Tillie Louise Hackett

List of Publications by Year in Descending Order

68 papers	3,084 citations	28 h-index	55 g-index
77 ext. papers	3,900 ext. citations	8.5 avg, IF	5.59 L-index

#	Paper	IF	Citations
68	SARS-CoV-2 (COVID-19) Adhesion Site Protein Upregulation in Small Airways, Type 2 Pneumocytes, and Alveolar Macrophages of Smokers and COPD - Possible Implications for Interstitial Fibrosis.. *International Journal of COPD*, **2022**, 17, 101-115	3	1
67	The molecular and cellular mechanisms associated with the destruction of terminal bronchioles in chronic obstructive pulmonary disease. *European Respiratory Journal*, **2021**,	13.6	1
66	IL-4R blockade reduces influenza-associated morbidity in a murine model of allergic asthma. *Respiratory Research*, **2021**, 22, 75	7.3	
65	Increased myofibroblasts in the small airways, and relationship to remodelling and functional changes in smokers and COPD patients: potential role of epithelial-mesenchymal transition. *ERJ Open Research*, **2021**, 7,	3.5	7
64	The Role of miRNAs in Extracellular Matrix Repair and Chronic Fibrotic Lung Diseases. *Cells*, **2021**, 10,	7.9	3
63	Pulmonary Vascular Remodeling Is an Early Feature of Fatal and Nonfatal Asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2021**, 65, 114-118	5.7	0
62	Small airway loss in the physiologically ageing lung: a cross-sectional study in unused donor lungs. *Lancet Respiratory Medicine,the*, **2021**, 9, 167-174	35.1	18
61	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	5.8	9
60	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	2.4	2
59	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	10.2	2
58	FAM13A as potential therapeutic target in modulating TGF- induced airway tissue remodeling in COPD. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2021**, 321, L377-L391	5.8	0
57	Effects of cigarette smoking on SARS-CoV-2 receptor ACE2 expression in the respiratory epithelium. *Journal of Pathology*, **2021**, 253, 351-354	9.4	2
56	Epithelial-mesenchymal crosstalk in COPD: An update from in vitro model studies. *International Journal of Biochemistry and Cell Biology*, **2020**, 125, 105775	5.6	7
55	Epithelial-interleukin-1 inhibits collagen formation by airway fibroblasts: Implications for asthma. *Scientific Reports*, **2020**, 10, 8721	4.9	10
54	Impact of Over-Expansion on SAPIEN 3 Transcatheter Heart Valve Pericardial Leaflets. *Structural Heart*, **2020**, 4, 214-220	0.6	1
53	Small airways pathology in idiopathic pulmonary fibrosis: a retrospective cohort study. *Lancet Respiratory Medicine,the*, **2020**, 8, 573-584	35.1	31
52	Super resolution measurement of collagen fibers in biological samples: Validation of a commercial solution for multiphoton microscopy. *PLoS ONE*, **2020**, 15, e0229278	3.7	8

51	Recent advances in chronic obstructive pulmonary disease pathogenesis: from disease mechanisms to precision medicine. *Journal of Pathology*, **2020**, 250, 624-635	9.4	60
50	Current perspectives on the role of interleukin-1 signalling in the pathogenesis of asthma and COPD. *European Respiratory Journal*, **2020**, 55,	13.6	24
49	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	10.2	
48	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,	7.9	5
47	Comprehensive stereological assessment of the human lung using multiresolution computed tomography. *Journal of Applied Physiology*, **2020**, 128, 1604-1616	3.7	14
46	ACE-2 expression in the small airway epithelia of smokers and COPD patients: implications for COVID-19. *European Respiratory Journal*, **2020**, 55,	13.6	449
45	Sildenafil Prevents Marfan-Associated Emphysema and Early Pulmonary Artery Dilation in Mice. *American Journal of Pathology*, **2019**, 189, 1536-1546	5.8	3
44	Defective Fibrillar Collagen Organization by Fibroblasts Contributes to Airway Remodeling in Asthma. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 200, 431-443	10.2	31
43	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	10.2	62
42	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	4.9	3
41	Widespread Sexual Dimorphism in the Transcriptome of Human Airway Epithelium in Response to Smoking. *Scientific Reports*, **2019**, 9, 17600	4.9	7
40	Small airways disease in mild and moderate chronic obstructive pulmonary disease: a cross-sectional study. *Lancet Respiratory Medicine,the*, **2018**, 6, 591-602	35.1	119
39	Epigenetic modifying enzyme expression in asthmatic airway epithelial cells and fibroblasts. *BMC Pulmonary Medicine*, **2017**, 17, 24	3.5	14
38	The Contribution of Small Airway Obstruction to the Pathogenesis of Chronic Obstructive Pulmonary Disease. *Physiological Reviews*, **2017**, 97, 529-552	47.9	123
37	Integrative Genomics of Emphysema-Associated Genes Reveals Potential Disease Biomarkers. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 57, 411-418	5.7	20
36	Application of Euclidean distance mapping for assessment of basement membrane thickness distribution in asthma. *Journal of Applied Physiology*, **2017**, 123, 473-481	3.7	6
35	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	5.8	16
34	Statins reduce the burden of ambient particulate matter and inflammatory cells within the lung tissues of smokers with and without COPD. *European Respiratory Journal*, **2017**, 49,	13.6	3

33	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	4.9	77
32	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	7.3	13
31	Gene expression analysis in asthma using a targeted multiplex array. *BMC Pulmonary Medicine*, **2017**, 17, 189	3.5	16
30	A Heterotopic Xenograft Model of Human Airways for Investigating Fibrosis in Asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2017**, 56, 291-299	5.7	2
29	Imaging Collagen in Scar Tissue: Developments in Second Harmonic Generation Microscopy for Biomedical Applications. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	68
28	Selective targeting of CREB-binding protein/□catenin inhibits growth of and extracellular matrix remodelling by airway smooth muscle. *British Journal of Pharmacology*, **2016**, 173, 3327-3341	8.6	18
27	Interleukin-1□drives the dysfunctional cross-talk of the airway epithelium and lung fibroblasts in COPD. *European Respiratory Journal*, **2016**, 48, 359-69	13.6	43
26	Morphometric analysis of inflammation in bronchial biopsies following exposure to inhaled diesel exhaust and allergen challenge in atopic subjects. *Particle and Fibre Toxicology*, **2016**, 13, 2	8.4	25
25	Disruption of □catenin/CBP signaling inhibits human airway epithelial-mesenchymal transition and repair. *International Journal of Biochemistry and Cell Biology*, **2015**, 68, 59-69	5.6	31
24	Elevated H3K18 acetylation in airway epithelial cells of asthmatic subjects. *Respiratory Research*, **2015**, 16, 95	7.3	30
23	Three dimensional imaging of paraffin embedded human lung tissue samples by micro-computed tomography. *PLoS ONE*, **2015**, 10, e0126230	3.7	42
22	Protocadherin-1 binds to SMAD3 and suppresses TGF-□1-induced gene transcription. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2015**, 309, L725-35	5.8	15
21	Airway epithelial regulation of pulmonary immune homeostasis and inflammation. *Clinical Immunology*, **2014**, 151, 1-15	9	157
20	Pathological changes in the COPD lung mesenchyme--novel lessons learned from in vitro and in vivo studies. *Pulmonary Pharmacology and Therapeutics*, **2014**, 29, 121-8	3.5	26
19	Caveolin-1 controls airway epithelial barrier function. Implications for asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2013**, 49, 662-71	5.7	62
18	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, 978-88	5.7	40
17	A gene expression signature of emphysema-related lung destruction and its reversal by the tripeptide GHK. *Genome Medicine*, **2012**, 4, 67	14.4	79
16	Expression of myoferlin in human airway epithelium and its role in cell adhesion and zonula occludens-1 expression. *PLoS ONE*, **2012**, 7, e40478	3.7	11

15	Epithelial-mesenchymal transition in the pathophysiology of airway remodelling in asthma. *Current Opinion in Allergy and Clinical Immunology*, **2012**, 12, 53-9	3.3	139
14	A gene expression signature of emphysematous lung destruction and its reversal by the tripeptide GHK. *Genome Medicine*, **2012**, 4, 67	14.4	34
13	DNA methylation profiles of airway epithelial cells and PBMCs from healthy, atopic and asthmatic children. *PLoS ONE*, **2012**, 7, e44213	3.7	89
12	E-cadherin: gatekeeper of airway mucosa and allergic sensitization. *Trends in Immunology*, **2011**, 32, 248-55	14.4	140
11	Effect of gene environment interactions on lung function and cardiovascular disease in COPD. *International Journal of COPD*, **2011**, 6, 277-87	3	13
10	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, 1090-100	5.7	151
9	Potential role of stem cells in management of COPD. *International Journal of COPD*, **2010**, 5, 81-8	3	11
8	Human lung parenchyma but not proximal bronchi produces fibroblasts with enhanced TGF-beta signaling and alpha-SMA expression. *American Journal of Respiratory Cell and Molecular Biology*, **2010**, 43, 641-51	5.7	51
7	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, 11359-73	6.6	103
6	Oxidative modification of albumin in the parenchymal lung tissue of current smokers with chronic obstructive pulmonary disease. *Respiratory Research*, **2010**, 11, 180	7.3	28
5	Induction of epithelial-mesenchymal transition in primary airway epithelial cells from patients with asthma by transforming growth factor-beta1. *American Journal of Respiratory and Critical Care Medicine*, **2009**, 180, 122-33	10.2	275
4	Characterization of side population cells from human airway epithelium. *Stem Cells*, **2008**, 26, 2576-85	5.8	104
3	BMP-7 does not protect against bleomycin-induced lung or skin fibrosis. *PLoS ONE*, **2008**, 3, e4039	3.7	44
2	The role of epithelial injury and repair in the origins of asthma. *Current Opinion in Allergy and Clinical Immunology*, **2007**, 7, 63-8	3.3	72
1	Epithelial Cells139-148		