

Brian Oliver

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.

263
papers

6,413
citations

43
h-index

66
g-index

385
ext. papers

8,065
ext. citations

6.3
avg, IF

5.78
L-index

#	Paper	IF	Citations
263	Preparation and Evaluation of Gefitinib Containing Nanoliposomal Formulation for Lung Cancer Therapy. <i>BioNanoScience</i> , 2022 , 12, 241	3.4	0
262	Nuclear factor-kappa B (NF- κ B) inhibition as a therapeutic target for plant nutraceuticals in mitigating inflammatory lung diseases.. <i>Chemico-Biological Interactions</i> , 2022 , 354, 109842	5	5
261	Unravelling the molecular mechanisms underlying chronic respiratory diseases for the development of novel therapeutics via in vitro experimental models.. <i>European Journal of Pharmacology</i> , 2022 , 919, 174821	5.3	1
260	Berberine-loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	5
259	Maternal Cigarette Smoke Exposure Exaggerates the Behavioral Defects and Neuronal Loss Caused by Hypoxic-Ischemic Brain Injury in Female Offspring.. <i>Frontiers in Cellular Neuroscience</i> , 2022 , 16, 818536 ^{6.1}	6.1	6.1
258	Aim2 suppresses cigarette smoke-induced neutrophil recruitment, neutrophil caspase-1 activation and anti-Ly6G-mediated neutrophil depletion.. <i>Immunology and Cell Biology</i> , 2022 ,	5	2
257	Targeting intercellular adhesion molecule-1 (ICAM-1) to reduce rhinovirus-induced acute exacerbations in chronic respiratory diseases.. <i>Inflammopharmacology</i> , 2022 , 1	5.1	0
256	Expanding the arsenal against pulmonary diseases using surface-functionalized polymeric micelles: breakthroughs and bottlenecks.. <i>Nanomedicine</i> , 2022 ,	5.6	3
255	Attenuation of Cigarette-Smoke-Induced Oxidative Stress, Senescence, and Inflammation by Berberine-Loaded Liquid Crystalline Nanoparticles: In Vitro Study in 16HBE and RAW264.7 Cells. <i>Antioxidants</i> , 2022 , 11, 873	7.1	3
254	miRNAs-mediated overexpression of Periostin is correlated with poor prognosis and immune infiltration in lung squamous cell carcinoma.. <i>Aging</i> , 2022 , 14, 3757-3781	5.6	5.6
253	Rediscovering the Therapeutic Potential of Agarwood in the Management of Chronic Inflammatory Diseases.. <i>Molecules</i> , 2022 , 27,	4.8	2
252	In-utero exposure to air pollution and early-life neural development and cognition.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 238, 113589	7	0
251	Effects of air pollution on human health - Mechanistic evidence suggested by in vitro and in vivo modelling.. <i>Environmental Research</i> , 2022 , 212, 113378	7.9	1
250	Differential Effects of Vaping On Lipid and Glucose Profiles and Liver Metabolic Markers in Obese Versus Non-obese Mice. <i>Frontiers in Physiology</i> , 2021 , 12, 755124	4.6	1
249	The health effects of traffic-related air pollution: A review focused the health effects of going green. <i>Chemosphere</i> , 2021 , 289, 133082	8.4	4
248	Protein and peptide delivery to lungs by using advanced targeted drug delivery. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109706	5	2
247	Nutraceuticals: unlocking newer paradigms in the mitigation of inflammatory lung diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-31	11.5	7

246	Berberine loaded liquid crystalline nanostructure inhibits cancer progression in adenocarcinomic human alveolar basal epithelial cells in vitro. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13954	3.3	5
245	Maternal High Fat Diet Consumption Exaggerates Metabolic Disorders in Mice With Cigarette-Smoking Induced Intrauterine Undernutrition. <i>Frontiers in Nutrition</i> , 2021 , 8, 638576	6.2	2
244	A chinese herbal formula ameliorates COPD by inhibiting the inflammatory response via downregulation of p65, JNK, and p38. <i>Phytomedicine</i> , 2021 , 83, 153475	6.5	3
243	Integrative microbiomics in bronchiectasis exacerbations. <i>Nature Medicine</i> , 2021 , 27, 688-699	50.5	26
242	ORMDL3 expression in ASM regulates hypertrophy, hyperplasia via TPM1 and TPM4, and contractility. <i>JCI Insight</i> , 2021 , 6,	9.9	3
241	Airway smooth muscle cells from severe asthma patients with fixed airflow obstruction are responsive to steroid and bronchodilator treatment. <i>ERJ Open Research</i> , 2021 , 7,	3.5	3
240	Treatable Traits in Elderly Asthmatics from the Australasian Severe Asthma Network: A Prospective Cohort Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 2770-2782	5.4	5
239	Particulate Matter, an Intrauterine Toxin Affecting Foetal Development and Beyond. <i>Antioxidants</i> , 2021 , 10,	7.1	6
238	Rapid progression is associated with lymphoid follicle dysfunction in SIV-infected infant rhesus macaques. <i>PLoS Pathogens</i> , 2021 , 17, e1009575	7.6	1
237	Treatment of chronic airway diseases using nutraceuticals: Mechanistic insight. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-15	11.5	2
236	Differential inflammatory and toxic effects in-vitro of wood smoke and traffic-related particulate matter from Sydney, Australia. <i>Chemosphere</i> , 2021 , 272, 129616	8.4	4
235	Heterogeneity of Paucigranulocytic Asthma: A Prospective Cohort Study with Hierarchical Cluster Analysis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 2344-2355	5.4	7
234	Maternal Particulate Matter Exposure Impairs Lung Health and Is Associated with Mitochondrial Damage. <i>Antioxidants</i> , 2021 , 10,	7.1	4
233	Exploring Heart Rate Variability as a Biomedical Diagnostic Tool for the Disympathetic Dimension of Eight-Constitution Medicine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 6613798	2.3	
232	Total IgE Variability Is Associated with Future Asthma Exacerbations: A 1-Year Prospective Cohort Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 2812-2824	5.4	0
231	We are not doing enough to prevent the spread of COVID-19 and other respiratory viruses in Australian hospitals. <i>Medical Journal of Australia</i> , 2021 , 215, 152-153.e1	4	2
230	COPD exacerbations: targeting IL-33 as a new therapy. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1213-1214	3.1	1
229	Cabbage and fermented vegetables: From death rate heterogeneity in countries to candidates for mitigation strategies of severe COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 735-750	9.3	46

228	Multidimensional Assessment of Asthma Identifies Clinically Relevant Phenotype Overlap: A Cross-Sectional Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 349-362.e18	5.4	7
227	Pulmonary Daoyin as a traditional Chinese medicine rehabilitation programme for patients with IPF: A randomized controlled trial. <i>Respirology</i> , 2021 , 26, 360-369	3.6	3
226	Brain health is independently impaired by E-vaping and high-fat diet. <i>Brain, Behavior, and Immunity</i> , 2021 , 92, 57-66	16.6	6
225	COPD-derived fibroblasts secrete higher levels of senescence-associated secretory phenotype proteins. <i>Thorax</i> , 2021 , 76, 508-511	7.3	7
224	Sex-specific effects of in utero and adult tobacco smoke exposure. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L63-L72	5.8	0
223	BET proteins are associated with the induction of small airway fibrosis in COPD. <i>Thorax</i> , 2021 , 76, 647-655	3	1
222	High-resolution Metatranscriptomic Characterization of the Pulmonary RNA Virome After Lung Transplantation. <i>Transplantation</i> , 2021 , 105, 2546-2553	1.8	0
221	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. <i>Life Sciences</i> , 2021 , 267, 118973	6.8	6
220	Cinnamon as Dietary Supplement Caused Hyperlipidemia in Healthy Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 9892088	2.3	
219	L-Leucine Improves Metabolic Disorders in Mice With Cigarette Smoke Exposure. <i>Frontiers in Physiology</i> , 2021 , 12, 700246	4.6	1
218	Mitochondrial dysfunctions associated with chronic respiratory diseases and their targeted therapies: an update. <i>Future Medicinal Chemistry</i> , 2021 , 13, 1249-1251	4.1	3
217	A narrative review of clinical studies of herbal treatment of difficult to manage asthma. <i>Complementary Therapies in Clinical Practice</i> , 2021 , 44, 101433	3.5	1
216	Advanced drug delivery approaches in managing TGF- β -mediated remodeling in lung diseases. <i>Nanomedicine</i> , 2021 , 16, 2243-2247	5.6	1
215	Revolutionizing polymer-based nanoparticle-linked vaccines for targeting respiratory viruses: A perspective. <i>Life Sciences</i> , 2021 , 280, 119744	6.8	4
214	Recent trends of NFB decoy oligodeoxynucleotide-based nanotherapeutics in lung diseases. <i>Journal of Controlled Release</i> , 2021 , 337, 629-644	11.7	7
213	Interaction effects of asthma and rhinitis control on work productivity and activity impairment: A cross-sectional study. <i>Allergy and Asthma Proceedings</i> , 2021 , 42, 409-416	2.6	0
212	LL-37 and HMGB1 induce alveolar damage and reduce lung tissue regeneration via RAGE. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 321, L641-L652	5.8	1
211	Nanotechnology based advanced therapeutic strategies for targeting interleukins in chronic respiratory diseases. <i>Chemico-Biological Interactions</i> , 2021 , 348, 109637	5	2

210	Current Smoking Alters Gene Expression and DNA Methylation in the Nasal Epithelium of Patients with Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 65, 366-377	5.7	0
209	Small Airway Dysfunction in Asthma Is Associated with Perceived Respiratory Symptoms, Non-Type 2 Airway Inflammation, and Poor Responses to Therapy. <i>Respiration</i> , 2021 , 100, 767-779	3.7	2
208	Nrf2-interacting nutrients and COVID-19: time for research to develop adaptation strategies. <i>Clinical and Translational Allergy</i> , 2020 , 10, 58	5.2	25
207	Clinical and Inflammatory Features of Exacerbation-Prone Asthma: A Cross-Sectional Study Using Multidimensional Assessment. <i>Respiration</i> , 2020 , 99, 1109-1121	3.7	3
206	Sexually dimorphic production of interleukin-6 in respiratory disease. <i>Physiological Reports</i> , 2020 , 8, e14459	4.5	4
205	Exposure to Air Pollution Exacerbates Inflammation in Rats with Preexisting COPD. <i>Mediators of Inflammation</i> , 2020 , 2020, 4260204	4.3	10
204	Link between increased cellular senescence and extracellular matrix changes in COPD. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 319, L48-L60	5.8	15
203	Evidence from a mouse model on the dangers of thirdhand electronic cigarette exposure during early life. <i>ERJ Open Research</i> , 2020 , 6,	3.5	2
202	E-cigarettes damage the liver and alter nutrient metabolism in pregnant mice and their offspring. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1475, 64-77	6.5	6
201	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	10
200	Why Do Intrauterine Exposure to Air Pollution and Cigarette Smoke Increase the Risk of Asthma?. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 38	5.7	21
199	Nitroxides affect neurological deficits and lesion size induced by a rat model of traumatic brain injury. <i>Nitric Oxide - Biology and Chemistry</i> , 2020 , 97, 57-65	5	2
198	Critical role for iron accumulation in the pathogenesis of fibrotic lung disease. <i>Journal of Pathology</i> , 2020 , 251, 49-62	9.4	31
197	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020 , 317, 108947	5	15
196	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1590-1596	2.2	10
195	Omega-3 Polyunsaturated Fatty Acid Derived Lipid Mediators and their Application in Drug Discovery. <i>Current Medicinal Chemistry</i> , 2020 , 27, 1670-1689	4.3	1
194	Reduced lung elastic recoil and fixed airflow obstruction in asthma. <i>Respirology</i> , 2020 , 25, 613-619	3.6	22
193	What lessons have we learnt about the impact of maternal cigarette smoking from animal models?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020 , 47, 337-344	3	3

192	How harmless are E-cigarettes? Effects in the pulmonary system. <i>Current Opinion in Pulmonary Medicine</i> , 2020 , 26, 97-102	3	4
191	Impact of A Cargo-Less Liposomal Formulation on Dietary Obesity-Related Metabolic Disorders in Mice. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
190	Is there an association between the level of ambient air pollution and COVID-19?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 319, L416-L421	5.8	24
189	Replacing smoking with vaping during pregnancy: Impacts on metabolic health in mice. <i>Reproductive Toxicology</i> , 2020 , 96, 293-299	3.4	2
188	Offspring sex affects the susceptibility to maternal smoking-induced lung inflammation and the effect of maternal antioxidant supplementation in mice. <i>Journal of Inflammation</i> , 2020 , 17, 24	6.7	4
187	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	5.7	6
186	Animal and translational models of SARS-CoV-2 infection and COVID-19. <i>Mucosal Immunology</i> , 2020 , 13, 877-891	9.2	106
185	Gene expression profiling of bronchial brushes is associated with the level of emphysema measured by computed tomography-based parametric response mapping. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L1222-L1228	5.8	4
184	Phytotherapy in Inflammatory Lung Diseases: An Emerging Therapeutic Interventional Approach 2019 , 331-347		2
183	Kappa chain maturation helps drive rapid development of an infant HIV-1 broadly neutralizing antibody lineage. <i>Nature Communications</i> , 2019 , 10, 2190	17.4	19
182	Prostaglandin E, but not cAMP nor β -agonists, induce tristetraproline (TTP) in human airway smooth muscle cells. <i>Inflammation Research</i> , 2019 , 68, 369-377	7.2	1
181	Heightened response to e-cigarettes in COPD. <i>ERJ Open Research</i> , 2019 , 5,	3.5	7
180	Maternal Smoking and Fetal Brain Outcome: Mechanisms and Possible Solutions 2019 , 9-16		
179	Epigenetic impacts of maternal tobacco and e-vapour exposure on the offspring lung. <i>Clinical Epigenetics</i> , 2019 , 11, 32	7.7	20
178	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> , 2019 , 143, 305-315	11.5	47
177	Analysis by proteomics reveals unique circulatory proteins in idiopathic pulmonary fibrosis. <i>Respirology</i> , 2019 , 24, 1111-1114	3.6	10
176	Pulmonary inflammation induced by low-dose particulate matter exposure in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 317, L424-L430	5.8	30
175	Impact of maternal e-cigarette vapor exposure on renal health in the offspring. <i>Annals of the New York Academy of Sciences</i> , 2019 , 1452, 65-77	6.5	21

174 Techniques for detection and research **2019**, 265-283

173 A Mitochondrial Specific Antioxidant Reverses Metabolic Dysfunction and Fatty Liver Induced by Maternal Cigarette Smoke in Mice. *Nutrients*, **2019**, 11, 6.7 17

172 Nanoparticle-Based Drug Delivery for Chronic Obstructive Pulmonary Disorder and Asthma: Progress and Challenges **2019**, 59-73 8

171 Preparation, characterization and in-vitro efficacy of quercetin loaded liquid crystalline nanoparticles for the treatment of asthma. *Journal of Drug Delivery Science and Technology*, **2019**, 54, 101297 4.5 17

170 Current Smoking is Associated with Decreased Expression of miR-335-5p in Parenchymal Lung Fibroblasts. *International Journal of Molecular Sciences*, **2019**, 20, 6.3 8

169 Fibulin-1c regulates transforming growth factor- β activation in pulmonary tissue fibrosis. *JCI Insight*, **2019**, 5, 9.9 21

168 Viral prevalence in stable bronchiectasis: analysis of the Cohort of Asian and Matched European Bronchiectasis (CAMEB) **2019**, 2

167 COPD treatment choices based on blood eosinophils: are we there yet?. *Breathe*, **2019**, 15, 318-323 1.8 6

166 Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. *Biomedicine and Pharmacotherapy*, **2019**, 109, 1785-1792 7.5 53

165 Short-chain fatty acids increase TNF β induced inflammation in primary human lung mesenchymal cells through the activation of p38 MAPK. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2019**, 316, L157-L174 5.8 21

164 Dietary Fatty Acids Amplify Inflammatory Responses to Infection through p38 MAPK Signaling. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 60, 554-568 5.7 17

163 Autophagy Activation in Asthma Airways Remodeling. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 60, 541-553 5.7 70

162 Whole-Genome Analysis Illustrates Global Clonal Population Structure of the Ubiquitous Dermatophyte Pathogen. *Genetics*, **2018**, 208, 1657-1669 4 36

161 Maternal L-carnitine supplementation improves glucose and lipid profiles in female offspring of dams exposed to cigarette smoke. *Clinical and Experimental Pharmacology and Physiology*, **2018**, 45, 694-703 9

160 Phenotype and Functional Features of Human Telomerase Reverse Transcriptase Immortalized Human Airway Smooth Muscle Cells from Asthmatic and Non-Asthmatic Donors. *Scientific Reports*, **2018**, 8, 805 4.9 9

159 MitoQ supplementation prevent long-term impact of maternal smoking on renal development, oxidative stress and mitochondrial density in male mice offspring. *Scientific Reports*, **2018**, 8, 6631 4.9 27

158 Unique mechanisms of connective tissue growth factor regulation in airway smooth muscle in asthma: Relationship with airway remodelling. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 2826-2837 5.6 8

157 Maternal E-Cigarette Exposure in Mice Alters DNA Methylation and Lung Cytokine Expression in Offspring. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 58, 366-377 5.7 87

156	Profiling of healthy and asthmatic airway smooth muscle cells following interleukin-1 α treatment: a novel role for CCL20 in chronic mucus hypersecretion. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	25
155	L-Carnitine and extendin-4 improve outcomes following moderate brain contusion injury. <i>Scientific Reports</i> , 2018 , 8, 11201	4.9	6
154	Dietary omega-6, but not omega-3, polyunsaturated or saturated fatty acids increase inflammation in primary lung mesenchymal cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 314, L922-L935	5.8	12
153	Heat or Burn? Impacts of Intrauterine Tobacco Smoke and E-Cigarette Vapor Exposure on the Offspring's Health Outcome. <i>Toxics</i> , 2018 , 6,	4.7	34
152	Tumstatin fragment selectively inhibits neutrophil infiltration in experimental asthma exacerbation. <i>Clinical and Experimental Allergy</i> , 2018 , 48, 1483-1493	4.1	12
151	Viruses in bronchiectasis: a pilot study to explore the presence of community acquired respiratory viruses in stable patients and during acute exacerbations. <i>BMC Pulmonary Medicine</i> , 2018 , 18, 84	3.5	16
150	Chronic Rhinosinusitis: Potential Role of Microbial Dysbiosis and Recommendations for Sampling Sites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 57	5.9	43
149	Modulation of neural regulators of energy homeostasis, and of inflammation, in the pups of mice exposed to e-cigarettes. <i>Neuroscience Letters</i> , 2018 , 684, 61-66	3.3	32
148	Apoptosis signal-regulating kinase 1 inhibition attenuates human airway smooth muscle growth and migration in chronic obstructive pulmonary disease. <i>Clinical Science</i> , 2018 , 132, 1615-1627	6.5	13
147	A novel sampling method to detect airborne influenza and other respiratory viruses in mechanically ventilated patients: a feasibility study. <i>Annals of Intensive Care</i> , 2018 , 8, 45	8.9	5
146	Gold nanoparticles improve metabolic profile of mice fed a high-fat diet. <i>Journal of Nanobiotechnology</i> , 2018 , 16, 11	9.4	21
145	Transplanting the pulmonary virome: Dynamics of transient populations. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 1111-1118	5.8	8
144	Chronic cigarette smoke exposure induces systemic hypoxia that drives intestinal dysfunction. <i>JCI Insight</i> , 2018 , 3,	9.9	62
143	The Micronemal Proteins P36 and P52 Act in Concert to Establish the Replication-Permissive Compartment Within Infected Hepatocytes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 413	5.9	12
142	Dietary ω 6 polyunsaturated fatty acid arachidonic acid increases inflammation, but inhibits ECM protein expression in COPD. <i>Respiratory Research</i> , 2018 , 19, 211	7.3	13
141	Rhinovirus infections change DNA methylation and mRNA expression in children with asthma. <i>PLoS ONE</i> , 2018 , 13, e0205275	3.7	24
140	A recombinant antibody against Plasmodium vivax UIS4 for distinguishing replicating from dormant liver stages. <i>Malaria Journal</i> , 2018 , 17, 370	3.6	13
139	Steroid insensitive fixed airflow obstruction is not related to airway inflammation in older non-smokers with asthma. <i>Respiratory Research</i> , 2018 , 19, 176	7.3	6

138	B cell clonal lineage alterations upon recombinant HIV-1 envelope immunization of rhesus macaques. <i>PLoS Pathogens</i> , 2018 , 14, e1007120	7.6	2
137	Latrophilin receptors: novel bronchodilator targets in asthma. <i>Thorax</i> , 2017 , 72, 74-82	7.3	8
136	Bitter Taste Receptor Agonists Mitigate Features of Allergic Asthma in Mice. <i>Scientific Reports</i> , 2017 , 7, 46166	4.9	47
135	Roflumilast N-Oxide in Combination with Formoterol Enhances the Antiinflammatory Effect of Dexamethasone in Airway Smooth Muscle Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 532-538	5.7	10
134	In vivo cleavage specificity of Trypanosoma brucei editosome endonucleases. <i>Nucleic Acids Research</i> , 2017 , 45, 4667-4686	20.1	19
133	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> , 2017 , 25, 342-349	5.4	4
132	Effect of long-term maternal smoking on the offspring's lung health. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L416-L423	5.8	22
131	A method for the isolation and characterization of functional murine monoclonal antibodies by single B cell cloning. <i>Journal of Immunological Methods</i> , 2017 , 448, 66-73	2.5	23
130	Atopic asthmatic immune phenotypes associated with airway microbiota and airway obstruction. <i>PLoS ONE</i> , 2017 , 12, e0184566	3.7	19
129	A circadian based inflammatory response [Implications for respiratory disease and treatment. <i>Sleep Science and Practice</i> , 2017 , 1,	1.2	18
128	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. <i>Journal of Pathology</i> , 2017 , 243, 510-523	9.4	60
127	Linking EPCR-Binding PfEMP1 to Brain Swelling in Pediatric Cerebral Malaria. <i>Cell Host and Microbe</i> , 2017 , 22, 601-614.e5	23.4	61
126	Drosophila melanogaster positive transcriptional elongation factors regulate metabolic and sex-biased expression in adults. <i>BMC Genomics</i> , 2017 , 18, 384	4.5	2
125	Expressed Structurally Stable Inverted Duplicates in Mammalian Genomes as Functional Noncoding Elements. <i>Genome Biology and Evolution</i> , 2017 , 9, 981-992	3.9	1
124	Evidence of Biomass Smoke Exposure as a Causative Factor for the Development of COPD. <i>Toxics</i> , 2017 , 5,	4.7	32
123	Maternal L-Carnitine Supplementation Improves Brain Health in Offspring from Cigarette Smoke Exposed Mothers. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 33	6.1	19
122	Maternal Cigarette Smoke Exposure Worsens Neurological Outcomes in Adolescent Offspring with Hypoxic-Ischemic Injury. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 306	6.1	16
121	Autophagy and airway fibrosis: Is there a link?. <i>F1000Research</i> , 2017 , 6, 409	3.6	8

120	Autophagy and airway fibrosis: Is there a link?. <i>F1000Research</i> , 2017 , 6, 409	3.6	9
119	Effect of Sphingosine 1-Phosphate on Cyclo-Oxygenase-2 Expression, Prostaglandin E2 Secretion, and β_2 -Adrenergic Receptor Desensitization. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 128-35	5.7	18
118	Moderate traumatic brain injury is linked to acute behaviour deficits and long term mitochondrial alterations. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 1107-1114	3	21
117	Differences in Allelic Frequency and CDRH3 Region Limit the Engagement of HIV Env Immunogens by Putative VRC01 Neutralizing Antibody Precursors. <i>Cell Reports</i> , 2016 , 17, 1560-1570	10.6	20
116	Spirometry filters can be used to detect exhaled respiratory viruses. <i>Journal of Breath Research</i> , 2016 , 10, 046002	3.1	7
115	A Class of Diacylglycerol Acyltransferase 1 Inhibitors Identified by a Combination of Phenotypic High-throughput Screening, Genomics, and Genetics. <i>EBioMedicine</i> , 2016 , 8, 49-59	8.8	9
114	Comparison of normalization and differential expression analyses using RNA-Seq data from 726 individual <i>Drosophila melanogaster</i> . <i>BMC Genomics</i> , 2016 , 17, 28	4.5	101
113	Theophylline Represses IL-8 Secretion from Airway Smooth Muscle Cells Independently of Phosphodiesterase Inhibition. Novel Role as a Protein Phosphatase 2A Activator. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 792-801	5.7	10
112	Asthma: Airways That Are Hyperactive by Design. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 596-8	10.2	2
111	Developmental biology: Females have a lot of guts. <i>Nature</i> , 2016 , 530, 289-90	50.4	1
110	Absence of back to school peaks in human rhinovirus detections and respiratory symptoms in a cohort of children with asthma. <i>Journal of Medical Virology</i> , 2016 , 88, 578-87	19.7	10
109	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. <i>JCI Insight</i> , 2016 , 1,	9.9	72
108	Effects of Gene Dose, Chromatin, and Network Topology on Expression in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2016 , 12, e1006295	6	22
107	Time-Based Measurement of Personal Mite Allergen Bioaerosol Exposure over 24 Hour Periods. <i>PLoS ONE</i> , 2016 , 11, e0153414	3.7	31
106	Biomass Smoke Exposure Enhances Rhinovirus-Induced Inflammation in Primary Lung Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	15
105	IL-17A increases TNF- β -induced COX-2 protein stability and augments PGE2 secretion from airway smooth muscle cells: impact on β_2 -adrenergic receptor desensitization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 387-96	9.3	14
104	Evaluation of Transbronchial Lung Cryobiopsy Size and Freezing Time: A Prognostic Animal Study. <i>Respiration</i> , 2016 , 92, 34-9	3.7	21
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