R Vlahos

List of Publications by Year
in descending order

122 papers	5,587 citations	66343 42 h-index	95266 68 g-index
122 all docs	122 docs citations	122 times ranked	7845 citing authors

#	Article	IF	Citations
1	Novel pharmacological strategies to treat cognitive dysfunction in chronic obstructive pulmonary disease. , 2022, 233, 108017.		8
2	Ebselen abolishes vascular dysfunction in influenza A virus-induced exacerbations of cigarette smoke-induced lung inflammation in mice. Clinical Science, 2022, 136, 537-555.	4.3	4
3	Ebselen prevents cigarette smoke-induced cognitive dysfunction in mice by preserving hippocampal synaptophysin expression. Journal of Neuroinflammation, 2022, 19, 72.	7.2	6
4	Chronic obstructive pulmonary disease and atherosclerosis: common mechanisms and novel therapeutics. Clinical Science, 2022, 136, 405-423.	4.3	24
5	Targeting the human Î²_c receptor inhibits inflammatory myeloid cells and lung injury caused by acute cigarette smoke exposure. Respirology, 2022, 27, 617-629.	2.3	5
6	Ebselen reduces cigarette smokeâ€‘induced endothelial dysfunction in mice. British Journal of Pharmacology, 2021, 178, 1805-1818.	5.4	11
7	Gâ€CSFR antagonism reduces mucosal injury and airways fibrosis in a virusâ€dependent model of severe asthma. British Journal of Pharmacology, 2021, 178, 1869-1885.	5.4	13
8	Apocynin prevents cigarette smokingâ€induced loss of skeletal muscle mass and function in mice by preserving proteostatic signalling. British Journal of Pharmacology, 2021, 178, 3049-3066.	5.4	9
9	E-vaping and high-fat diet consumption: Itâ€™s all a hazy memory. Brain, Behavior, and Immunity, 2021, 95, 23-24.	4.1	1
10	The traditional herbal formulation, <i>Jianpiyifei II</i>, reduces pulmonary inflammation induced by influenza A virus and cigarette smoke in mice. Clinical Science, 2021, 135, 1733-1750.	4.3	6
11	Exposure to cigarette smoke precipitates simple hepatosteatosis to NASH in high-fat diet fed mice by inducing oxidative stress. Clinical Science, 2021, 135, 2103-2119.	4.3	6
12	SPLUNC1 Î±6 Peptidomimetic: A Novel Therapeutic for Asthma. American Journal of Respiratory Cell and Molecular Biology, 2021, , .	2.9	1
13	Lipids in Chronic Obstructive Pulmonary Disease: A Target for Future Therapy?. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 273-274.	2.9	4
14	Excessive Reactive Oxygen Species Inhibit IL-17A⁺ Î³Î´ T Cells and Innate Cellular Responses to Bacterial Lung Infection. Antioxidants and Redox Signaling, 2020, 32, 943-956.	5.4	13
15	Mitochondrial Reactive Oxygen Species Contribute to Pathological Inflammation During Influenza A Virus Infection in Mice. Antioxidants and Redox Signaling, 2020, 32, 929-942.	5.4	60
16	Cigarette Smoking Exacerbates Skeletal Muscle Injury without Compromising Its Regenerative Capacity. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 217-230.	2.9	45
17	The vape has gone to your head. Brain, Behavior, and Immunity, 2020, 89, 5-6.	4.1	1
18	Influenza A virus causes maternal and fetal pathology via innate and adaptive vascular inflammation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24964-24973.	7.1	34

#	ARTICLE	IF	CITATIONS
19	Targeting Evolutionary Conserved Oxidative Stress and Immunometabolic Pathways for the Treatment of Respiratory Infectious Diseases. Antioxidants and Redox Signaling, 2020, 32, 993-1013.	5.4	20
20	FSTL-1: A New Player in the Prevention of Emphysema. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 886-888.	5.6	2
21	Spatial Properties of Reactive Oxygen Species Govern Pathogen-Specific Immune System Responses. Antioxidants and Redox Signaling, 2020, 32, 982-992.	5.4	18
22	Ambulatory Oxygen in Fibrotic Interstitial Lung Disease. Chest, 2020, 158, 234-244.	0.8	21
23	Cigarette smoking blocks the benefit from reduced weight gain for insulin action by shifting lipids deposition to muscle. Clinical Science, 2020, 134, 1659-1673.	4.3	4
24	Ebselen prevents cigarette smoke-induced gastrointestinal dysfunction in mice. Clinical Science, 2020, 134, 2943-2957.	4.3	3
25	Cigarette smoke extract exacerbates hyperpermeability of cerebral endothelial cells after oxygen glucose deprivation and reoxygenation. Scientific Reports, 2019, 9, 15573.	3.3	12
26	Losartan does not inhibit cigarette smoke-induced lung inflammation in mice. Scientific Reports, 2019, 9, 15053.	3.3	6
27	Novel endosomal NOX2 oxidase inhibitor ameliorates pandemic influenza A virusâ€induced lung inflammation in mice. Respirology, 2019, 24, 1011-1017.	2.3	25
28	Prior cigarette smoke exposure does not affect acute post-stroke outcomes in mice. PLoS ONE, 2019, 14, e0214246.	2.5	4
29	Ischaemic stroke in mice induces lung inflammation but not acute lung injury. Scientific Reports, 2019, 9, 3622.	3.3	21
30	Pathobiological mechanisms underlying metabolic syndrome (MetS) in chronic obstructive pulmonary disease (COPD): clinical significance and therapeutic strategies. , 2019, 198, 160-188.		81
31	New frontiers in the treatment of comorbid cardiovascular disease in chronic obstructive pulmonary disease. Clinical Science, 2019, 133, 885-904.	4.3	45
32	Intranasal and epicutaneous administration of Toll-like receptor 7 (TLR7) agonists provides protection against influenza A virus-induced morbidity in mice. Scientific Reports, 2019, 9, 2366.	3.3	31
33	Matrine reduces cigarette smoke-induced airway neutrophilic inflammation by enhancing neutrophil apoptosis. Clinical Science, 2019, 133, 551-564.	4.3	27
34	Clinical utility of pulmonary function and blood biomarker measurements. Respirology, 2019, 24, 13-14.	2.3	0
35	CSF3R/CD114 mediates infection-dependent transition to severe asthma. Journal of Allergy and Clinical Immunology, 2019, 143, 785-788.e6.	2.9	28
36	E-Cigarettes: Inducing Inflammation that Spans Generations. American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 286-287.	2.9	2

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37	Protocols to Evaluate Cigarette Smoke-Induced Lung Inflammation and Pathology in Mice. Methods in Molecular Biology, 2018, 1725, 53-63.	0.9	3
38	Resolving Viral-Induced Secondary Bacterial Infection in COPD: A Concise Review. Frontiers in Immunology, 2018, 9, 2345.	4.8	41
39	Modelling COPD coâ€morbidities in preclinical models. Respirology, 2018, 23, 1094-1095.	2.3	7
40	Repurposing matrine for the treatment of hepatosteatosis and associated disorders in glucose homeostasis in mice. Acta Pharmacologica Sinica, 2018, 39, 1753-1759.	6.1	14
41	Increased hypothalamic microglial activation after viral-induced pneumococcal lung infection is associated with excess serum amyloid A production. Journal of Neuroinflammation, 2018, 15, 200.	7.2	19
42	Greater endurance capacity and improved dyspnoea with acute oxygen supplementation in idiopathic pulmonary fibrosis patients without resting hypoxaemia. Respirology, 2017, 22, 957-964.	2.3	60
43	Tumour-associated neutrophils and loss of epithelial PTEN can promote corticosteroid-insensitive MMP-9 expression in the chronically inflamed lung microenvironment. Thorax, 2017, 72, 1140-1143.	5.6	15
44	Aspirin-triggered resolvin D1 reduces pneumococcal lung infection and inflammation in a viral and bacterial coinfection pneumonia model. Clinical Science, 2017, 131, 2347-2362.	4.3	53
45	Endosomal NOX2 oxidase exacerbates virus pathogenicity and is a target for antiviral therapy. Nature Communications, 2017, 8, 69.	12.8	111
46	Evaluation of right heart function in a rat model using modified echocardiographic views. PLoS ONE, 2017, 12, e0187345.	2.5	4
47	Serum Amyloid A Induces Toll-Like Receptor 2-Dependent Inflammatory Cytokine Expression and Atrophy in C2C12 Skeletal Muscle Myotubes. PLoS ONE, 2016, 11, e0146882.	2.5	22
48	Therapeutic Targeting of the IL-6 Trans-Signaling/Mechanistic Target of Rapamycin Complex 1 Axis in Pulmonary Emphysema. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1494-1505.	5.6	44
49	Emerging therapies for the treatment of skeletal muscle wasting in chronic obstructive pulmonary disease. , 2016, 166, 56-70.		39
50	Influenza A virus infection and cigarette smoke impair bronchodilator responsiveness to Î²-adrenoceptor agonists in mouse lung. Clinical Science, 2016, 130, 829-837.	4.3	22
51	COPD and stroke: are systemic inflammation and oxidative stress the missing links?. Clinical Science, 2016, 130, 1039-1050.	4.3	138
52	Do antiâ€viral neutrophil responses exacerbate lung inflammation in asthma?. Respirology, 2016, 21, 10-11.	2.3	1
53	<scp>COPD</scp> and squamous cell lung cancer: aberrant inflammation and immunity is the common link. British Journal of Pharmacology, 2016, 173, 635-648.	5.4	95
54	Apocynin and ebselen reduce influenza A virus-induced lung inflammation in cigarette smoke-exposed mice. Scientific Reports, 2016, 6, 20983.	3.3	74

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55	Targeting the IL-33/IL-13 Axis for Respiratory Viral Infections. Trends in Pharmacological Sciences, 2016, 37, 252-261.	8.7	29
56	Innate cellular sources of interleukin-17A regulate macrophage accumulation in cigarette-smoke-induced lung inflammation in mice. Clinical Science, 2015, 129, 785-796.	4.3	66
57	HSP90 Inhibition Suppresses Lipopolysaccharide-Induced Lung Inflammation In Vivo. PLoS ONE, 2015, 10, e0114975.	2.5	18
58	Lipopolysaccharide Does Not Alter Small Airway Reactivity in Mouse Lung Slices. PLoS ONE, 2015, 10, e0122069.	2.5	10
59	Specific Contributions of CSF-1 and GM-CSF to the Dynamics of the Mononuclear Phagocyte System. Journal of Immunology, 2015, 195, 134-144.	0.8	70
60	Alteration of Airway Reactivity and Reduction of Ryanodine Receptor Expression by Cigarette Smoke in Mice. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 471-478.	2.9	15
61	Preclinical murine models of Chronic Obstructive Pulmonary Disease. European Journal of Pharmacology, 2015, 759, 265-271.	3.5	24
62	Multifaceted Role for IL-17A in the Pathogenesis of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1213-1214.	5.6	6
63	Targeting oxidant-dependent mechanisms for the treatment of COPD and its comorbidities. , 2015, 155, 60-79.		78
64	SAA drives proinflammatory heterotypic macrophage differentiation in the lung<i>via</i>CSFâ€1Râ€dependent signaling. FASEB Journal, 2014, 28, 3867-3877.	0.5	42
65	Recent advances in pre-clinical mouse models of COPD. Clinical Science, 2014, 126, 253-265.	4.3	131
66	Role of alveolar macrophages in chronic obstructive pulmonary disease. Frontiers in Immunology, 2014, 5, 435.	4.8	173
67	ILâ€6/Stat3â€driven pulmonary inflammation, but not emphysema, is dependent on interleukinâ€17<scp>A</scp> in mice. Respirology, 2014, 19, 419-427.	2.3	20
68	Influenza A virus and TLR7 activation potentiate NOX2 oxidase-dependent ROS production in macrophages. Free Radical Research, 2014, 48, 940-947.	3.3	61
69	NADPH Oxidases as Novel Pharmacologic Targets against Influenza A Virus Infection. Molecular Pharmacology, 2014, 86, 747-759.	2.3	49
70	Therapeutic potential of Panax ginseng and ginsenosides in the treatment of chronic obstructive pulmonary disease. Complementary Therapies in Medicine, 2014, 22, 944-953.	2.7	54
71	IL-17A and Serum Amyloid A Are Elevated in a Cigarette Smoke Cessation Model Associated with the Persistence of Pigmented Macrophages, Neutrophils and Activated NK Cells. PLoS ONE, 2014, 9, e113180.	2.5	25
72	Targeting pro-resolution pathways to combat chronic inflammation in COPD. Journal of Thoracic Disease, 2014, 6, 1548-56.	1.4	27

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73	Treating neutrophilic inflammation in COPD by targeting ALX/FPR2 resolution pathways. , 2013, 140, 280-289.		45
74	Glutathione Peroxidase-1 Reduces Influenza A Virusâ€“Induced Lung Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 17-26.	2.9	65
75	Serum Amyloid A Promotes Lung Neutrophilia by Increasing IL-17A Levels in the Mucosa and Î³Î´ T Cells. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 179-186.	5.6	68
76	Glutathione peroxidase-1 as a novel therapeutic target for COPD. Redox Report, 2013, 18, 142-149.	4.5	48
77	Nox1 Oxidase Suppresses Influenza A Virus-Induced Lung Inflammation and Oxidative Stress. PLoS ONE, 2013, 8, e60792.	2.5	47
78	Non-Essential Role for TLR2 and Its Signaling Adaptor Mal/TIRAP in Preserving Normal Lung Architecture in Mice. PLoS ONE, 2013, 8, e78095.	2.5	8
79	The Lung Inflammation and Skeletal Muscle Wasting Induced by Subchronic Cigarette Smoke Exposure Are Not Altered by a High-Fat Diet in Mice. PLoS ONE, 2013, 8, e80471.	2.5	19
80	Deregulated Stat3 signaling dissociates pulmonary inflammation from emphysema in gp130 mutant mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L627-L639.	2.9	35
81	Serum amyloid A opposes lipoxin A ₄ to mediate glucocorticoid refractory lung inflammation in chronic obstructive pulmonary disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 935-940.	7.1	140
82	Control of macrophage lineage populations by CSFâ€1 receptor and GMâ€CSF in homeostasis and inflammation. Immunology and Cell Biology, 2012, 90, 429-440.	2.3	107
83	Distinct Macrophage Subpopulations Characterize Acute Infection and Chronic Inflammatory Lung Disease. Journal of Immunology, 2012, 189, 946-955.	0.8	122
84	Suppressing production of reactive oxygen species (ROS) for influenza A virus therapy. Trends in Pharmacological Sciences, 2012, 33, 3-8.	8.7	122
85	Glutathione Peroxidase-1 Primes Pro-Inflammatory Cytokine Production after LPS Challenge In Vivo. PLoS ONE, 2012, 7, e33172.	2.5	30
86	Glucocorticosteroids Differentially Regulate MMP-9 and Neutrophil Elastase in COPD. PLoS ONE, 2012, 7, e33277.	2.5	69
87	Genetic partitioning of interleukinâ€6 signalling in mice dissociates Stat3 from Smad3â€mediated lung fibrosis. EMBO Molecular Medicine, 2012, 4, 939-951.	6.9	128
88	Carbonylation Caused by Cigarette Smoke Extract Is Associated with Defective Macrophage Immunity. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 229-236.	2.9	44
89	Interleukin-6 Promotes Pulmonary Emphysema Associated with Apoptosis in Mice. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 720-730.	2.9	87
90	Inhibition of Nox2 Oxidase Activity Ameliorates Influenza A Virus-Induced Lung Inflammation. PLoS Pathogens, 2011, 7, e1001271.	4.7	210

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91	Glutathione peroxidase-1 protects against cigarette smoke-induced lung inflammation in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L425-L433.	2.9	76
92	Neutralizing Granulocyte/Macrophage Colonyâ€"Stimulating Factor Inhibits Cigarette Smokeâ€"induced Lung Inflammation. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 34-40.	5.6	99
93	Urokinase-type plasminogen activator and arthritis progression: role in systemic disease with immune complex involvement. Arthritis Research and Therapy, 2010, 12, R37.	3.5	31
94	IL-17-producing T lymphocytes in lung tissue and in the bronchoalveolar spaceÂafter exposure to endotoxin from Escherichia coli in vivo â€" effects of anti-inflammatory pharmacotherapy. Pulmonary Pharmacology and Therapeutics, 2009, 22, 199-207.	2.6	31
95	Long-term cigarette smoke exposure increases uncoupling protein expression but reduces energy intake. Brain Research, 2008, 1228, 81-88.	2.2	48
96	Cigarette smoke worsens lung inflammation and impairs resolution of influenza infection in mice. Respiratory Research, 2008, 9, 53.	3.6	128
97	Serum Amyloid A Is a Biomarker of Acute Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 269-278.	5.6	229
98	Functional Relevance of the IL-23â€"IL-17 Axis in LungsIn Vivo. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 442-451.	2.9	68
99	Detrimental metabolic effects of combining long-term cigarette smoke exposure and high-fat diet in mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1564-E1571.	3.5	52
100	A community-based, time-matched, case-control study of respiratory viruses and exacerbations of COPD. Respiratory Medicine, 2007, 101, 2472-2481.	2.9	94
101	Regulation of hypothalamic NPY by diet and smoking. Peptides, 2007, 28, 384-389.	2.4	38
102	Modelling COPD in mice. Pulmonary Pharmacology and Therapeutics, 2006, 19, 12-17.	2.6	43
103	What is the contribution of respiratory viruses and lung proteases to airway remodelling in asthma and chronic obstructive pulmonary disease?. Pulmonary Pharmacology and Therapeutics, 2006, 19, 18-23.	2.6	25
104	Therapeutic prospects to treat skeletal muscle wasting in COPD (chronic obstructive lung disease). , 2006, 109, 162-172.		34
105	Therapeutic potential of treating chronic obstructive pulmonary disease (COPD) by neutralising granulocyte macrophage-colony stimulating factor (GM-CSF). , 2006, 112, 106-115.		85
106	Cigarette Smoke Exposure Reprograms the Hypothalamic Neuropeptide Y Axis to Promote Weight Loss. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 1248-1254.	5.6	86
107	Differential protease, innate immunity, and NF-Î°B induction profiles during lung inflammation induced by subchronic cigarette smoke exposure in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L931-L945.	2.9	185
108	The effect of tissue type-plasminogen activator deletion and associated fibrin(ogen) deposition on macrophage localization in peritoneal inflammation. Thrombosis and Haemostasis, 2006, 95, 659-667.	3.4	12

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109	Akt in the pathogenesis of COPD. International Journal of COPD, 2006, 1, 31-38.	2.3	25
110	Effect of Short-Term Cigarette Smoke Exposure on Body Weight, Appetite and Brain Neuropeptide Y in Mice. Neuropsychopharmacology, 2005, 30, 713-719.	5.4	128
111	S100A8 Chemotactic Protein Is Abundantly Increased, but Only a Minor Contributor to LPS-Induced, Steroid Resistant Neutrophilic Lung Inflammation in Vivo. Journal of Proteome Research, 2005, 4, 136-145.	3.7	50
112	Contribution of the p38MAPK signalling pathway to proliferation in human cultured airway smooth muscle cells is mitogen-specific. British Journal of Pharmacology, 2004, 142, 1182-1190.	5.4	40
113	Cromakalim inhibits transmitter acetylcholine release in rat trachea by an action on epithelial cells and a diffusible factor. Naunyn-Schmiedeberg's Archives of Pharmacology, 2003, 368, 256-261.	3.0	0
114	Differential inhibition of thrombin- and EGF-stimulated human cultured airway smooth muscle proliferation by glucocorticoids. Pulmonary Pharmacology and Therapeutics, 2003, 16, 171-180.	2.6	22
115	Granulocyte/Macrophage-Colony-stimulating Factor (GM-CSF) Regulates Lung Innate Immunity to Lipopolysaccharide through Akt/Erk Activation of NFÎºB and AP-1 in Vivo. Journal of Biological Chemistry, 2002, 277, 42808-42814.	3.4	154
116	2-Methoxyestradiol and Analogs as Novel Antiproliferative Agents: Analysis of Three-Dimensional Quantitative Structure-Activity Relationships for DNA Synthesis Inhibition and Estrogen Receptor Binding. Molecular Pharmacology, 2002, 61, 1053-1069.	2.3	59
117	Antigen-induced airway inflammation in the Brown Norway rat results in airway smooth muscle hyperplasia. Journal of Applied Physiology, 2002, 93, 1833-1840.	2.5	29
118	Oestradiol Metabolites. , 2001, 31, 102-105.		2
119	Influence of the epithelium on acetylcholine release from parasympathetic nerves of the rat trachea. Autonomic and Autacoid Pharmacology, 2000, 20, 237-251.	0.6	3
120	Thrombin-stimulated DNA Synthesis in Human Cultured Airway Smooth Muscle Occurs Independently of Products of Cyclo-oxygenase or 5-Lipoxygenase. Pulmonary Pharmacology and Therapeutics, 2000, 13, 241-248.	2.6	3
121	Interleukin-1Î± and tumour necrosis factor-Î± modulate airway smooth muscle DNA synthesis by induction of cyclo-oxygenase-2: inhibition by dexamethasone and fluticasone propionate. British Journal of Pharmacology, 1999, 126, 1315-1324.	5.4	48
122	EPITHELIUM-DEPENDENT INHIBITION OF CHOLINERGIC TRANSMISSION IN RAT ISOLATED TRACHEA BY POTASSIUM CHANNEL OPENERS. Pharmacological Research, 1996, 33, 261-272.	7.1	5