <i>Powder Technology</i> , <b>2018</b> , 329, 129-136	5.2	11
106	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
105	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
104	Comparison of spray congealing and melt emulsification methods for the incorporation of the water-soluble salbutamol sulphate in lipid microparticles. <i>Pharmaceutical Development and Technology</i> , <b>2013</b> , 18, 266-73	3.4	11
103	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
102	Inhalable tranexamic acid for haemoptysis treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 93, 311-9	5.7	11
101	Mannitol delivery by vibrating mesh nebulisation for enhancing mucociliary clearance. <i>Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 100, 2693-702	3.9	11
100	Delivery of high solubility polyols by vibrating mesh nebulizer to enhance mucociliary clearance. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2012</b> , 25, 297-305	3.8	11
99	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
98	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
97	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
96	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
95	Sweetening Inhaled Antibiotic Treatment for Eradication of Chronic Respiratory Biofilm Infection. <i>Pharmaceutical Research</i> , <b>2018</b> , 35, 50	4.5	10
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