

Hui Xin Ong

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.

42
papers

649
citations

15
h-index

24
g-index

48
ext. papers

826
ext. citations

5.6
avg, IF

4.1
L-index

#	Paper	IF	Citations
42	Timothy Grass Pollen Induces Spatial Reorganisation of F-Actin and Loss of Junctional Integrity in Respiratory Cells.. <i>Inflammation</i> , 2022 , 1	5.1	0
41	Prospective nanoparticle treatments for lymphangioleiomyomatosis.. <i>Expert Opinion on Drug Delivery</i> , 2022 , 1-12	8	1
40	An adaptable microreactor to investigate the influence of interfaces on <i>Pseudomonas aeruginosa</i> biofilm growth.. <i>Applied Microbiology and Biotechnology</i> , 2022 , 1	5.7	0
39	The application of in vitro cellular assays for analysis of electronic cigarettes impact on the airway.. <i>Life Sciences</i> , 2022 , 120487	6.8	
38	Investigating Potential TRPV1 Positive Feedback to Explain TRPV1 Upregulation in Airway Disease States.. <i>Drug Development and Industrial Pharmacy</i> , 2022 , 1-42	3.6	
37	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> , 2021 , 596, 120319	6.5	1
36	Tobramycin and Colistin display anti-inflammatory properties in CuFi-1 cystic fibrosis cell line. <i>European Journal of Pharmacology</i> , 2021 , 902, 174098	5.3	0
35	Real-time quantitative monitoring of nasal drug delivery by a nasal epithelial mucosa-on-a-chip model. <i>Expert Opinion on Drug Delivery</i> , 2021 , 18, 803-818	8	5
34	Using individualized three-dimensional printed airway models to guide airway stent implantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2020 , 31, 900-903	1.8	1
33	A Review of Respiratory Anatomical Development, Air Flow Characterization and Particle Deposition. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	40
32	Inhaled rapamycin solid lipid nano particles for the treatment of Lymphangioleiomyomatosis. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 142, 105098	5.1	11
31	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> , 2020 , 156, 121-130	5.7	5
30	Modifying and Integrating and Respiratory Models for Inhalation Drug Screening. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 581995	5.8	10
29	Properties of rapamycin solid lipid nanoparticles for lymphatic access through the lungs & part I: the effect of size. <i>Nanomedicine</i> , 2020 , 15, 1927-1945	5.6	2
28	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> , 2020 , 17, 1631-1645	8	3
27	Properties of rapamycin solid lipid nanoparticles for lymphatic access through the lungs & part II: the effect of nanoparticle charge. <i>Nanomedicine</i> , 2020 , 15, 1947-1963	5.6	5
26	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> , 2019 , 20, 299	3.9	17

25	Simvastatin Nanoparticles Reduce Inflammation in LPS-Stimulated Alveolar Macrophages. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 3890-3897	3.9	5
24	Smart thermosensitive chitosan hydrogel for nasal delivery of ibuprofen to treat neurological disorders. <i>Expert Opinion on Drug Delivery</i> , 2019 , 16, 453-466	8	37
23	Co-Spray-Dried Urea Cross-Linked Hyaluronic Acid and Sodium Ascorbyl Phosphate as Novel Inhalable Dry Powder Formulation. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 2964-2971	3.9	6
22	The utility of 3D-printed airway stents to improve treatment strategies for central airway obstructions. <i>Drug Development and Industrial Pharmacy</i> , 2019 , 45, 1-10	3.6	22
21	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> , 2019 , 558, 341-350	6.5	5
20	Sweetening Inhaled Antibiotic Treatment for Eradication of Chronic Respiratory Biofilm Infection. <i>Pharmaceutical Research</i> , 2018 , 35, 50	4.5	10
19	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> , 2018 , 120, 96-106	5.1	13
18	Repurposing of statins via inhalation to treat lung inflammatory conditions. <i>Advanced Drug Delivery Reviews</i> , 2018 , 133, 93-106	18.5	16
17	Is there a role for inhaled anti-inflammatory drugs in cystic fibrosis treatment?. <i>Expert Opinion on Orphan Drugs</i> , 2018 , 6, 69-84	1.1	2
16	Inhaled simvastatin nanoparticles for inflammatory lung disease. <i>Nanomedicine</i> , 2017 , 12, 2471-2485	5.6	8
15	Novel nano-cellulose excipient for generating non-Newtonian droplets for targeted nasal drug delivery. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1729-1733	3.6	4
14	Biological Effects of Simvastatin Formulated as pMDI on Pulmonary Epithelial Cells. <i>Pharmaceutical Research</i> , 2016 , 33, 92-101	4.5	15
13	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> , 2016 , 107, 223-33	5.7	36
12	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> , 2016 , 13, 1407-20	8	10
11	Is the cellular uptake of respiratory aerosols delivered from different devices equivalent?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 93, 320-7	5.7	15
10	Tuning aerosol performance using the multibreath Orbital [®] dry powder inhaler device: controlling delivery parameters and aerosol performance via modification of puck orifice geometry. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 2169-76	3.9	11
9	Dry powder formulation of simvastatin. <i>Expert Opinion on Drug Delivery</i> , 2015 , 12, 857-68	8	17
8	Combined inhaled salbutamol and mannitol therapy for mucus hyper-secretion in pulmonary diseases. <i>AAPS Journal</i> , 2014 , 16, 269-80	3.7	21

7	Across the pulmonary epithelial barrier: Integration of physicochemical properties and human cell models to study pulmonary drug formulations. <i>Pharmacology & Therapeutics</i> , 2014 , 144, 235-52	13.9	44
6	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> , 2014 , 86, 83-9	5.7	39
5	Pharmaceutical applications of the Calu-3 lung epithelia cell line. <i>Expert Opinion on Drug Delivery</i> , 2013 , 10, 1287-302	8	49
4	The effects of mannitol on the transport of ciprofloxacin across respiratory epithelia. <i>Molecular Pharmaceutics</i> , 2013 , 10, 2915-24	5.6	21
3	Ciprofloxacin is actively transported across bronchial lung epithelial cells using a Calu-3 air interface cell model. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 2535-40	5.9	37
2	Liposomal nanoparticles control the uptake of ciprofloxacin across respiratory epithelia. <i>Pharmaceutical Research</i> , 2012 , 29, 3335-46	4.5	63
1	Epithelial profiling of antibiotic controlled release respiratory formulations. <i>Pharmaceutical Research</i> , 2011 , 28, 2327-38	4.5	40