

# Brian Oliver

## List of Publications by Year in descending order

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361  
papers

9,315  
citations

50273

46  
h-index

71682

76  
g-index

385  
all docs

385  
docs citations

385  
times ranked

13198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity and dynamics of the <i>Drosophila</i> transcriptome. <i>Nature</i> , 2014, 512, 393-399.	27.8	647
2	Balance of Matrix Metalloprotease-9 and Tissue Inhibitor of Metalloprotease-1 from Alveolar Macrophages in Cigarette Smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 1355-1360.	5.6	221
3	Comparative Genome Analysis of <i>Trichophyton rubrum</i> and Related Dermatophytes Reveals Candidate Genes Involved in Infection. <i>MBio</i> , 2012, 3, e00259-12.	4.1	211
4	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, 752-762.e7.	2.9	210
5	Role of <i>Candida albicans</i> Transcription Factor Upc2p in Drug Resistance and Sterol Metabolism. <i>Eukaryotic Cell</i> , 2004, 3, 1391-1397.	3.4	200
6	Animal and translational models of SARS-CoV-2 infection and COVID-19. <i>Mucosal Immunology</i> , 2020, 13, 877-891.	6.0	155
7	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.	2.8	154
8	Exhalation of respiratory viruses by breathing, coughing, and talking. <i>Journal of Medical Virology</i> , 2009, 81, 1674-1679.	5.0	147
9	Combined <i>Haemophilus influenzae</i> respiratory infection and allergic airways disease drives chronic infection and features of neutrophilic asthma. <i>Thorax</i> , 2012, 67, 588-599.	5.6	137
10	Rhinovirus exposure impairs immune responses to bacterial products in human alveolar macrophages. <i>Thorax</i> , 2008, 63, 519-525.	5.6	136
11	Sex- and Tissue-Specific Functions of <i>Drosophila</i> Doublesex Transcription Factor Target Genes. <i>Developmental Cell</i> , 2014, 31, 761-773.	7.0	122
12	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.	2.9	117
13	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, 323-336.	2.0	110
14	Autophagy Activation in Asthma Airways Remodeling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 541-553.	2.9	108
15	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, 273-276.	5.6	105
16	Integrative microbiomics in bronchiectasis exacerbations. <i>Nature Medicine</i> , 2021, 27, 688-699.	30.7	105
17	Chronic cigarette smoke exposure induces systemic hypoxia that drives intestinal dysfunction. <i>JCI Insight</i> , 2018, 3, .	5.0	103
18	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. <i>JCI Insight</i> , 2016, 1, .	5.0	100

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19	Linking EPCR-Binding PfEMP1 to Brain Swelling in Pediatric Cerebral Malaria. <i>Cell Host and Microbe</i> , 2017, 22, 601-614.e5.	11.0	92
20	A phosphodiesterase 4 inhibitor inhibits matrix protein deposition in airways in vitro. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 649-657.	2.9	84
21	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.	2.9	83
22	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.	5.7	83
23	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. <i>Journal of Pathology</i> , 2017, 243, 510-523.	4.5	81
24	Î2-Agonist Induced cAMP Is Decreased in Asthmatic Airway Smooth Muscle Due to Increased PDE4D. <i>PLoS ONE</i> , 2011, 6, e20000.	2.5	81
25	A New Method for Sampling and Detection of Exhaled Respiratory Virus Aerosols. <i>Clinical Infectious Diseases</i> , 2008, 46, 93-95.	5.8	80
26	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1785-1792.	5.6	79
27	Comparison of gel contraction mediated by airway smooth muscle cells from patients with and without asthma. <i>Thorax</i> , 2007, 62, 848-854.	5.6	78
28	Generating and Testing Molecular Hypotheses in the Dermatophytes. <i>Eukaryotic Cell</i> , 2008, 7, 1238-1245.	3.4	78
29	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, 384-389.	1.6	77
30	Dimethylfumarate inhibits NF-ÎB 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-L339.	2.9	76
31	Bitter Taste Receptor Agonists Mitigate Features of Allergic Asthma in Mice. <i>Scientific Reports</i> , 2017, 7, 46166.	3.3	76
32	Chronic Rhinosinusitis: Potential Role of Microbial Dysbiosis and Recommendations for Sampling Sites. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 57.	3.9	75
33	Increased proinflammatory responses from asthmatic human airway smooth muscle cells in response to rhinovirus infection. <i>Respiratory Research</i> , 2006, 7, 71.	3.6	73
34	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, 1087-1095.	2.8	70
35	Critical role for iron accumulation in the pathogenesis of fibrotic lung disease. <i>Journal of Pathology</i> , 2020, 251, 49-62.	4.5	67
36	Reduction of Tumstatin in Asthmatic Airways Contributes to Angiogenesis, Inflammation, and Hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 106-115.	5.6	65

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37	Sex-specific DoublesexM expression in subsets of Drosophila somatic gonad cells. BMC Developmental Biology, 2007, 7, 113.	2.1	64
38	Viral infections and asthma: an inflammatory interface?. European Respiratory Journal, 2014, 44, 1666-1681.	6.7	63
39	Impact of maternal cigarette smoke exposure on brain inflammation and oxidative stress in male mice offspring. Scientific Reports, 2016, 6, 25881.	3.3	60
40	Effect of IL-6 trans-signaling on the pro-remodeling phenotype of airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L199-L206.	2.9	58
41	Tetracycline alters drug susceptibility in <i>Candida albicans</i> and other pathogenic fungi. Microbiology (United Kingdom), 2008, 154, 960-970.	1.8	58
42	Evidence of Biomass Smoke Exposure as a Causative Factor for the Development of COPD. Toxics, 2017, 5, 36.	3.7	58
43	The <i>Candida albicans</i> Lanosterol 14 $\alpha$ -Demethylase ( ERG11 ) Gene Promoter Is Maximally Induced after Prolonged Growth with Antifungal Drugs. Antimicrobial Agents and Chemotherapy, 2004, 48, 1136-1144.	3.2	56
44	Nrf2-interacting nutrients and COVID-19: time for research to develop adaptation strategies. Clinical and Translational Allergy, 2020, 10, 58.	3.2	56
45	Effect of acute and chronic inflammatory stimuli on expression of protease-activated receptors 1 and 2 in alveolar macrophages. Journal of Allergy and Clinical Immunology, 2003, 111, 367-373.	2.9	55
46	Fibulin-1 Is Increased in Asthma – A Novel Mediator of Airway Remodeling?. PLoS ONE, 2010, 5, e13360.	2.5	55
47	<i>cis</i> -Acting Elements within the <i>Candida albicans</i> ERG11 Promoter Mediate the Azole Response through Transcription Factor Upc2p. Eukaryotic Cell, 2007, 6, 2231-2239.	3.4	53
48	Pulmonary inflammation induced by low-dose particulate matter exposure in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L424-L430.	2.9	50
49	Translational Aspects of the Human Respiratory Virome. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1458-1464.	5.6	49
50	Whole-Genome Analysis Illustrates Global Clonal Population Structure of the Ubiquitous Dermatophyte Pathogen <i>Trichophyton rubrum</i> . Genetics, 2018, 208, 1657-1669.	2.9	48
51	TGF $\beta$ 1 induces IL $\beta$ 6 and inhibits IL $\beta$ 8 release in human bronchial epithelial cells: The role of Smad2/3. Journal of Cellular Physiology, 2010, 225, 846-854.	4.1	47
52	Lipid profiles of female and male <i>Drosophila</i> . BMC Research Notes, 2011, 4, 198.	1.4	47
53	A method for the isolation and characterization of functional murine monoclonal antibodies by single B cell cloning. Journal of Immunological Methods, 2017, 448, 66-73.	1.4	47
54	Rhinovirus infection induces extracellular matrix protein deposition in asthmatic and nonasthmatic airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L951-L957.	2.9	44

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55	Heat or Burn? Impacts of Intrauterine Tobacco Smoke and E-Cigarette Vapor Exposure on the Offspring's Health Outcome. <i>Toxics</i> , 2018, 6, 43.	3.7	44
56	Rhinovirus infection induces expression of airway remodelling factors in vitro and in vivo. <i>Respirology</i> , 2011, 16, 367-377.	2.3	43
57	Matrix Proteins from Smoke-Exposed Fibroblasts Are Pro-proliferative. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 34-39.	2.9	43
58	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.	3.8	43
59	Whole blood endotoxin responsiveness in patients with chronic heart failure: the importance of serum lipoproteins. <i>European Journal of Heart Failure</i> , 2005, 7, 479-484.	7.1	42
60	Fibulin-1 Predicts Disease Progression in Patients With Idiopathic Pulmonary Fibrosis. <i>Chest</i> , 2014, 146, 1055-1063.	0.8	42
61	Differential neutrophil activation in viral infections: Enhanced TLR7-mediated CXCL8 release in asthma. <i>Respirology</i> , 2016, 21, 172-179.	2.3	42
62	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.	6.4	42
63	Fibulin-1c regulates transforming growth factor $\beta$ 2 activation in pulmonary tissue fibrosis. <i>JCI Insight</i> , 2019, 4, .	5.0	42
64	Molecular Mechanisms of Combination Therapy With Inhaled Corticosteroids and Long-Acting $\beta$ 2-Agonists. <i>Chest</i> , 2009, 136, 1095-1100.	0.8	41
65	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.	3.6	41
66	Tissue and matrix influences on airway smooth muscle function. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009, 22, 379-387.	2.6	40
67	Effects of cigarette smoke extract on human airway smooth muscle cells in COPD. <i>European Respiratory Journal</i> , 2014, 44, 634-646.	6.7	40
68	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. <i>European Respiratory Journal</i> , 2020, 55, 1901340.	6.7	40
69	Berberine-loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. <i>Environmental Science and Pollution Research</i> , 2022, 29, 46830-46847.	5.3	40
70	Rhinovirus infections change DNA methylation and mRNA expression in children with asthma. <i>PLoS ONE</i> , 2018, 13, e0205275.	2.5	39
71	Short-chain fatty acids increase TNF $\alpha$ -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.	2.9	39
72	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.	2.9	39

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73	Bronchial Smooth Muscle Cells of Asthmatics Promote Angiogenesis through Elevated Secretion of CXC-Chemokines (ENA-78, GRO- $\beta$ , and IL-8). <i>PLoS ONE</i> , 2013, 8, e81494.	2.5	39
74	Profiling of healthy and asthmatic airway smooth muscle cells following interleukin-1 $\beta$ treatment: a novel role for CCL20 in chronic mucus hypersecretion. <i>European Respiratory Journal</i> , 2018, 52, 1800310.	6.7	38
75	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.	2.1	38
76	Effects of Gene Dose, Chromatin, and Network Topology on Expression in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2016, 12, e1006295.	3.5	38
77	Fibulin1C peptide induces cell attachment and extracellular matrix deposition in lung fibroblasts. <i>Scientific Reports</i> , 2015, 5, 9496.	3.3	37
78	A circadian based inflammatory response – implications for respiratory disease and treatment. <i>Sleep Science and Practice</i> , 2017, 1, .	1.3	37
79	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.	3.7	37
80	Time-Based Measurement of Personal Mite Allergen Bioaerosol Exposure over 24 Hour Periods. <i>PLoS ONE</i> , 2016, 11, e0153414.	2.5	37
81	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.	3.3	36
82	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.	2.9	36
83	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020, 317, 108947.	4.0	36
84	<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.	1.8	35
85	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, 992-998.	5.6	35
86	Gold nanoparticles improve metabolic profile of mice fed a high-fat diet. <i>Journal of Nanobiotechnology</i> , 2018, 16, 11.	9.1	35
87	Exposure to Biomass Smoke Extract Enhances Fibronectin Release from Fibroblasts. <i>PLoS ONE</i> , 2013, 8, e83938.	2.5	35
88	Emerging mediators of airway smooth muscle dysfunction in asthma. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013, 26, 105-111.	2.6	33
89	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.	3.8	33
90	Reduced lung elastic recoil and fixed airflow obstruction in asthma. <i>Respirology</i> , 2020, 25, 613-619.	2.3	33

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91	The health effects of traffic-related air pollution: A review focused the health effects of going green. <i>Chemosphere</i> , 2022, 289, 133082.	8.2	33
92	Rhinovirus-Induced Exacerbations of Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 227-233.	2.9	32
93	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.	1.9	32
94	A recombinant antibody against <i>Plasmodium vivax</i> UIS4 for distinguishing replicating from dormant liver stages. <i>Malaria Journal</i> , 2018, 17, 370.	2.3	32
95	Characterising the Mechanism of Airway Smooth Muscle $\beta_2$ Adrenoceptor Desensitization by Rhinovirus Infected Bronchial Epithelial Cells. <i>PLoS ONE</i> , 2013, 8, e56058.	2.5	31
96	Kappa chain maturation helps drive rapid development of an infant HIV-1 broadly neutralizing antibody lineage. <i>Nature Communications</i> , 2019, 10, 2190.	12.8	31
97	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.	2.9	30
98	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.	2.9	30
99	The <i>UPC2</i> Promoter in <i>Candida albicans</i> Contains Two <i>cis</i> -Acting Elements That Bind Directly to <i>Upc2p</i> , Resulting in Transcriptional Autoregulation. <i>Eukaryotic Cell</i> , 2010, 9, 1354-1362.	3.4	29
100	SSP3 Is a Novel <i>Plasmodium yoelii</i> Sporozoite Surface Protein with a Role in Gliding Motility. <i>Infection and Immunity</i> , 2014, 82, 4643-4653.	2.2	29
101	Inhibitors of Phosphodiesterase 4, but Not Phosphodiesterase 3, Increase $\beta_2$ -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, 634-640.	2.9	29
102	In vivo cleavage specificity of <i>Trypanosoma brucei</i> editosome endonucleases. <i>Nucleic Acids Research</i> , 2017, 45, 4667-4686.	14.5	29
103	Atopic asthmatic immune phenotypes associated with airway microbiota and airway obstruction. <i>PLoS ONE</i> , 2017, 12, e0184566.	2.5	29
104	Epigenetic impacts of maternal tobacco and e-vapour exposure on the offspring lung. <i>Clinical Epigenetics</i> , 2019, 11, 32.	4.1	29
105	A Mitochondrial Specific Antioxidant Reverses Metabolic Dysfunction and Fatty Liver Induced by Maternal Cigarette Smoke in Mice. <i>Nutrients</i> , 2019, 11, 1669.	4.1	28
106	The phosphoinositide 3-kinase p110 $\delta$ modulates contractile protein production and IL-6 release in human airway smooth muscle. <i>Journal of Cellular Physiology</i> , 2012, 227, 3044-3052.	4.1	27
107	Rhinoviruses significantly affect day-to-day respiratory symptoms of children with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 663-669.e12.	2.9	27
108	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.	2.0	27

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109	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.	3.0	27
110	COPD-derived fibroblasts secrete higher levels of senescence-associated secretory phenotype proteins. <i>Thorax</i> , 2021, 76, 508-511.	5.6	27
111	Effects of air pollution on human health – Mechanistic evidence suggested by in vitro and in vivo modelling. <i>Environmental Research</i> , 2022, 212, 113378.	7.5	27
112	Airway Smooth Muscle and Asthma. <i>Allergology International</i> , 2006, 55, 215-223.	3.3	26
113	Doxycycline inhibits matrix metalloproteinase-2 secretion from TSC2-null mouse embryonic fibroblasts and lymphangioloiomatosis cells. <i>British Journal of Pharmacology</i> , 2011, 164, 83-92.	5.4	26
114	The Expression and Activity of Cathepsins D, H and K in Asthmatic Airways. <i>PLoS ONE</i> , 2013, 8, e57245.	2.5	25
115	Evaluation of Transbronchial Lung Cryobiopsy Size and Freezing Time: A Prognostic Animal Study. <i>Respiration</i> , 2016, 92, 34-39.	2.6	25
116	Exposure to Air Pollution Exacerbates Inflammation in Rats with Preexisting COPD. <i>Mediators of Inflammation</i> , 2020, 2020, 1-12.	3.0	25
117	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.	2.9	25
118	Phosphatidylinositol 3-Kinase Isoform-Specific Effects in Airway Mesenchymal Cell Function. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 557-566.	2.5	24
119	The Micronemal Plasmodium 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.	3.9	24
120	Dietary $\omega$ -6 polyunsaturated fatty acid arachidonic acid increases inflammation, but inhibits ECM protein expression in COPD. <i>Respiratory Research</i> , 2018, 19, 211.	3.6	24
121	Differential Regulation of Extracellular Matrix and Soluble Fibulin-1 Levels by TGF- $\beta$ 1 in Airway Smooth Muscle Cells. <i>PLoS ONE</i> , 2013, 8, e65544.	2.5	24
122	Nuclear factor-kappa B (NF- $\kappa$ B) inhibition as a therapeutic target for plant nutraceuticals in mitigating inflammatory lung diseases. <i>Chemico-Biological Interactions</i> , 2022, 354, 109842.	4.0	24
123	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.	5.1	24
124	Genomics of sex determination in <i>Drosophila</i> . <i>Briefings in Functional Genomics</i> , 2012, 11, 387-394.	2.7	23
125	Maternal L-Carnitine Supplementation Improves Brain Health in Offspring from Cigarette Smoke Exposed Mothers. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 33.	2.9	23
126	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, 1087-1090.	5.7	22



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127	TGF- $\beta$ 2 enhances deposition of perlecan from COPD airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L325-L333.	2.9	22
128	Lamstatin is a novel inhibitor of lymphangiogenesis derived from collagen IV. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 3062-3073.	3.6	22
129	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.	2.5	22
130	A novel immunomodulatory function of neutrophils on rhinovirus-activated monocytes in vitro. <i>Thorax</i> , 2016, 71, 1039-1049.	5.6	22
131	Effect of Sphingosine 1-Phosphate on Cyclo-Oxygenase-2 Expression, Prostaglandin E <sub>2</sub> Secretion, and $\beta$ -Adrenergic Receptor Desensitization. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 128-135.	2.9	22
132	Maternal Cigarette Smoke Exposure Worsens Neurological Outcomes in Adolescent Offspring with Hypoxic-Ischemic Injury. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 306.	2.9	22
133	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.	1.2	22
134	Recent trends of NF- $\kappa$ B decoy oligodeoxynucleotide-based nanotherapeutics in lung diseases. <i>Journal of Controlled Release</i> , 2021, 337, 629-644.	9.9	21
135	Protein and peptide delivery to lungs by using advanced targeted drug delivery. <i>Chemico-Biological Interactions</i> , 2022, 351, 109706.	4.0	21
136	Nutraceuticals: unlocking newer paradigms in the mitigation of inflammatory lung diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3302-3332.	10.3	21
137	In-utero exposure to air pollution and early-life neural development and cognition. <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113589.	6.0	21
138	Calcified microspheres as biological entities and their isolation from bone. <i>The Histochemical Journal</i> , 1999, 31, 455-470.	0.6	20
139	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-L250.	2.9	20
140	Particulate Matter, an Intrauterine Toxin Affecting Foetal Development and Beyond. <i>Antioxidants</i> , 2021, 10, 732.	5.1	19
141	Using multiple online databases to help identify microRNAs regulating the airway epithelial cell response to a virus-like stimulus. <i>Respirology</i> , 2015, 20, 1206-1212.	2.3	18
142	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.	2.9	18
143	Tumstatin fragment selectively inhibits neutrophil infiltration in experimental asthma exacerbation. <i>Clinical and Experimental Allergy</i> , 2018, 48, 1483-1493.	2.9	18
144	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.	4.3	18

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145	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.	3.8	18
146	Expanding the arsenal against pulmonary diseases using surface-functionalized polymeric micelles: breakthroughs and bottlenecks. <i>Nanomedicine</i> , 2022, 17, 881-911.	3.3	18
147	What can in vitro models of COPD tell us?. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011, 24, 471-477.	2.6	17
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