Patrick Geraghty

List of Publications by Year
in descending order

73 papers	1,970 citations	218677 26 h-index	265206 42 g-index
73 all docs	73 docs citations	73 times ranked	3300 citing authors

#	Article	IF	Citations
1	Editorial: Defining and Characterizing Respiratory Disease in an Aging Population. Frontiers in Medicine, 2022, 9, 889834.	2.6	1
2	Cytokine Regulation by Alpha-1 Antitrypsin Therapy: A Pathway Analysis of a Pilot Clinical Trial. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 697-700.	2.9	1
3	Senescence: Pathogenic Driver in Chronic Obstructive Pulmonary Disease. Medicina (Lithuania), 2022, 58, 817.	2.0	8
4	Balanced Wnt/Dickkopf1 signaling by mesenchymal vascular progenitor cells in the microvascular niche maintains distal lung structure and function. American Journal of Physiology - Cell Physiology, 2021, 320, C119-C131.	4.6	5
5	Nicotine in E-Cigarettes Dysregulates Pulmonary Inflammation and MMP-12 Expression without Effecting Respiratory Syncytial Virus Virulence. Journal of Respiration, 2021, 1, 60-73.	1.1	1
6	Systemic inflammation and protease profile of Afro-Caribbean patients with sepsis. SAGE Open Medicine, 2021, 9, 205031212110125.	1.8	1
7	ADAM17: A Therapeutic Target for Patients with Emphysema?. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 155-157.	2.9	1
8	Therapeutic Potential of Alpha-1 Antitrypsin in Type 1 and Type 2 Diabetes Mellitus. Medicina (Lithuania), 2021, 57, 397.	2.0	10
9	The S100 Protein Family as Players and Therapeutic Targets in Pulmonary Diseases. Pulmonary Medicine, 2021, 2021, 1-20.	1.9	15
10	The Upper Airway Microbiota, Environmental Exposures, Inflammation, and Disease. Medicina (Lithuania), 2021, 57, 823.	2.0	14
11	Periodontal Diseases: Major Exacerbators of Pulmonary Diseases?. Pulmonary Medicine, 2021, 2021, 1-10.	1.9	6
12	Airway Resistance Caused by Sphingomyelin Synthase 2 Insufficiency in Response to Cigarette Smoke. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 342-353.	2.9	8
13	Targeting c-Src Reverses Accelerated GPX-1 mRNA Decay in Chronic Obstructive Pulmonary Disease Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 598-607.	2.9	8
14	Cigarette smoke induction of S100A9 contributes to chronic obstructive pulmonary disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L1021-L1035.	2.9	21
15	Elevated levels of calpain 14 in nasal tissue in chronic rhinosinusitis. ERJ Open Research, 2020, 6, 00137-2020.	2.6	1
16	Resident mesenchymal vascular progenitors modulate adaptive angiogenesis and pulmonary remodeling via regulation of canonical Wnt signaling. FASEB Journal, 2020, 34, 10267-10285.	0.5	16
17	SIRT7 deficiency suppresses inflammation, induces EndoMT, and increases vascular permeability in primary pulmonary endothelial cells. Scientific Reports, 2020, 10, 12497.	3.3	15
18	Should we worry about children's exposure to third-hand by-products generated from electronic nicotine delivery systems?. ERJ Open Research, 2020, 6, 00194-2020.	2.6	2

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19	Fibroblast Growth Factor Receptor 4 Deficiency Mediates Airway Inflammation in the Adult Healthy Lung?. Frontiers in Medicine, 2020, 7, 317.	2.6	6
20	Elevated S100A9 expression in chronic rhinosinusitis coincides with elevated MMP production and proliferation in vitro. Scientific Reports, 2020, 10, 16350.	3.3	12
21	Cathepsin S: investigating an old player in lung disease pathogenesis, comorbidities, and potential therapeutics. Respiratory Research, 2020, 21, 111.	3.6	47
22	Decreased surfactant lipids correlate with lung function in chronic obstructive pulmonary disease (COPD). PLoS ONE, 2020, 15, e0228279.	2.5	52
23	Early Experience With Methylprednisolone on SARS-CoV-2 Infection in the African American Population, a Retrospective Analysis. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, 2020, 14, 117954842098069.	0.9	8
24	Cigarette smoke exposure reduces leukemia inhibitory factor levels during respiratory syncytial viral infection . International Journal of COPD, 2019, Volume 14, 1305-1315.	2.3	14
25	Reply: Relevance of the PP2A Pathway in the Molecular Mechanisms of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 659-660.	2.9	0
26	Cystic fibrosis disease severity correlates with plasma levels of desmosine and isodesmosine, biomarkers of elastin degradation. ERJ Open Research, 2019, 5, 00250-2018.	2.6	5
27	Surfactant protein A and D polymorphisms and methylprednisolone pharmacogenetics in donor lungs. Journal of Thoracic and Cardiovascular Surgery, 2019, 157, 2109-2117.	0.8	13
28	The Biological Effects of Double-Dose Alpha-1 Antitrypsin Augmentation Therapy. A Pilot Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 318-326.	5.6	59
29	Protein Phosphatase 2A Reduces Cigarette Smokeâ€“induced Cathepsin S and Loss of Lung Function. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 51-62.	5.6	39
30	Phospholipid transfer protein and alpha-1 antitrypsin regulate Hck kinase activity during neutrophil degranulation. Scientific Reports, 2018, 8, 15394.	3.3	8
31	Animal Models of Chronic Obstructive Pulmonary Disease. , 2018, , .		2
32	Chronic Cigarette Smoke Exposure Subdues PP2A Activity by Enhancing Expression of the Oncogene CIP2A. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 695-705.	2.9	22
33	Fibroblast growth factor 23 and Klotho contribute to airway inflammation. European Respiratory Journal, 2018, 52, 1800236.	6.7	78
34	Effects of double dose alpha 1 antitrypsin (AAT) therapy on cytokine pathways in AAT Deficiency (AATD). , 2018, , .		0
35	An audit of supplemental oxygen prescribing practices in an inpatient setting and its financial burden.. , 2018, , .		0
36	HIV infection model of chronic obstructive pulmonary disease in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L500-L509.	2.9	19

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37	Klotho Inhibits Interleukin-8 Secretion from Cystic Fibrosis Airway Epithelia. Scientific Reports, 2017, 7, 14388.	3.3	36
38	Neutrophil Membrane Cholesterol Content is a Key Factor in Cystic Fibrosis Lung Disease. EBioMedicine, 2017, 23, 173-184.	6.1	28
39	Glutathione Peroxidase-1 Suppresses the Unfolded Protein Response upon Cigarette Smoke Exposure. Mediators of Inflammation, 2016, 2016, 1-16.	3.0	30
40	Chronic electronic cigarette exposure in mice induces features of COPD in a nicotine-dependent manner. Thorax, 2016, 71, 1119-1129.	5.6	247
41	TLR9 expression is required for the development of cigarette smoke-induced emphysema in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L154-L166.	2.9	26
42	Protein tyrosine phosphatase 1B negatively regulates S100A9-mediated lung damage during respiratory syncytial virus exacerbations. Mucosal Immunology, 2016, 9, 1317-1329.	6.0	23
43	Mesenchymal Tumorigenesis Driven by TSC2 Haploinsufficiency Requires HMGA2 and Is Independent of mTOR Pathway Activation. Cancer Research, 2016, 76, 844-854.	0.9	21
44	Cigarette smoke inhibits ROCK2 activation in T cells and modulates IL-22 production. Molecular Immunology, 2016, 71, 115-122.	2.2	10
45	Matrix Metalloproteinase 9 Exerts Antiviral Activity against Respiratory Syncytial Virus. PLoS ONE, 2015, 10, e0135970.	2.5	24
46	Integrative Analysis of DNA Methylation and Gene Expression Data Identifies EPAS1 as a Key Regulator of COPD. PLoS Genetics, 2015, 11, e1004898.	3.5	82
47	Protein tyrosine phosphatase 1B negatively regulates S100A9 mediated apoptosis during respiratory syncytial virus infection. , 2015, , .		0
48	Alpha-1 antitrypsin protects protein phospholipid transfer protein from cleavage to counter lung inflammatory responses. , 2015, , .		0
49	Cathepsin G degradation of phospholipid transfer protein (PLTP) augments pulmonary inflammation. FASEB Journal, 2014, 28, 2318-2331.	0.5	32
50	Î±₁-Antitrypsin Activates Protein Phosphatase 2A to Counter Lung Inflammatory Responses. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1229-1242.	5.6	40
51	Leukemia inhibitory factor protects the lung during respiratory syncytial viral infection. BMC Immunology, 2014, 15, 41.	2.2	60
52	Cigarette Smoke Activates the Proto-Oncogene c-Src to Promote Airway Inflammation and Lung Tissue Destruction. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 559-570.	2.9	38
53	Respiratory Syncytial Virus Infections Enhance Cigarette Smoke Induced COPD in Mice. PLoS ONE, 2014, 9, e90567.	2.5	52
54	Low density lipoproteinâ€related protein 1 regulates lung inflammation (609.9). FASEB Journal, 2014, 28, 609.9.	0.5	0

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55	The Glutathione Peroxidase 1â€“Protein Tyrosine Phosphatase 1Bâ€“Protein Phosphatase 2A Axis. A Key Determinant of Airway Inflammation and Alveolar Destruction. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 721-730.	2.9	53
56	STAT3 modulates cigarette smoke-induced inflammation and protease expression. Frontiers in Physiology, 2013, 4, 267.	2.8	36
57	Intracellular Secretory Leukoprotease Inhibitor Modulates Inositol 1,4,5-Triphosphate Generation and Exerts an Anti-Inflammatory Effect on Neutrophils of Individuals with Cystic Fibrosis and Chronic Obstructive Pulmonary Disease. BioMed Research International, 2013, 2013, 1-18.	1.9	15
58	Protein Transfection of Mouse Lung. Journal of Visualized Experiments, 2013, , e50080.	0.3	1
59	Increased Matrix Metalloproteinase (MMPs) Levels Do Not Predict Disease Severity or Progression in Emphysema. PLoS ONE, 2013, 8, e56352.	2.5	43
60	Protein Phosphatase 2A Regulates Innate Immune and Proteolytic Responses to Cigarette Smoke Exposure in the Lung. Toxicological Sciences, 2012, 126, 589-599.	3.1	40
61	Glutathione Peroxidase-1 (GPx-1) Protects The Lung From Cigarette Smoke Induced Injury. , 2012, , .		0
62	In Vivo Modulation Of Protein Phosphatase 2A (PP2A) Activity Alters Protease And Cytokine Responses To Cigarette Smoke. , 2012, , .		0
63	Respiratory Health Effects Of Dung Biomass Smoke Exposure. , 2012, , .		0
64	PLTP Activity Is Decreased In Smokers And Advanced Emphysema Patients. , 2012, , .		0
65	Induction of the unfolded protein response by cigarette smoke is primarily an activating transcription factor 4-C/EBP homologous protein mediated process. International Journal of COPD, 2011, 6, 309.	2.3	51
66	TLR4 Protein Contributes to Cigarette Smoke-induced Matrix Metalloproteinase-1 (MMP-1) Expression in Chronic Obstructive Pulmonary Disease. Journal of Biological Chemistry, 2011, 286, 30211-30218.	3.4	72
67	Activation of the epidermal growth factor receptor (EGFR) by a novel metalloprotease pathway. VOLUME 283 (2008) PAGES 31736-31744. Journal of Biological Chemistry, 2009, 284, 9624.	3.4	0
68	Activation of the Epidermal Growth Factor Receptor (EGFR) by a Novel Metalloprotease Pathway. Journal of Biological Chemistry, 2008, 283, 31736-31744.	3.4	96
69	Secretory Leucocyte Protease Inhibitor Inhibits Interferon-Î³-induced Cathepsin S Expression. Journal of Biological Chemistry, 2007, 282, 33389-33395.	3.4	47
70	Neutrophil Elastase Up-Regulates Cathepsin B and Matrix Metalloprotease-2 Expression. Journal of Immunology, 2007, 178, 5871-5878.	0.8	109
71	Antimicrobial proteins and polypeptides in pulmonary innate defence. Respiratory Research, 2006, 7, 29.	3.6	100
72	Disruption of mitochondrial function in Candida albicans leads to reduced cellular ergosterol levels and elevated growth in the presence of amphotericin B. Archives of Microbiology, 2003, 179, 295-300.	2.2	39

#	Article	IF	Citations
73	Extraction and Detection of DNA and RNA from Yeast. , 0, , 159-180.		1