Brian Oliver

List of Publications by Year in descending order

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361 papers	9,315 citations	50276 46 h-index	71685 76 g-index
385 all docs	385 docs citations	385 times ranked	13198 citing authors

#	Article	IF	Citations
1	Diversity and dynamics of the Drosophila transcriptome. Nature, 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. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 1355-1360.	5.6	221
3	Comparative Genome Analysis of Trichophyton rubrum and Related Dermatophytes Reveals Candidate Genes Involved in Infection. MBio, 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. Journal of Allergy and Clinical Immunology, 2013, 131, 752-762.e7.	2.9	210
5	Role of Candida albicans Transcription Factor Upc2p in Drug Resistance and Sterol Metabolism. Eukaryotic Cell, 2004, 3, 1391-1397.	3.4	200
6	Animal and translational models of SARS-CoV-2 infection and COVID-19. Mucosal Immunology, 2020, 13, 877-891.	6.0	155
7	Comparison of normalization and differential expression analyses using RNA-Seq data from 726 individual Drosophila melanogaster. BMC Genomics, 2016, 17, 28.	2.8	154
8	Exhalation of respiratory viruses by breathing, coughing, and talking. Journal of Medical Virology, 2009, 81, 1674-1679.	5.0	147
9	CombinedHaemophilus influenzaerespiratory infection and allergic airways disease drives chronic infection and features of neutrophilic asthma. Thorax, 2012, 67, 588-599.	5.6	137
10	Rhinovirus exposure impairs immune responses to bacterial products in human alveolar macrophages. Thorax, 2008, 63, 519-525.	5.6	136
11	Sex- and Tissue-Specific Functions of Drosophila Doublesex Transcription Factor Target Genes. Developmental Cell, 2014, 31, 761-773.	7.0	122
12	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.	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. Molecular Reproduction and Development, 2004, 67, 323-336.	2.0	110
14	Autophagy Activation in Asthma Airways Remodeling. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 541-553.	2.9	108
15	Low-dose Theophylline Reduces Eosinophilic Inflammation but Not Exhaled Nitric Oxide in Mild Asthma. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 273-276.	5.6	105
16	Integrative microbiomics in bronchiectasis exacerbations. Nature Medicine, 2021, 27, 688-699.	30.7	105
17	Chronic cigarette smoke exposure induces systemic hypoxia that drives intestinal dysfunction. JCI Insight, 2018, 3, .	5.0	103
18	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. JCI Insight, 2016, 1, .	5.0	100

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19	Linking EPCR-Binding PfEMP1 to Brain Swelling in Pediatric Cerebral Malaria. Cell Host and Microbe, 2017, 22, 601-614.e5.	11.0	92
20	A phosphodiesterase 4 inhibitor inhibits matrix protein deposition in airways in vitro. Journal of Allergy and Clinical Immunology, 2006, 118, 649-657.	2.9	84
21	Saturated fatty acids, obesity, and the nucleotide oligomerization domainâ€"like receptor protein 3 (NLRP3) inflammasome in asthmatic patients. Journal of Allergy and Clinical Immunology, 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 COVIDâ€19. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 735-750.	5.7	83
23	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. Journal of Pathology, 2017, 243, 510-523.	4.5	81
24	Î²2-Agonist Induced cAMP Is Decreased in Asthmatic Airway Smooth Muscle Due to Increased PDE4D. PLoS ONE, 2011, 6, e20000.	2.5	81
25	A New Method for Sampling and Detection of Exhaled Respiratory Virus Aerosols. Clinical Infectious Diseases, 2008, 46, 93-95.	5.8	80
26	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. Biomedicine and Pharmacotherapy, 2019, 109, 1785-1792.	5.6	79
27	Comparison of gel contraction mediated by airway smooth muscle cells from patients with and without asthma. Thorax, 2007, 62, 848-854.	5.6	78
28	Generating and Testing Molecular Hypotheses in the Dermatophytes. Eukaryotic Cell, 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. American Journal of Cardiology, 2002, 90, 384-389.	1.6	77
30	Dimethylfumarate inhibits NF-ÎºB function at multiple levels to limit airway smooth muscle cell cytokine secretion. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L326-L339.	2.9	76
31	Bitter Taste Receptor Agonists Mitigate Features of Allergic Asthma in Mice. Scientific Reports, 2017, 7, 46166.	3.3	76
32	Chronic Rhinosinusitis: Potential Role of Microbial Dysbiosis and Recommendations for Sampling Sites. Frontiers in Cellular and Infection Microbiology, 2018, 8, 57.	3.9	75
33	Increased proinflammatory responses from asthmatic human airway smooth muscle cells in response to rhinovirus infection. Respiratory Research, 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. Molecular Human Reproduction, 2002, 8, 1087-1095.	2.8	70
35	Critical role for iron accumulation in the pathogenesis of fibrotic lung disease. Journal of Pathology, 2020, 251, 49-62.	4.5	67
36	Reduction of Tumstatin in Asthmatic Airways Contributes to Angiogenesis, Inflammation, and Hyperresponsiveness. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 106-115.	5.6	65

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37	Sex-specific DoublesexM expression in subsets of Drosophilasomatic 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 Candida albicans 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 Candida albicans Lanosterol 14-Î±-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 â€“ A Novel Mediator of Airway Remodeling?. PLoS ONE, 2010, 5, e13360.	2.5	55
47	cis -Acting Elements within the Candida albicans 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 Trichophyton rubrum. Genetics, 2018, 208, 1657-1669.	2.9	48
51	TGFÎ²1 induces ILâ€6 and inhibits ILâ€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 Drosophila. 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 Offspringâ€™s Health Outcome. Toxics, 2018, 6, 43.	3.7	44
56	Rhinovirus infection induces expression of airway remodelling factors in vitro and in vivo. Respirology, 2011, 16, 367-377.	2.3	43
57	Matrix Proteins from Smoke-Exposed Fibroblasts Are Pro-proliferative. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 34-39.	2.9	43
58	Repertoire comparison of the Bâ€cell receptorâ€encoding loci in humans and rhesus macaques by nextâ€generation sequencing. Clinical and Translational Immunology, 2016, 5, e93.	3.8	43
59	Whole blood endotoxin responsiveness in patients with chronic heart failure: the importance of serum lipoproteins. European Journal of Heart Failure, 2005, 7, 479-484.	7.1	42
60	Fibulin-1 Predicts Disease Progression in Patients With Idiopathic Pulmonary Fibrosis. Chest, 2014, 146, 1055-1063.	0.8	42
61	Differential neutrophil activation in viral infections: Enhanced <scp>TLR</scp>â€7/8â€mediated <scp>CXCL</scp>8 release in asthma. Respirology, 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. Cell Reports, 2016, 17, 1560-1570.	6.4	42
63	Fibulin-1c regulates transforming growth factorâ€“Î² activation in pulmonary tissue fibrosis. JCI Insight, 2019, 4, .	5.0	42
64	Molecular Mechanisms of Combination Therapy With Inhaled Corticosteroids and Long-Acting Î²-Agonists. Chest, 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. Respiratory Research, 2012, 13, 11.	3.6	41
66	Tissue and matrix influences on airway smooth muscle function. Pulmonary Pharmacology and Therapeutics, 2009, 22, 379-387.	2.6	40
67	Effects of cigarette smoke extract on human airway smooth muscle cells in COPD. European Respiratory Journal, 2014, 44, 634-646.	6.7	40
68	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. European Respiratory Journal, 2020, 55, 1901340.	6.7	40
69	Berberine-loaded liquid crystalline nanoparticles inhibit non-small cell lung cancer proliferation and migration in vitro. Environmental Science and Pollution Research, 2022, 29, 46830-46847.	5.3	40
70	Rhinovirus infections change DNA methylation and mRNA expression in children with asthma. PLoS ONE, 2018, 13, e0205275.	2.5	39
71	Short-chain fatty acids increase TNFÎ±-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.	2.9	39
72	Is there an association between the level of ambient air pollution and COVID-19?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 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-Î±, and IL-8). PLoS ONE, 2013, 8, e81494.	2.5	39
74	Profiling of healthy and asthmatic airway smooth muscle cells following interleukin-1Î² treatment: a novel role for CCL20 in chronic mucus hypersecretion. European Respiratory Journal, 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. Neuroscience Letters, 2018, 684, 61-66.	2.1	38
76	Effects of Gene Dose, Chromatin, and Network Topology on Expression in Drosophila melanogaster. PLoS Genetics, 2016, 12, e1006295.	3.5	38
77	Fibulin1C peptide induces cell attachment and extracellular matrix deposition in lung fibroblasts. Scientific Reports, 2015, 5, 9496.	3.3	37
78	A circadian based inflammatory response â€“ implications for respiratory disease and treatment. Sleep Science and Practice, 2017, 1, .	1.3	37
79	Why Do Intrauterine Exposure to Air Pollution and Cigarette Smoke Increase the Risk of Asthma?. Frontiers in Cell and Developmental Biology, 2020, 8, 38.	3.7	37
80	Time-Based Measurement of Personal Mite Allergen Bioaerosol Exposure over 24 Hour Periods. PLoS ONE, 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. Scientific Reports, 2018, 8, 6631.	3.3	36
82	Link between increased cellular senescence and extracellular matrix changes in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L48-L60.	2.9	36
83	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. Chemico-Biological Interactions, 2020, 317, 108947.	4.0	36
84	Candida albicans UPC2 is transcriptionally induced in response to antifungal drugs and anaerobicity through Upc2p-dependent and -independent mechanisms. Microbiology (United Kingdom), 2008, 154, 2748-2756.	1.8	35
85	Pulmonary Suppressor of Cytokine Signaling-1 Induced by IL-13 Regulates Allergic Asthma Phenotype. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 992-998.	5.6	35
86	Gold nanoparticles improve metabolic profile of mice fed a high-fat diet. Journal of Nanobiotechnology, 2018, 16, 11.	9.1	35
87	Exposure to Biomass Smoke Extract Enhances Fibronectin Release from Fibroblasts. PLoS ONE, 2013, 8, e83938.	2.5	35
88	Emerging mediators of airway smooth muscle dysfunction in asthma. Pulmonary Pharmacology and Therapeutics, 2013, 26, 105-111.	2.6	33
89	Impact of maternal eâ€cigarette vapor exposure on renal health in the offspring. Annals of the New York Academy of Sciences, 2019, 1452, 65-77.	3.8	33
90	Reduced lung elastic recoil and fixed airflow obstruction in asthma. Respirology, 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. Chemosphere, 2022, 289, 133082.	8.2	33
92	Rhinovirus-Induced Exacerbations of Asthma. American Journal of Respiratory Cell and Molecular Biology, 2010, 43, 227-233.	2.9	32
93	Moderate traumatic brain injury is linked to acute behaviour deficits and long term mitochondrial alterations. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 1107-1114.	1.9	32
94	A recombinant antibody against Plasmodium vivax UIS4 for distinguishing replicating from dormant liver stages. Malaria Journal, 2018, 17, 370.	2.3	32
95	Characterising the Mechanism of Airway Smooth Muscle Î²2 Adrenoceptor Desensitization by Rhinovirus Infected Bronchial Epithelial Cells. PLoS ONE, 2013, 8, e56058.	2.5	31
96	Kappa chain maturation helps drive rapid development of an infant HIV-1 broadly neutralizing antibody lineage. Nature Communications, 2019, 10, 2190.	12.8	31
97	Effect of long-term maternal smoking on the offspringâ€™s lung health. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L416-L423.	2.9	30
98	Dietary Fatty Acids Amplify Inflammatory Responses to Infection through p38 MAPK Signaling. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 554-568.	2.9	30
99	The UPC2 Promoter in Candida albicans Contains Two cis -Acting Elements That Bind Directly to Upc2p, Resulting in Transcriptional Autoregulation. Eukaryotic Cell, 2010, 9, 1354-1362.	3.4	29
100	SSP3 Is a Novel Plasmodium yoelii Sporozoite Surface Protein with a Role in Gliding Motility. Infection and Immunity, 2014, 82, 4643-4653.	2.2	29
101	Inhibitors of Phosphodiesterase 4, but Not Phosphodiesterase 3, Increase Î²₂-Agonistâ€“Induced Expression of Antiinflammatory Mitogen-Activated Protein Kinase Phosphatase 1 in Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 634-640.	2.9	29
102	In vivo cleavage specificity of Trypanosoma brucei editosome endonucleases. Nucleic Acids Research, 2017, 45, 4667-4686.	14.5	29
103	Atopic asthmatic immune phenotypes associated with airway microbiota and airway obstruction. PLoS ONE, 2017, 12, e0184566.	2.5	29
104	Epigenetic impacts of maternal tobacco and e-vapour exposure on the offspring lung. Clinical Epigenetics, 2019, 11, 32.	4.1	29
105	A Mitochondrial Specific Antioxidant Reverses Metabolic Dysfunction and Fatty Liver Induced by Maternal Cigarette Smoke in Mice. Nutrients, 2019, 11, 1669.	4.1	28
106	The phosphoinositide 3â€²â€kinase p110Î´ modulates contractile protein production and ILâ€6 release in human airway smooth muscle. Journal of Cellular Physiology, 2012, 227, 3044-3052.	4.1	27
107	Rhinoviruses significantly affect day-to-day respiratory symptoms of children with asthma. Journal of Allergy and Clinical Immunology, 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. BMC Pulmonary Medicine, 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. Journal of Drug Delivery Science and Technology, 2019, 54, 101297.	3.0	27
110	COPD-derived fibroblasts secrete higher levels of senescence-associated secretory phenotype proteins. Thorax, 2021, 76, 508-511.	5.6	27
111	Effects of air pollution on human health â€“ Mechanistic evidence suggested by in vitro and in vivo modelling. Environmental Research, 2022, 212, 113378.	7.5	27
112	Airway Smooth Muscle and Asthma. Allergology International, 2006, 55, 215-223.	3.3	26
113	Doxycycline inhibits matrix metalloproteinase-2 secretion from TSC2-null mouse embryonic fibroblasts and lymphangioleiomyomatosis cells. British Journal of Pharmacology, 2011, 164, 83-92.	5.4	26
114	The Expression and Activity of Cathepsins D, H and K in Asthmatic Airways. PLoS ONE, 2013, 8, e57245.	2.5	25
115	Evaluation of Transbronchial Lung Cryobiopsy Size and Freezing Time: A Prognostic Animal Study. Respiration, 2016, 92, 34-39.	2.6	25
116	Exposure to Air Pollution Exacerbates Inflammation in Rats with Preexisting COPD. Mediators of Inflammation, 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. Journal of Food Biochemistry, 2021, 45, e13954.	2.9	25
118	Phosphatidylinositol 3-Kinase Isoform-Specific Effects in Airway Mesenchymal Cell Function. Journal of Pharmacology and Experimental Therapeutics, 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. Frontiers in Cellular and Infection Microbiology, 2018, 8, 413.	3.9	24
120	Dietary Ï‰-6 polyunsaturated fatty acid arachidonic acid increases inflammation, but inhibits ECM protein expression in COPD. Respiratory Research, 2018, 19, 211.	3.6	24
121	Differential Regulation of Extracellular Matrix and Soluble Fibulin-1 Levels by TGF-Î²1 in Airway Smooth Muscle Cells. PLoS ONE, 2013, 8, e65544.	2.5	24
122	Nuclear factor-kappa B (NF-ÎºB) inhibition as a therapeutic target for plant nutraceuticals in mitigating inflammatory lung diseases. Chemico-Biological Interactions, 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. Antioxidants, 2022, 11, 873.	5.1	24
124	Genomics of sex determination in Drosophila. Briefings in Functional Genomics, 2012, 11, 387-394.	2.7	23
125	Maternal L-Carnitine Supplementation Improves Brain Health in Offspring from Cigarette Smoke Exposed Mothers. Frontiers in Molecular Neuroscience, 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. Allergy: European Journal of Allergy and Clinical Immunology, 2001, 56, 1087-1090.	5.7	22

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127	TGF-Î² enhances deposition of perlecan from COPD airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L325-L333.	2.9	22
128	Lamstatin â€“ a novel inhibitor of lymphangiogenesis derived from collagen <scp>IV</scp>. Journal of Cellular and Molecular Medicine, 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. PLoS ONE, 2014, 9, e86905.	2.5	22
130	A novel immunomodulatory function of neutrophils on rhinovirus-activated monocytes in vitro. Thorax, 2016, 71, 1039-1049.	5.6	22
131	Effect of Sphingosine 1-Phosphate on Cyclo-Oxygenase-2 Expression, Prostaglandin E₂ Secretion, and Î²₂-Adrenergic Receptor Desensitization. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 128-135.	2.9	22
132	Maternal Cigarette Smoke Exposure Worsens Neurological Outcomes in Adolescent Offspring with Hypoxic-Ischemic Injury. Frontiers in Molecular Neuroscience, 2017, 10, 306.	2.9	22
133	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2020, 20, 1590-1596.	1.2	22
134	Recent trends of NFÎºB decoy oligodeoxynucleotide-based nanotherapeutics in lung diseases. Journal of Controlled Release, 2021, 337, 629-644.	9.9	21
135	Protein and peptide delivery to lungs by using advanced targeted drug delivery. Chemico-Biological Interactions, 2022, 351, 109706.	4.0	21
136	Nutraceuticals: unlocking newer paradigms in the mitigation of inflammatory lung diseases. Critical Reviews in Food Science and Nutrition, 2023, 63, 3302-3332.	10.3	21
137	In-utero exposure to air pollution and early-life neural development and cognition. Ecotoxicology and Environmental Safety, 2022, 238, 113589.	6.0	21
138	Calcified microspheres as biological entities and their isolation from bone. The Histochemical Journal, 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. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L239-L250.	2.9	20
140	Particulate Matter, an Intrauterine Toxin Affecting Foetal Development and Beyond. Antioxidants, 2021, 10, 732.	5.1	19
141	Using multiple online databases to help identify micro<scp>RNA</scp>s regulating the airway epithelial cell response to a virusâ€like stimulus. Respirology, 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. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L922-L935.	2.9	18
143	Tumstatin fragment selectively inhibits neutrophil infiltration in experimental asthma exacerbation. Clinical and Experimental Allergy, 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. Clinical Science, 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. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 349-362.e18.	3.8	18
146	Expanding the arsenal against pulmonary diseases using surface-functionalized polymeric micelles: breakthroughs and bottlenecks. Nanomedicine, 2022, 17, 881-911.	3.3	18
147	What can in vitro models of COPD tell us?. Pulmonary Pharmacology and Therapeutics, 2011, 24, 471-477.	2.6	17
148	Î²₂-Agonists upregulate PDE4 mRNA but not protein or activity in human airway smooth muscle cells from asthmatic and nonasthmatic volunteers. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L334-L342.	2.9	17
149	Response of airway epithelial cells to double-stranded RNA in an allergic environment. Translational Respiratory Medicine, 2014, 2, 11.	3.8	17
150	Biomass Smoke Exposure Enhances Rhinovirus-Induced Inflammation in Primary Lung Fibroblasts. International Journal of Molecular Sciences, 2016, 17, 1403.	4.1	17
151	ILâ€17A increases TNFâ€Î±â€induced COXâ€2 protein stability and augments PGE₂ secretion from airway smooth muscle cells: impact on Î²₂â€adrenergic receptor desensitization. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 387-396.	5.7	17
152	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.	3.3	17
153	Regulation of protease-activated receptor-1 in mononuclear cells by neutrophil proteases. Respiratory Medicine, 2003, 97, 228-233.	2.9	16
154	CD40 and OX40 ligand are differentially regulated on asthmatic airway smooth muscle. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1074-1082.	5.7	16
155	Mono- and Cocultures of Bronchial and Alveolar Epithelial Cells Respond Differently to Proinflammatory Stimuli and Their Modulation by Salbutamol and Budesonide. Molecular Pharmaceutics, 2015, 12, 2625-2632.	4.6	16
156	Impact of maternal cigarette smoke exposure on brain and kidney health outcomes in female offspring. Clinical and Experimental Pharmacology and Physiology, 2016, 43, 1168-1176.	1.9	16
157	Eâ€cigarettes damage the liver and alter nutrient metabolism in pregnant mice and their offspring. Annals of the New York Academy of Sciences, 2020, 1475, 64-77.	3.8	16
158	Targeting eosinophils in respiratory diseases: Biological axis, emerging therapeutics and treatment modalities. Life Sciences, 2021, 267, 118973.	4.3	16
159	A chinese herbal formula ameliorates COPD by inhibiting the inflammatory response via downregulation of p65, JNK, and p38. Phytomedicine, 2021, 83, 153475.	5.3	16
160	Th1 cytokine-induced syndecan-4 shedding by airway smooth muscle cells is dependent on mitogen-activated protein kinases. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L700-L710.	2.9	15
161	Airway smooth muscle CXCR3 ligand production: regulation by JAK-STAT1 and intracellular Ca²⁺. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L790-L802.	2.9	15
162	Differential deposition of fibronectin by asthmatic bronchial epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1093-L1102.	2.9	15

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163	Current Smoking is Associated with Decreased Expression of miR-335-5p in Parenchymal Lung Fibroblasts. International Journal of Molecular Sciences, 2019, 20, 5176.	4.1	15
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