Tillie Louise Hackett

List of Publications by Year
in descending order

75	4,522	136950	110387
papers	citations	32 h-index	64 g-index

77	77	77	6952
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The molecular and cellular mechanisms associated with the destruction of terminal bronchioles in COPD. European Respiratory Journal, 2022, 59, 2101411.	6.7	17
2	The Role of the Dynamic Lung Extracellular Matrix Environment on Fibroblast Morphology and Inflammation. Cells, 2022, 11, 185.	4.1	8
3	SARS-CoV-2 (COVID-19) Adhesion Site Protein Upregulation in Small Airways, Type 2 Pneumocytes, and Alveolar Macrophages of Smokers and COPD â€“ Possible Implications for Interstitial Fibrosis. International Journal of COPD, 2022, Volume 17, 101-115.	2.3	11
4	Angiotensin-Converting Enzyme 2 (ACE2), Transmembrane Peptidase Serine 2 (TMPRSS2), and Furin Expression Increases in the Lungs of Patients with Idiopathic Pulmonary Fibrosis (IPF) and Lymphangioleiomyomatosis (LAM): Implications for SARS-CoV-2 (COVID-19) Infections. Journal of Clinical Medicine, 2022, 11, 777.	2.4	4
5	Vascular remodelling in IPF patients and its detrimental effect on lung physiology: potential role of endothelial to mesenchymal transition (EndMT). ERJ Open Research, 2022, 8, 00571-2021.	2.6	12
6	Lung Spatial Profiling Reveals a T Cell Signature in COPD Patients with Fatal SARS-CoV-2 Infection. Cells, 2022, 11, 1864.	4.1	2
7	The low flyers: persistent airflow limitation in young adults. Lancet Respiratory Medicine,the, 2022, 10, 819-822.	10.7	2
8	Small airway loss in the physiologically ageing lung: a cross-sectional study in unused donor lungs. Lancet Respiratory Medicine,the, 2021, 9, 167-174.	10.7	41
9	Dysregulation of endocytic machinery and ACE2 in small airways of smokers and COPD patients can augment their susceptibility to SARS-CoV-2 (COVID-19) infections. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L158-L163.	2.9	22
10	Second harmonic generation imaging of collagen scaffolds within the alveolar ducts of healthy and emphysematous mouse lungs. Histochemistry and Cell Biology, 2021, 155, 279-289.	1.7	11
11	IL-4RÎ± blockade reduces influenza-associated morbidity in a murine model of allergic asthma. Respiratory Research, 2021, 22, 75.	3.6	0
12	Increased myofibroblasts in the small airways, and relationship to remodelling and functional changes in smokers and COPD patients: potential role of epithelialâ€“mesenchymal transition. ERJ Open Research, 2021, 7, 00876-2020.	2.6	23
13	The Role of miRNAs in Extracellular Matrix Repair and Chronic Fibrotic Lung Diseases. Cells, 2021, 10, 1706.	4.1	13
14	Pulmonary Vascular Remodeling Is an Early Feature of Fatal and Nonfatal Asthma. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 114-118.	2.9	6
15	Modeling Extracellular Matrix-Cell Interactions in Lung Repair and Chronic Disease. Cells, 2021, 10, 2145.	4.1	16
16	Small Airway Reduction and Fibrosis Is an Early Pathologic Feature of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 1048-1059.	5.6	31
17	FAM13A as potential therapeutic target in modulating TGF-Î²-induced airway tissue remodeling in COPD. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L377-L391.	2.9	7
18	Effects of cigarette smoking on SARSâ€CoV â€2 receptor ACE2 expression in the respiratory epithelium â€. Journal of Pathology, 2021, 253, 351-354.	4.5	7

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19	Recent advances in chronic obstructive pulmonary disease pathogenesis: from disease mechanisms to precision medicine. Journal of Pathology, 2020, 250, 624-635.	4.5	116
20	Current perspectives on the role of interleukin-1 signalling in the pathogenesis of asthma and COPD. European Respiratory Journal, 2020, 55, 1900563.	6.7	67
21	Reply to Janssen and Wouters: Loss of Alveolar Attachments as a Pathomechanistic Link between Small Airway Disease and Emphysema. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 879-880.	5.6	3
22	What Have In Vitro Co-Culture Models Taught Us about the Contribution of Epithelial-Mesenchymal Interactions to Airway Inflammation and Remodeling in Asthma?. Cells, 2020, 9, 1694.	4.1	23
23	Epithelial-mesenchymal crosstalk in COPD: An update from in vitro model studies. International Journal of Biochemistry and Cell Biology, 2020, 125, 105775.	2.8	18
24	Epithelial-interleukin-1 inhibits collagen formation by airway fibroblasts: Implications for asthma. Scientific Reports, 2020, 10, 8721.	3.3	28
25	Impact of Over-Expansion on SAPIEN 3 Transcatheter Heart Valve Pericardial Leaflets. Structural Heart, 2020, 4, 214-220.	0.6	4
26	Small airways pathology in idiopathic pulmonary fibrosis: a retrospective cohort study. Lancet Respiratory Medicine,the, 2020, 8, 573-584.	10.7	70
27	Super resolution measurement of collagen fibers in biological samples: Validation of a commercial solution for multiphoton microscopy. PLoS ONE, 2020, 15, e0229278.	2.5	12
28	Comprehensive stereological assessment of the human lung using multiresolution computed tomography. Journal of Applied Physiology, 2020, 128, 1604-1616.	2.5	31
29	ACE-2 expression in the small airway epithelia of smokers and COPD patients: implications for COVID-19. European Respiratory Journal, 2020, 55, 2000688.	6.7	668
30	Airway epithelial cell isolation techniques affect DNA methylation profiles with consequences for analysis of asthma related perturbations to DNA methylation. Scientific Reports, 2019, 9, 14409.	3.3	11
31	Sildenafil Prevents Marfan-Associated Emphysema and Early Pulmonary Artery Dilation in Mice. American Journal of Pathology, 2019, 189, 1536-1546.	3.8	10
32	Defective Fibrillar Collagen Organization by Fibroblasts Contributes to Airway Remodeling in Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 431-443.	5.6	66
33	Noninvasive Imaging Biomarker Identifies Small Airway Damage in Severe Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 575-581.	5.6	110
34	Widespread Sexual Dimorphism in the Transcriptome of Human Airway Epithelium in Response to Smoking. Scientific Reports, 2019, 9, 17600.	3.3	12
35	Gene expression signature of the ageing lung: breathing new life into COPD. Thorax, 2018, 73, 605-606.	5.6	1
36	Small airways disease in mild and moderate chronic obstructive pulmonary disease: a cross-sectional study. Lancet Respiratory Medicine,the, 2018, 6, 591-602.	10.7	213

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37	Epigenetic modifying enzyme expression in asthmatic airway epithelial cells and fibroblasts. BMC Pulmonary Medicine, 2017, 17, 24.	2.0	23
38	The Contribution of Small Airway Obstruction to the Pathogenesis of Chronic Obstructive Pulmonary Disease. Physiological Reviews, 2017, 97, 529-552.	28.8	206
39	Integrative Genomics of Emphysema-Associated Genes Reveals Potential Disease Biomarkers. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 411-418.	2.9	28
40	Application of Euclidean distance mapping for assessment of basement membrane thickness distribution in asthma. Journal of Applied Physiology, 2017, 123, 473-481.	2.5	11
41	Heterogeneity of airway wall dimensions in humans: a critical determinant of lung function in asthmatics and nonasthmatics. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L425-L431.	2.9	29
42	Statins reduce the burden of ambient particulate matter and inflammatory cellsÂwithin the lung tissues of smokers with and without COPD. European Respiratory Journal, 2017, 49, 1601689.	6.7	4
43	Abnormal M1/M2 macrophage phenotype profiles in the small airway wall and lumen in smokers and chronic obstructive pulmonary disease (COPD). Scientific Reports, 2017, 7, 13392.	3.3	124
44	A Heterotopic Xenograft Model of Human Airways for Investigating Fibrosis in Asthma. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 291-299.	2.9	3
45	Imaging Collagen in Scar Tissue: Developments in Second Harmonic Generation Microscopy for Biomedical Applications. International Journal of Molecular Sciences, 2017, 18, 1772.	4.1	100
46	Acute cigarette smoke exposure activates apoptotic and inflammatory programs but a second stimulus is required to induce epithelial to mesenchymal transition in COPD epithelium. Respiratory Research, 2017, 18, 82.	3.6	24
47	Gene expression analysis in asthma using a targeted multiplex array. BMC Pulmonary Medicine, 2017, 17, 189.	2.0	36
48	Selective targeting of CREBâ€binding protein/Î²â€catenin inhibits growth of and extracellular matrix remodelling by airway smooth muscle. British Journal of Pharmacology, 2016, 173, 3327-3341.	5.4	23
49	Interleukin-1Î± drives the dysfunctional cross-talk of the airway epithelium and lung fibroblasts in COPD. European Respiratory Journal, 2016, 48, 359-369.	6.7	56
50	Elevated H3K18 acetylation in airway epithelial cells of asthmatic subjects. Respiratory Research, 2015, 16, 95.	3.6	39
51	Morphometric analysis of inflammation in bronchial biopsies following exposure to inhaled diesel exhaust and allergen challenge in atopic subjects. Particle and Fibre Toxicology, 2015, 13, 2.	6.2	25
52	Three Dimensional Imaging of Paraffin Embedded Human Lung Tissue Samples by Micro-Computed Tomography. PLoS ONE, 2015, 10, e0126230.	2.5	56
53	Protocadherin-1 binds to SMAD3 and suppresses TGF-Î²1-induced gene transcription. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L725-L735.	2.9	21
54	Disruption of Î²-catenin/CBP signaling inhibits human airway epithelialâ€“mesenchymal transition and repair. International Journal of Biochemistry and Cell Biology, 2015, 68, 59-69.	2.8	37

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55	Pathological changes in the COPD lung mesenchyme â€“ Novel lessons learned from inÂvitro and inÂvivo studies. Pulmonary Pharmacology and Therapeutics, 2014, 29, 121-128.	2.6	30
56	Airway epithelial regulation of pulmonary immune homeostasis and inflammation. Clinical Immunology, 2014, 151, 1-15.	3.2	193
57	Caveolin-1 Controls Airway Epithelial Barrier Function. Implications for Asthma. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 662-671.	2.9	72
58	Transcription Factor p63 Regulates Key Genes and Wound Repair in Human Airway Epithelial Basal Cells. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 978-988.	2.9	62
59	Epithelialâ€“mesenchymal transition in the pathophysiology of airway remodelling in asthma. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 53-59.	2.3	162
60	A gene expression signature of emphysema-related lung destruction and its reversal by the tripeptide GHK. Genome Medicine, 2012, 4, 67.	8.2	94
61	Expression of Myoferlin in Human Airway Epithelium and Its Role in Cell Adhesion and Zonula Occludens-1 Expression. PLoS ONE, 2012, 7, e40478.	2.5	11
62	A gene expression signature of emphysematous lung destruction and its reversal by the tripeptide GHK. Genome Medicine, 2012, 4, 67.	8.2	37
63	DNA Methylation Profiles of Airway Epithelial Cells and PBMCs from Healthy, Atopic and Asthmatic Children. PLoS ONE, 2012, 7, e44213.	2.5	101
64	Defective function at the epithelial junction: AÂnovel therapeutic frontier in asthma?. Journal of Allergy and Clinical Immunology, 2011, 128, 557-558.	2.9	14
65	E-cadherin: gatekeeper of airway mucosa and allergic sensitization. Trends in Immunology, 2011, 32, 248-255.	6.8	172
66	Effect of gene environment interactions on lung function and cardiovascular disease in COPD. International Journal of COPD, 2011, 6, 277.	2.3	15
67	Intrinsic Phenotypic Differences of Asthmatic Epithelium and Its Inflammatory Responses to Respiratory Syncytial Virus and Air Pollution. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 1090-1100.	2.9	181
68	Oxidative modification of albumin in the parenchymal lung tissue of current smokers with chronic obstructive pulmonary disease. Respiratory Research, 2010, 11, 180.	3.6	34
69	Potential role of stem cells in management of COPD. International Journal of COPD, 2010, 5, 81.	2.3	14
70	Human Lung Parenchyma but Not Proximal Bronchi Produces Fibroblasts with Enhanced TGF-Î²2 Signaling and Î±-SMA Expression. American Journal of Respiratory Cell and Molecular Biology, 2010, 43, 641-651.	2.9	59
71	Toll-Like Receptor 4-Mediated Activation of p38 Mitogen-Activated Protein Kinase Is a Determinant of Respiratory Virus Entry and Tropism. Journal of Virology, 2010, 84, 11359-11373.	3.4	137
72	Induction of Epithelialâ€“Mesenchymal Transition in Primary Airway Epithelial Cells from Patients with Asthma by Transforming Growth Factor-Î²1. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 122-133.	5.6	336

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73	Characterization of Side Population Cells from Human Airway Epithelium. Stem Cells, 2008, 26, 2576-2585.	3.2	121
74	BMP-7 Does Not Protect against Bleomycin-Induced Lung or Skin Fibrosis. PLoS ONE, 2008, 3, e4039.	2.5	52
75	The role of epithelial injury and repair in the origins of asthma. Current Opinion in Allergy and Clinical Immunology, 2007, 7, 63-68.	2.3	83