

Brian Oliver

List of Publications by Citations

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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	Diversity and dynamics of the <i>Drosophila</i> transcriptome. <i>Nature</i> , 2014 , 512, 393-9	50.4	418
262	Balance of matrix metalloprotease-9 and tissue inhibitor of metalloprotease-1 from alveolar macrophages in cigarette smokers. Regulation by interleukin-10. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000 , 162, 1355-60	10.2	191
261	A new short-term mouse model of chronic obstructive pulmonary disease identifies a role for mast cell tryptase in pathogenesis. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 752-62	11.5	165
260	Comparative genome analysis of <i>Trichophyton rubrum</i> and related dermatophytes reveals candidate genes involved in infection. <i>MBio</i> , 2012 , 3, e00259-12	7.8	162
259	Role of <i>Candida albicans</i> transcription factor Upc2p in drug resistance and sterol metabolism. <i>Eukaryotic Cell</i> , 2004 , 3, 1391-7		157
258	Exhalation of respiratory viruses by breathing, coughing, and talking. <i>Journal of Medical Virology</i> , 2009 , 81, 1674-9	19.7	119
257	Rhinovirus exposure impairs immune responses to bacterial products in human alveolar macrophages. <i>Thorax</i> , 2008 , 63, 519-25	7.3	115
256	Combined <i>Haemophilus influenzae</i> respiratory infection and allergic airways disease drives chronic infection and features of neutrophilic asthma. <i>Thorax</i> , 2012 , 67, 588-99	7.3	114
255	Animal and translational models of SARS-CoV-2 infection and COVID-19. <i>Mucosal Immunology</i> , 2020 , 13, 877-891	9.2	106
254	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
253	Low-dose theophylline reduces eosinophilic inflammation but not exhaled nitric oxide in mild asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 164, 273-6	10.2	96
252	Expression of mRNAs for DNA methyltransferases and methyl-CpG-binding proteins in the human female germ line, preimplantation embryos, and embryonic stem cells. <i>Molecular Reproduction and Development</i> , 2004 , 67, 323-36	2.6	95
251	Maternal E-Cigarette Exposure in Mice Alters DNA Methylation and Lung Cytokine Expression in Offspring. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 58, 366-377	5.7	87
250	Sex- and tissue-specific functions of <i>Drosophila</i> doublesex transcription factor target genes. <i>Developmental Cell</i> , 2014 , 31, 761-73	10.2	83
249	A phosphodiesterase 4 inhibitor inhibits matrix protein deposition in airways in vitro. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 649-57	11.5	77
248	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. <i>JCI Insight</i> , 2016 , 1,	9.9	72
247	β ₂ -Agonist induced cAMP is decreased in asthmatic airway smooth muscle due to increased PDE4D. <i>PLoS ONE</i> , 2011 , 6, e20000	3.7	72

246	Autophagy Activation in Asthma Airways Remodeling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 541-553	5.7	70
245	Generating and testing molecular hypotheses in the dermatophytes. <i>Eukaryotic Cell</i> , 2008 , 7, 1238-45		69
244	Effect of interleukin-10 on the production of tumor necrosis factor-alpha by peripheral blood mononuclear cells from patients with chronic heart failure. <i>American Journal of Cardiology</i> , 2002 , 90, 384-9	3	68
243	Dimethylfumarate inhibits NF- κ B function at multiple levels to limit airway smooth muscle cell cytokine secretion. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009 , 297, L326-39	5.8	63
242	A new method for sampling and detection of exhaled respiratory virus aerosols. <i>Clinical Infectious Diseases</i> , 2008 , 46, 93-5	11.6	63
241	Chronic cigarette smoke exposure induces systemic hypoxia that drives intestinal dysfunction. <i>JCI Insight</i> , 2018 , 3,	9.9	62
240	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
239	Isolation, characterization and expression of the human Factor In the Germline alpha (FIGLA) gene in ovarian follicles and oocytes. <i>Molecular Human Reproduction</i> , 2002 , 8, 1087-95	4.4	61
238	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
237	Comparison of gel contraction mediated by airway smooth muscle cells from patients with and without asthma. <i>Thorax</i> , 2007 , 62, 848-54	7.3	60
236	Increased proinflammatory responses from asthmatic human airway smooth muscle cells in response to rhinovirus infection. <i>Respiratory Research</i> , 2006 , 7, 71	7.3	57
235	Sex-specific DoublesexM expression in subsets of Drosophila somatic gonad cells. <i>BMC Developmental Biology</i> , 2007 , 7, 113	3.1	55
234	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1785-1792	7.5	53
233	Reduction of tumstatin in asthmatic airways contributes to angiogenesis, inflammation, and hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 106-15	10.2	52
232	Effect of acute and chronic inflammatory stimuli on expression of protease-activated receptors 1 and 2 in alveolar macrophages. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 367-73	11.5	51
231	Tetracycline alters drug susceptibility in <i>Candida albicans</i> and other pathogenic fungi. <i>Microbiology (United Kingdom)</i> , 2008 , 154, 960-970	2.9	50
230	Bitter Taste Receptor Agonists Mitigate Features of Allergic Asthma in Mice. <i>Scientific Reports</i> , 2017 , 7, 46166	4.9	47
229	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, 305-313	11.5	47

228	Effect of IL-6 trans-signaling on the pro-remodeling phenotype of airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 292, L199-206	5.8	46
227	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
226	Fibulin-1 is increased in asthma--a novel mediator of airway remodeling?. <i>PLoS ONE</i> , 2010 , 5, e13360	3.7	45
225	TGF β 1 induces IL-6 and inhibits IL-8 release in human bronchial epithelial cells: the role of Smad2/3. <i>Journal of Cellular Physiology</i> , 2010 , 225, 846-54	7	45
224	The <i>Candida albicans</i> lanosterol 14-alpha-demethylase (ERG11) gene promoter is maximally induced after prolonged growth with antifungal drugs. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 1136-44	5.9	45
223	Impact of maternal cigarette smoke exposure on brain inflammation and oxidative stress in male mice offspring. <i>Scientific Reports</i> , 2016 , 6, 25881	4.9	45
222	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
221	cis-Acting elements within the <i>Candida albicans</i> ERG11 promoter mediate the azole response through transcription factor Upc2p. <i>Eukaryotic Cell</i> , 2007 , 6, 2231-9		43
220	Whole blood endotoxin responsiveness in patients with chronic heart failure: the importance of serum lipoproteins. <i>European Journal of Heart Failure</i> , 2005 , 7, 479-84	12.3	37
219	Whole-Genome Analysis Illustrates Global Clonal Population Structure of the Ubiquitous Dermatophyte Pathogen. <i>Genetics</i> , 2018 , 208, 1657-1669	4	36
218	Is low dose inhaled corticosteroid therapy as effective for inflammation and remodeling in asthma? A randomized, parallel group study. <i>Respiratory Research</i> , 2012 , 13, 11	7.3	36
217	Lipid profiles of female and male <i>Drosophila</i> . <i>BMC Research Notes</i> , 2011 , 4, 198	2.3	36
216	Matrix proteins from smoke-exposed fibroblasts are pro-proliferative. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 46, 34-9	5.7	36
215	Rhinovirus infection induces expression of airway remodelling factors in vitro and in vivo. <i>Respirology</i> , 2011 , 16, 367-77	3.6	35
214	Tissue and matrix influences on airway smooth muscle function. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009 , 22, 379-87	3.5	35
213	Differential neutrophil activation in viral infections: Enhanced TLR-7/8-mediated CXCL8 release in asthma. <i>Respirology</i> , 2016 , 21, 172-9	3.6	35
212	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
211	Molecular mechanisms of combination therapy with inhaled corticosteroids and long-acting beta-agonists. <i>Chest</i> , 2009 , 136, 1095-1100	5.3	34

210	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
209	Fibulin-1 predicts disease progression in patients with idiopathic pulmonary fibrosis. <i>Chest</i> , 2014 , 146, 1055-1063	5.3	32
208	Evidence of Biomass Smoke Exposure as a Causative Factor for the Development of COPD. <i>Toxics</i> , 2017 , 5,	4.7	32
207	Bronchial smooth muscle cells of asthmatics promote angiogenesis through elevated secretion of CXC-chemokines (ENA-78, GRO- α and IL-8). <i>PLoS ONE</i> , 2013 , 8, e81494	3.7	32
206	Translational Aspects of the Human Respiratory Virome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 1458-1464	10.2	32
205	Critical role for iron accumulation in the pathogenesis of fibrotic lung disease. <i>Journal of Pathology</i> , 2020 , 251, 49-62	9.4	31
204	Rhinovirus infection induces extracellular matrix protein deposition in asthmatic and nonasthmatic airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011 , 300, L951-7	5.8	31
203	Time-Based Measurement of Personal Mite Allergen Bioaerosol Exposure over 24 Hour Periods. <i>PLoS ONE</i> , 2016 , 11, e0153414	3.7	31
202	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
201	<i>Candida albicans</i> UPC2 is transcriptionally induced in response to antifungal drugs and anaerobicity through Upc2p-dependent and -independent mechanisms. <i>Microbiology (United Kingdom)</i> , 2008 , 154, 2748-2756	2.9	30
200	Effects of cigarette smoke extract on human airway smooth muscle cells in COPD. <i>European Respiratory Journal</i> , 2014 , 44, 634-46	13.6	29
199	Repertoire comparison of the B-cell receptor-encoding loci in humans and rhesus macaques by next-generation sequencing. <i>Clinical and Translational Immunology</i> , 2016 , 5, e93	6.8	28
198	MitoQ supplementation prevent long-term impact of maternal smoking on renal development, oxidative stress and mitochondrial density in male mice offspring. <i>Scientific Reports</i> , 2018 , 8, 6631	4.9	27
197	Exposure to biomass smoke extract enhances fibronectin release from fibroblasts. <i>PLoS ONE</i> , 2013 , 8, e83938	3.7	27
196	Inhibitors of Phosphodiesterase 4, but Not Phosphodiesterase 3, Increase β_2 -Agonist-Induced Expression of Antiinflammatory Mitogen-Activated Protein Kinase Phosphatase 1 in Airway Smooth Muscle Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 52, 634-40	5.7	26
195	Pulmonary suppressor of cytokine signaling-1 induced by IL-13 regulates allergic asthma phenotype. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 992-8	10.2	26
194	Integrative microbiomics in bronchiectasis exacerbations. <i>Nature Medicine</i> , 2021 , 27, 688-699	50.5	26
193	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

192	Profiling of healthy and asthmatic airway smooth muscle cells following interleukin-1 β treatment: a novel role for CCL20 in chronic mucus hypersecretion. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	25
191	Fibulin1C peptide induces cell attachment and extracellular matrix deposition in lung fibroblasts. <i>Scientific Reports</i> , 2015 , 5, 9496	4.9	25
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	Rhinovirus infections change DNA methylation and mRNA expression in children with asthma. <i>PLoS ONE</i> , 2018 , 13, e0205275	3.7	24
188	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
187	Rhinoviruses significantly affect day-to-day respiratory symptoms of children with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 663-9.e12	11.5	23
186	Emerging mediators of airway smooth muscle dysfunction in asthma. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013 , 26, 105-11	3.5	23
185	Characterising the mechanism of airway smooth muscle β_2 adrenoceptor desensitization by rhinovirus infected bronchial epithelial cells. <i>PLoS ONE</i> , 2013 , 8, e56058	3.7	23
184	Rhinovirus-induced exacerbations of asthma: How is the β_2 -adrenoceptor implicated?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010 , 43, 227-33	5.7	23
183	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
182	The phosphoinositide 3-kinase p110 β modulates contractile protein production and IL-6 release in human airway smooth muscle. <i>Journal of Cellular Physiology</i> , 2012 , 227, 3044-52	7	22
181	Doxycycline inhibits matrix metalloproteinase-2 secretion from TSC2-null mouse embryonic fibroblasts and lymphangioliomyomatosis cells. <i>British Journal of Pharmacology</i> , 2011 , 164, 83-92	8.6	22
180	Effects of Gene Dose, Chromatin, and Network Topology on Expression in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2016 , 12, e1006295	6	22
179	Reduced lung elastic recoil and fixed airflow obstruction in asthma. <i>Respirology</i> , 2020 , 25, 613-619	3.6	22
178	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
177	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
176	Gold nanoparticles improve metabolic profile of mice fed a high-fat diet. <i>Journal of Nanobiotechnology</i> , 2018 , 16, 11	9.4	21
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	SSP3 is a novel Plasmodium yoelii sporozoite surface protein with a role in gliding motility. <i>Infection and Immunity</i> , 2014 , 82, 4643-53	3.7	21
173	Airway smooth muscle and asthma. <i>Allergology International</i> , 2006 , 55, 215-23	4.4	21
172	Fibulin-1c regulates transforming growth factor- β activation in pulmonary tissue fibrosis. <i>JCI Insight</i> , 2019 , 5,	9.9	21
171	Evaluation of Transbronchial Lung Cryobiopsy Size and Freezing Time: A Prognostic Animal Study. <i>Respiration</i> , 2016 , 92, 34-9	3.7	21
170	Short-chain fatty acids increase TNF β induced inflammation in primary human lung mesenchymal cells through the activation of p38 MAPK. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019 , 316, L157-L174	5.8	21
169	Epigenetic impacts of maternal tobacco and e-vapour exposure on the offspring lung. <i>Clinical Epigenetics</i> , 2019 , 11, 32	7.7	20
168	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
167	Genomics of sex determination in Drosophila. <i>Briefings in Functional Genomics</i> , 2012 , 11, 387-94	4.9	20
166	Phosphatidylinositol 3-kinase isoform-specific effects in airway mesenchymal cell function. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 337, 557-66	4.7	20
165	TGF- β enhances deposition of perlecan from COPD airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L325-33	5.8	20
164	In vivo cleavage specificity of Trypanosoma brucei editosome endonucleases. <i>Nucleic Acids Research</i> , 2017 , 45, 4667-4686	20.1	19
163	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
162	Atopic asthmatic immune phenotypes associated with airway microbiota and airway obstruction. <i>PLoS ONE</i> , 2017 , 12, e0184566	3.7	19
161	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
160	The expression and activity of cathepsins D, H and K in asthmatic airways. <i>PLoS ONE</i> , 2013 , 8, e57245	3.7	19
159	Effect of Sphingosine 1-Phosphate on Cyclo-Oxygenase-2 Expression, Prostaglandin E2 Secretion, and β -Adrenergic Receptor Desensitization. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 128-35	5.7	18
158	A circadian based inflammatory response β implications for respiratory disease and treatment. <i>Sleep Science and Practice</i> , 2017 , 1,	1.2	18
157	Soluble HIV-1 envelope immunogens derived from an elite neutralizer elicit cross-reactive V1V2 antibodies and low potency neutralizing antibodies. <i>PLoS ONE</i> , 2014 , 9, e86905	3.7	18

156	Lamstatin--a novel inhibitor of lymphangiogenesis derived from collagen IV. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 3062-73	5.6	18
155	The UPC2 promoter in <i>Candida albicans</i> contains two cis-acting elements that bind directly to Upc2p, resulting in transcriptional autoregulation. <i>Eukaryotic Cell</i> , 2010 , 9, 1354-62		18
154	Differential regulation of extracellular matrix and soluble fibulin-1 levels by TGF- β in airway smooth muscle cells. <i>PLoS ONE</i> , 2013 , 8, e65544	3.7	18
153	A Mitochondrial Specific Antioxidant Reverses Metabolic Dysfunction and Fatty Liver Induced by Maternal Cigarette Smoke in Mice. <i>Nutrients</i> , 2019 , 11,	6.7	17
152	Preparation, characterization and in-vitro efficacy of quercetin loaded liquid crystalline nanoparticles for the treatment of asthma. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 54, 101297	4.5	17
151	Low-dose theophylline does not exert its anti-inflammatory effects in mild asthma through upregulation of interleukin-10 in alveolar macrophages. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2001 , 56, 1087-90	9.3	17
150	Dietary Fatty Acids Amplify Inflammatory Responses to Infection through p38 MAPK Signaling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 554-568	5.7	17
149	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
148	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
147	Prostaglandins but not leukotrienes alter extracellular matrix protein deposition and cytokine release in primary human airway smooth muscle cells and fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 303, L239-50	5.8	16
146	Regulation of protease-activated receptor-1 in mononuclear cells by neutrophil proteases. <i>Respiratory Medicine</i> , 2003 , 97, 228-33	4.6	16
145	A novel immunomodulatory function of neutrophils on rhinovirus-activated monocytes in vitro. <i>Thorax</i> , 2016 , 71, 1039-1049	7.3	16
144	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
143	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020 , 317, 108947	5	15
142	Using multiple online databases to help identify microRNAs regulating the airway epithelial cell response to a virus-like stimulus. <i>Respirology</i> , 2015 , 20, 1206-12	3.6	15
141	Biomass Smoke Exposure Enhances Rhinovirus-Induced Inflammation in Primary Lung Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	15
140	Impact of maternal cigarette smoke exposure on brain and kidney health outcomes in female offspring. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 1168-1176	3	15
139	Differential deposition of fibronectin by asthmatic bronchial epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L1093-102	5.8	14

138	Response of airway epithelial cells to double-stranded RNA in an allergic environment. <i>Translational Respiratory Medicine</i> , 2014 , 2, 11		14
137	Airway smooth muscle CXCR3 ligand production: regulation by JAK-STAT1 and intracellular Ca ²⁺ . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 304, L790-802	5.8	14
136	β ₂ -Agonists upregulate PDE4 mRNA but not protein or activity in human airway smooth muscle cells from asthmatic and nonasthmatic volunteers. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L334-42	5.8	14
135	Calcified microspheres as biological entities and their isolation from bone. <i>The Histochemical Journal</i> , 1999 , 31, 455-70		14
134	IL-17A increases TNF-α-induced COX-2 protein stability and augments PGE ₂ 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
133	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
132	CD40 and OX40 ligand are differentially regulated on asthmatic airway smooth muscle. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2009 , 64, 1074-82	9.3	13
131	Th1 cytokine-induced syndecan-4 shedding by airway smooth muscle cells is dependent on mitogen-activated protein kinases. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L700-10	5.8	13
130	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
129	A recombinant antibody against Plasmodium vivax UIS4 for distinguishing replicating from dormant liver stages. <i>Malaria Journal</i> , 2018 , 17, 370	3.6	13
128	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
127	Tumstatin fragment selectively inhibits neutrophil infiltration in experimental asthma exacerbation. <i>Clinical and Experimental Allergy</i> , 2018 , 48, 1483-1493	4.1	12
126	Inhibition of phosphodiesterase 4 modulates cytokine induction from toll like receptor activated, but not rhinovirus infected, primary human airway smooth muscle. <i>Respiratory Research</i> , 2013 , 14, 127	7.3	12
125	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> , 2015 , 3, 2583-2589	7.3	12
124	What can in vitro models of COPD tell us?. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011 , 24, 471-7	3.5	12
123	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
122	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
121	Exposure to Air Pollution Exacerbates Inflammation in Rats with Preexisting COPD. <i>Mediators of Inflammation</i> , 2020 , 2020, 4260204	4.3	10

120	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
119	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
118	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
117	Analysis by proteomics reveals unique circulatory proteins in idiopathic pulmonary fibrosis. <i>Respirology</i> , 2019 , 24, 1111-1114	3.6	10
116	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
115	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> , 2015 , 12, 2625-32	5.6	9
114	Maternal L-carnitine supplementation improves glucose and lipid profiles in female offspring of dams exposed to cigarette smoke. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018 , 45, 694-703	3.7	9
113	Phenotype and Functional Features of Human Telomerase Reverse Transcriptase Immortalized Human Airway Smooth Muscle Cells from Asthmatic and Non-Asthmatic Donors. <i>Scientific Reports</i> , 2018 , 8, 805	4.9	9
112	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
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