

Darryl A Knight

List of Publications by Year in descending order

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178
papers

11,309
citations

22146

59
h-index

34984

98
g-index

188
all docs

188
docs citations

188
times ranked

13217
citing authors

#	ARTICLE	IF	CITATIONS
1	The airway epithelium: Structural and functional properties in health and disease. <i>Respirology</i> , 2003, 8, 432-446.	2.3	476
2	Inhibition of Wnt/ β -catenin/CREB binding protein (CBP) signaling reverses pulmonary fibrosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 14309-14314.	7.1	412
3	Activation of Protease-Activated Receptor (PAR)-1, PAR-2, and PAR-4 Stimulates IL-6, IL-8, and Prostaglandin E2 Release from Human Respiratory Epithelial Cells. <i>Journal of Immunology</i> , 2002, 168, 3577-3585.	0.8	362
4	Airway smooth muscle dynamics: a common pathway of airway obstruction in asthma. <i>European Respiratory Journal</i> , 2007, 29, 834-860.	6.7	344
5	Induction of Epithelial-Mesenchymal Transition in Primary Airway Epithelial Cells from Patients with Asthma by Transforming Growth Factor- β 1. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 122-133.	5.6	336
6	Role for NLRP3 Inflammasome-mediated, IL-1 β -Dependent Responses in Severe, Steroid-Resistant Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 283-297.	5.6	304
7	Protease-activated receptors in human airways: Upregulation of PAR-2 in respiratory epithelium from patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 108, 797-803.	2.9	251
8	Epithelial inducible nitric oxide synthase activity is the major determinant of nitric oxide concentration in exhaled breath. <i>Thorax</i> , 2004, 59, 757-760.	5.6	213
9	Airway epithelial regulation of pulmonary immune homeostasis and inflammation. <i>Clinical Immunology</i> , 2014, 151, 1-15.	3.2	193
10	Intrinsic Phenotypic Differences of Asthmatic Epithelium and Its Inflammatory Responses to Respiratory Syncytial Virus and Air Pollution. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 1090-1100.	2.9	181
11	Intrinsic Biochemical and Functional Differences in Bronchial Epithelial Cells of Children with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 1110-1118.	5.6	175
12	The Processes and Mechanisms of Cardiac and Pulmonary Fibrosis. <i>Frontiers in Physiology</i> , 2017, 8, 777.	2.8	162
13	Adenosine A3 receptor expression and function in eosinophils. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1997, 16, 531-537.	2.9	155
14	Structural changes in the airways in asthma: observations and consequences. <i>Clinical Science</i> , 2005, 108, 463-477.	4.3	153
15	Epithelial cell dysfunction, a major driver of asthma development. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1902-1917.	5.7	151
16	Inverse Effects of Interleukin-6 on Apoptosis of Fibroblasts from Pulmonary Fibrosis and Normal Lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003, 29, 490-498.	2.9	150
17	The airway epithelium nucleotide-binding domain and leucine-rich repeat protein 3 inflammasome is activated by urban particulate matter. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1116-1125.e6.	2.9	144
18	Fibroblasts Isolated from Normal Lungs and Those with Idiopathic Pulmonary Fibrosis Differ in Interleukin-6/gp130-Mediated Cell Signaling and Proliferation. <i>American Journal of Pathology</i> , 2003, 163, 345-354.	3.8	142

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19	Decreased Fibronectin Production Significantly Contributes to Dysregulated Repair of Asthmatic Epithelium. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 889-898.	5.6	132
20	Anti-inflammatory effects of zinc and alterations in zinc transporter mRNA in mouse models of allergic inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L577-L584.	2.9	128
21	Genetic partitioning of interleukin-6 signalling in mice dissociates Stat3 from Smad3-mediated lung fibrosis. <i>EMBO Molecular Medicine</i> , 2012, 4, 939-951.	6.9	128
22	Targeting PI3K-p110 α Suppresses Influenza Virus Infection in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1012-1023.	5.6	126
23	Inflammasomes in the lung. <i>Molecular Immunology</i> , 2017, 86, 44-55.	2.2	126
24	Animal models of COPD: What do they tell us?. <i>Respirology</i> , 2017, 22, 21-32.	2.3	122
25	Characterization of Side Population Cells from Human Airway Epithelium. <i>Stem Cells</i> , 2008, 26, 2576-2585.	3.2	121
26	Mechanisms and treatments for severe, steroid-resistant allergic airway disease and asthma. <i>Immunological Reviews</i> , 2017, 278, 41-62.	6.0	119
27	Fibroblast senescence in the pathology of idiopathic pulmonary fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L162-L172.	2.9	114
28	Targeting Interleukin-13 with Tralokinumab Attenuates Lung Fibrosis and Epithelial Damage in a Humanized SCID Idiopathic Pulmonary Fibrosis Model. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 985-994.	2.9	105
29	STAT3-Mediated Signaling Dysregulates Lung Fibroblast-Myofibroblast Activation and Differentiation in UIP/IPF. <i>American Journal of Pathology</i> , 2012, 180, 1398-1412.	3.8	103
30	Epithelium-fibroblast interactions in response to airway inflammation. <i>Immunology and Cell Biology</i> , 2001, 79, 160-164.	2.3	102
31	DNA Methylation Profiles of Airway Epithelial Cells and PBMCs from Healthy, Atopic and Asthmatic Children. <i>PLoS ONE</i> , 2012, 7, e44213.	2.5	101
32	Secretion of IL-13 by Airway Epithelial Cells Enhances Epithelial Repair via HB-EGF. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 38, 153-160.	2.9	100
33	Autophagy and the unfolded protein response promote profibrotic effects of TGF- β ₁ in human lung fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L493-L504.	2.9	100
34	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. <i>JCI Insight</i> , 2016, 1, .	5.0	100
35	α ₂ β ₃ Integrin Interacts with the Transforming Growth Factor β ₂ (TGF β ₂) Type II Receptor to Potentiate the Proliferative Effects of TGF β ₁ in Living Human Lung Fibroblasts. <i>Journal of Biological Chemistry</i> , 2004, 279, 37726-37733.	3.4	95
36	Comparison of the morphological and biochemical changes in normal human lung fibroblasts and fibroblasts derived from lungs of patients with idiopathic pulmonary fibrosis during FasL-induced apoptosis. <i>Journal of Pathology</i> , 2004, 202, 486-495.	4.5	95

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37	A thymic stromal lymphopoietin gene variant is associated with asthma and airway hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 222-229.	2.9	95
38	A gene expression signature of emphysema-related lung destruction and its reversal by the tripeptide GHK. <i>Genome Medicine</i> , 2012, 4, 67.	8.2	94
39	Macrophage Recognition and Phagocytosis of Apoptotic Fibroblasts Is Critically Dependent on Fibroblast-Derived Thrombospondin 1 and CD36. <i>American Journal of Pathology</i> , 2003, 162, 771-779.	3.8	93
40	Matrix metalloproteinase activation by free neutrophil elastase contributes to bronchiectasis progression in early cystic fibrosis. <i>European Respiratory Journal</i> , 2015, 46, 384-394.	6.7	93
41	Transforming Growth Factor β 1 Induces α 23 Integrin Expression in Human Lung Fibroblasts via a β 3 Integrin-, c-Src-, and p38 MAPK-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2008, 283, 12898-12908.	3.4	92
42	Toll-like receptor 7 governs interferon and inflammatory responses to rhinovirus and is suppressed by IL-5-induced lung eosinophilia. <i>Thorax</i> , 2015, 70, 854-861.	5.6	90
43	Innate Inflammatory Responses of Pediatric Cystic Fibrosis Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 761-767.	2.9	89
44	Granzyme B Cleaves Decorin, Biglycan and Soluble Betaglycan, Releasing Active Transforming Growth Factor- β 1. <i>PLoS ONE</i> , 2012, 7, e33163.	2.5	86
45	Oncostatin M stimulates proliferation, induces collagen production and inhibits apoptosis of human lung fibroblasts. <i>British Journal of Pharmacology</i> , 2002, 136, 793-801.	5.4	85
46	The role of epithelial injury and repair in the origins of asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2007, 7, 63-68.	2.3	83
47	Dysregulated repair in asthmatic paediatric airway epithelial cells: the role of plasminogen activator inhibitor-1. <i>Clinical and Experimental Allergy</i> , 2008, 38, 1901-1910.	2.9	82
48	Adenosine A3 receptor stimulation inhibits migration of human eosinophils. <i>Journal of Leukocyte Biology</i> , 1997, 62, 465-468.	3.3	81
49	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. <i>Journal of Pathology</i> , 2017, 243, 510-523.	4.5	81
50	The Nucleotide-Binding Domain, Leucine-Rich Repeat Protein 3 Inflammasome/IL-1 Receptor I Axis Mediates Innate, but Not Adaptive, Immune Responses after Exposure to Particulate Matter under 10 μ m. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 96-105.	2.9	79
51	Dual Organism Transcriptomics of Airway Epithelial Cells Interacting with Conidia of <i>Aspergillus fumigatus</i> . <i>PLoS ONE</i> , 2011, 6, e20527.	2.5	79
52	Conditionally reprogrammed primary airway epithelial cells maintain morphology, lineage and disease specific functional characteristics. <i>Scientific Reports</i> , 2017, 7, 17971.	3.3	77
53	Transforming growth factor (TGF) β 1 and Smad signalling pathways: A likely key to α -EMT-associated COPD pathogenesis. <i>Respirology</i> , 2017, 22, 133-140.	2.3	74
54	Regulation of cellular senescence by extracellular matrix during chronic fibrotic diseases. <i>Clinical Science</i> , 2020, 134, 2681-2706.	4.3	73

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55	The genetic and epigenetic landscapes of the epithelium in asthma. <i>Respiratory Research</i> , 2016, 17, 119.	3.6	72
56	Deleterious Role of TLR3 during Hyperoxia-induced Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 1227-1237.	5.6	69
57	The protective role of TLR6 in a mouse model of asthma is mediated by IL-23 and IL-17A. <i>Journal of Clinical Investigation</i> , 2011, 121, 4420-4432.	8.2	69
58	Role of PGE2 in protease-activated receptor-1, α^2 and α^4 mediated relaxation in the mouse isolated trachea. <i>British Journal of Pharmacology</i> , 2001, 132, 93-100.	5.4	67
59	Leukemia Inhibitory Factor (LIF) and LIF Receptor in Human Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 834-841.	2.9	66
60	Mitochondrial dysfunction contributes to the senescent phenotype of <scp>IPF</scp> lung fibroblasts. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5847-5861.	3.6	65
61	Selection of housekeeping genes for real-time PCR in atopic human bronchial epithelial cells. <i>European Respiratory Journal</i> , 2008, 32, 755-762.	6.7	64
62	Transcription Factor p63 Regulates Key Genes and Wound Repair in Human Airway Epithelial Basal Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 978-988.	2.9	62
63	miR-638 regulates gene expression networks associated with emphysematous lung destruction. <i>Genome Medicine</i> , 2013, 5, 114.	8.2	62
64	Functional genomics of human bronchial epithelial cells directly interacting with conidia of <i>Aspergillus fumigatus</i> . <i>BMC Genomics</i> , 2010, 11, 358.	2.8	61
65	Airway Epithelial Cell Immunity Is Delayed During Rhinovirus Infection in Asthma and COPD. <i>Frontiers in Immunology</i> , 2020, 11, 974.	4.8	60
66	The use of non-bronchoscopic brushings to study the paediatric airway. <i>Respiratory Research</i> , 2005, 6, 53.	3.6	59
67	Human Lung Parenchyma but Not Proximal Bronchi Produces Fibroblasts with Enhanced TGF- β^2 Signaling and α -SMA Expression. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 641-651.	2.9	59
68	The Role of Pathological Aging in Cardiac and Pulmonary Fibrosis. , 2019, 10, 419.		59
69	Endothelin-1 induces hypertrophy and inhibits apoptosis in human airway smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L278-L286.	2.9	57
70	Airway modeling and remodeling in the pathogenesis of asthma. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2008, 8, 44-48.	2.3	57
71	Granzyme K Activates Protease-Activated Receptor-1. <i>PLoS ONE</i> , 2011, 6, e21484.	2.5	56
72	Regulation of human lung fibroblast phenotype and function by vitronectin and vitronectin integrins. <i>Journal of Cell Science</i> , 2001, 114, 3507-3516.	2.0	54

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73	Human airway epithelial cell innate immunity: relevance to asthma. <i>Current Opinion in Immunology</i> , 2012, 24, 740-746.	5.5	53
74	STAT3 Regulates the Onset of Oxidant-induced Senescence in Lung Fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 61-73.	2.9	52
75	BMP-7 Does Not Protect against Bleomycin-Induced Lung or Skin Fibrosis. <i>PLoS ONE</i> , 2008, 3, e4039.	2.5	52
76	Antifibrotic role of vascular endothelial growth factor in pulmonary fibrosis. <i>JCI Insight</i> , 2017, 2, .	5.0	51
77	A confocal microscopic study of solitary pulmonary neuroendocrine cells in human airway epithelium. <i>Respiratory Research</i> , 2005, 6, 115.	3.6	50
78	STAT3. <i>Proceedings of the American Thoracic Society</i> , 2012, 9, 177-182.	3.5	50
79	The fibrogenic actions of the coagulant and plasminogen activation systems in pulmonary fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 97, 108-117.	2.8	49
80	STAT3 in tissue fibrosis: Is there a role in the lung?. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011, 24, 193-198.	2.6	47
81	Influenza A virus infection dysregulates the expression of microRNA-22 and its targets; CD147 and HDAC4, in epithelium of asthmatics. <i>Respiratory Research</i> , 2018, 19, 145.	3.6	47
82	Regulation of human lung fibroblast phenotype and function by vitronectin and vitronectin integrins. <i>Journal of Cell Science</i> , 2001, 114, 3507-16.	2.0	47
83	Leukaemia Inhibitory Factor (LIF): a Cytokine of Emerging Importance in Chronic Airway Inflammation. <i>Pulmonary Pharmacology and Therapeutics</i> , 2001, 14, 169-176.	2.6	46
84	The role of gp130/IL-6 cytokines in the development of pulmonary fibrosis: critical determinants of disease susceptibility and progression?. , 2003, 99, 327-338.		44
85	Impaired Antiviral Stress Granule and IFN- β Enhances Formation Enhances Susceptibility to Influenza Infection in Chronic Obstructive Pulmonary Disease Epithelium. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 117-127.	2.9	44
86	Fibulin-1c regulates transforming growth factor β 2 activation in pulmonary tissue fibrosis. <i>JCI Insight</i> , 2019, 4, .	5.0	42
87	Elevated H3K18 acetylation in airway epithelial cells of asthmatic subjects. <i>Respiratory Research</i> , 2015, 16, 95.	3.6	39
88	Expression and localization of COX-2 in human airways and cultured airway epithelial cells. <i>European Respiratory Journal</i> , 1999, 13, 999.	6.7	38
89	Serum amyloid P ameliorates radiation-induced oral mucositis and fibrosis. <i>Fibrogenesis and Tissue Repair</i> , 2010, 3, 11.	3.4	37
90	Disruption of β -catenin/CBP signaling inhibits human airway epithelial β mesenchymal transition and repair. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 68, 59-69.	2.8	37

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91	Lipopolysaccharide Inhibits the Late-Phase Response to Allergen by Altering Nitric Oxide Synthase Activity and Interleukin-10. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001, 24, 640-646.	2.9	35
92	Oncostatin M: an interleukin-6-like cytokine relevant to airway remodelling and the pathogenesis of asthma. <i>Clinical and Experimental Allergy</i> , 2003, 33, 1026-1032.	2.9	35
93	Activated human dendritic cells express inducible cyclooxygenase and synthesize prostaglandin E2 but not prostaglandin D2. <i>Immunology and Cell Biology</i> , 2004, 82, 47-54.	2.3	35
94	Assessing the unified airway hypothesis in children via transcriptional profiling of the airway epithelium. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1562-1573.	2.9	35
95	Formation of a Stable Mimic of Ambient Particulate Matter Containing Viable Infectious Respiratory Syncytial Virus and Its Dry-Deposition Directly onto Cell Cultures. <i>Analytical Chemistry</i> , 2013, 85, 898-906.	6.5	34
96	Urban particulate matter increases human airway epithelial cell IL-1 β secretion following scratch wounding and H1N1 influenza A exposure in vitro. <i>Experimental Lung Research</i> , 2015, 41, 353-362.	1.2	34
97	Histamine Tachyphylaxis in Human Airway Smooth Muscle: The Role of H2-Receptors and the Bronchial Epithelium. <i>The American Review of Respiratory Disease</i> , 1992, 146, 137-140.	2.9	31
98	Versican V1 Overexpression Induces a Myofibroblast-Like Phenotype in Cultured Fibroblasts. <i>PLoS ONE</i> , 2015, 10, e0133056.	2.5	31
99	Higher Prostaglandin E2 Production by Dendritic Cells from Subjects with Asthma Compared with Normal Subjects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 485-491.	5.6	30
100	Annexin A2 contributes to lung injury and fibrosis by augmenting factor Xa fibrogenic activity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L772-L782.	2.9	30
101	Senescence of IPF Lung Fibroblasts Disrupt Alveolar Epithelial Cell Proliferation and Promote Migration in Wound Healing. <i>Pharmaceutics</i> , 2020, 12, 389.	4.5	30
102	Does aberrant activation of the epithelial-mesenchymal trophic unit play a key role in asthma or is it an unimportant sideshow?. <i>Current Opinion in Pharmacology</i> , 2004, 4, 251-256.	3.5	29
103	Prostaglandin E2, but not prostacyclin inhibits histamine-induced contraction of human bronchial smooth muscle. <i>European Journal of Pharmacology</i> , 1995, 272, 13-19.	3.5	28
104	Elucidating novel disease mechanisms in severe asthma. <i>Clinical and Translational Immunology</i> , 2016, 5, e91.	3.8	28
105	Divergent roles for Clusterin in Lung Injury and Repair. <i>Scientific Reports</i> , 2017, 7, 15444.	3.3	28
106	Self DNA perpetuates IPF lung fibroblast senescence in a cGAS-dependent manner. <i>Clinical Science</i> , 2020, 134, 889-905.	4.3	28
107	Leukemia inhibitory factor is synthesized and released by human eosinophils and modulates activation state and chemotaxis. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 104, 136-144.	2.9	27
108	Visualisation of Multiple Tight Junctional Complexes in Human Airway Epithelial Cells. <i>Biological Procedures Online</i> , 2018, 20, 3.	2.9	27

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109	Î²-Adrenoceptor desensitization in guinea-pig isolated trachea. <i>European Journal of Pharmacology</i> , 1988, 157, 135-145.	3.5	26
110	Modeling Asthma in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 431-438.	2.9	26
111	Effect of human rhinovirus infection on airway epithelium tight junction protein disassembly and transepithelial permeability. <i>Experimental Lung Research</i> , 2016, 42, 380-395.	1.2	26
112	The fibrogenic actions of lung fibroblast-derived urokinase: a potential drug target in IPF. <i>Scientific Reports</i> , 2017, 7, 41770.	3.3	26
113	Minimally invasive multiphoton and harmonic generation imaging of extracellular matrix structures in lung airway and related diseases. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011, 24, 487-496.	2.6	25
114	Regulation of xanthine dehydrogenase gene expression and uric acid production in human airway epithelial cells. <i>PLoS ONE</i> , 2017, 12, e0184260.	2.5	25
115	Airway epithelial repair in health and disease: Orchestrator or simply a player?. <i>Respirology</i> , 2016, 21, 438-448.	2.3	24
116	Acute cigarette smoke exposure activates apoptotic and inflammatory programs but a second stimulus is required to induce epithelial to mesenchymal transition in COPD epithelium. <i>Respiratory Research</i> , 2017, 18, 82.	3.6	24
117	Persistent induction of goblet cell differentiation in the airways: Therapeutic approaches. , 2018, 185, 155-169.		24
118	Epithelium-derived inhibitory prostaglandins modulate human bronchial smooth muscle responses to histamine. <i>European Journal of Pharmacology</i> , 1995, 272, 1-11.	3.5	23
119	Granzyme B Deficiency Exacerbates Lung Inflammation in Mice after Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 453-462.	2.9	23
120	Selective targeting of CREB-binding protein/Î²-catenin inhibits growth of and extracellular matrix remodelling by airway smooth muscle. <i>British Journal of Pharmacology</i> , 2016, 173, 3327-3341.	5.4	23
121	Epigenetic modifying enzyme expression in asthmatic airway epithelial cells and fibroblasts. <i>BMC Pulmonary Medicine</i> , 2017, 17, 24.	2.0	23
122	Airway epithelial-targeted nanoparticles for asthma therapy. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L500-L509.	2.9	23
123	The effect of epithelium removal on human bronchial smooth muscle responsiveness to acetylcholine and histamine. <i>Pulmonary Pharmacology</i> , 1990, 3, 198-202.	0.6	22
124	Extracellular 14-3-3 from human lung epithelial cells enhances MMP-1 expression. <i>Molecular and Cellular Biochemistry</i> , 2012, 360, 261-270.	3.1	22
125	Accumulation mode particles and LPS exposure induce TLR-4 dependent and independent inflammatory responses in the lung. <i>Respiratory Research</i> , 2018, 19, 15.	3.6	22
126	Ageing mechanisms that contribute to tissue remodeling in lung disease. <i>Ageing Research Reviews</i> , 2021, 70, 101405.	10.9	22

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127	Apical Localization of Zinc Transporter ZnT4 in Human Airway Epithelial Cells and Its Loss in a Murine Model of Allergic Airway Inflammation. <i>Nutrients</i> , 2011, 3, 910-928.	4.1	20
128	Airway mechanical compression: its role in asthma pathogenesis and progression. <i>European Respiratory Review</i> , 2020, 29, 190123.	7.1	20
129	The contribution of animal models to understanding the role of the immune system in human idiopathic pulmonary fibrosis. <i>Clinical and Translational Immunology</i> , 2020, 9, e1153.	3.8	20
130	Pharmacological HIF-1 stabilization promotes intestinal epithelial healing through regulation of β -integrin expression and function. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G420-G438.	3.4	20
131	The respiratory epithelium and airway smooth muscle homeostasis: its relevance to asthma. <i>Clinical and Experimental Allergy</i> , 1994, 24, 698-706.	2.9	19
132	Localization of leukaemia inhibitory factor to airway epithelium and its amplification of contractile responses to tachykinins. <i>British Journal of Pharmacology</i> , 1997, 120, 883-891.	5.4	19
133	Oncostatin M synergises with house dust mite proteases to induce the production of PGE ₂ from cultured lung epithelial cells. <i>British Journal of Pharmacology</i> , 2000, 131, 465-472.	5.4	19
134	Mesenchymal stem cells for repair of the airway epithelium in asthma. <i>Expert Review of Respiratory Medicine</i> , 2010, 4, 747-758.	2.5	19
135	Regional Differences in Susceptibility of Bronchial Epithelium to Mesenchymal Transition and Inhibition by the Macrolide Antibiotic Azithromycin. <i>PLoS ONE</i> , 2012, 7, e52309.	2.5	19
136	Alpha-1 Antitrypsin Mitigates the Inhibition of Airway Epithelial Cell Repair by Neutrophil Elastase. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 341-349.	2.9	19
137	Aberrant cell migration contributes to defective airway epithelial repair in childhood wheeze. <i>JCI Insight</i> , 2020, 5, .	5.0	19
138	Epithelial Mesenchymal Transition in Respiratory Disease. <i>Chest</i> , 2020, 157, 1591-1596.	0.8	18
139	The airway epithelium in asthma: Developmental issues that scar the airways for life?. <i>Pulmonary Pharmacology and Therapeutics</i> , 2012, 25, 420-426.	2.6	17
140	Genome-wide microRNA and messenger RNA profiling in rodent liver development implicates mir302b and mir20a in repressing transforming growth factor-beta signaling. <i>Hepatology</i> , 2013, 57, 2491-2501.	7.3	17
141	A cGAS-dependent response links DNA damage and senescence in alveolar epithelial cells: a potential drug target in IPF. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L859-L871.	2.9	17
142	Leukaemia inhibitory factor (LIF) upregulates excitatory non-adrenergic non-cholinergic and maintains cholinergic neural function in tracheal explants. <i>British Journal of Pharmacology</i> , 2000, 130, 975-979.	5.4	16
143	TLR2-mediated innate immune priming boosts lung anti-viral immunity. <i>European Respiratory Journal</i> , 2021, 58, 2001584.	6.7	16
144	Increased permeability of asthmatic epithelial cells to pollutants. Does this mean that they are intrinsically abnormal?. <i>Clinical and Experimental Allergy</i> , 2002, 32, 1263-1265.	2.9	15

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145	Activation of proteinase-activated receptor-2 in mesothelial cells induces pleural inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L734-L740.	2.9	14
146	Potential role of stem cells in management of COPD. International Journal of COPD, 2010, 5, 81.	2.3	14
147	Defective function at the epithelial junction: A novel therapeutic frontier in asthma?. Journal of Allergy and Clinical Immunology, 2011, 128, 557-558.	2.9	14
148	Reduced transforming growth factor β 1 (TGF β 1) in the repair of airway epithelial cells of children with asthma. Respiriology, 2016, 21, 1219-1226.	2.3	14
149	Concomitant activation of extracellular signal-regulated kinase and induction of COX-2 stimulates maximum prostaglandin E2 synthesis in human airway epithelial cells. Prostaglandins and Other Lipid Mediators, 2006, 81, 126-135.	1.9	13
150	PM ₁₀ -stimulated airway epithelial cells activate primary human dendritic cells independent of uric acid: Application of an <i>in vitro</i> model system exposing dendritic cells to airway epithelial cell-conditioned media. Respiriology, 2014, 19, 881-890.	2.3	13
151	Regulation of Cellular Senescence Is Independent from Profibrotic Fibroblast-Deposited ECM. Cells, 2021, 10, 1628.	4.1	12
152	A Senescence Bystander Effect in Human Lung Fibroblasts. Biomedicines, 2021, 9, 1162.	3.2	12
153	Endotoxemia increases the clearance of mPEGylated 5000-MW quantum dots as revealed by multiphoton microvascular imaging. Journal of Biomedical Optics, 2007, 12, 064005.	2.6	11
154	Talniflumate (Genaera). Current Opinion in Investigational Drugs, 2004, 5, 557-62.	2.3	11
155	IL-25 blockade augments antiviral immunity during respiratory virus infection. Communications Biology, 2022, 5, 415.	4.4	9
156	Use of biologics to treat acute exacerbations and manage disease in asthma, COPD and IPF. , 2017, 169, 1-12.		7
157	Histamine-induced contraction of human isolated bronchus is enhanced by endogenous prostaglandin F ₂ and activation of TP receptors. European Journal of Pharmacology, 1997, 319, 261-267.	3.5	6
158	Evaluation of experimental models of idiopathic pulmonary fibrosis. Drug Discovery Today: Disease Models, 2004, 1, 329-336.	1.2	6
159	Fibroblasts. , 2009, , 193-200.		6
160	Year in review 2011: Asthma, chronic obstructive pulmonary disease and airway biology. Respiriology, 2012, 17, 563-572.	2.3	6
161	Year-in-review 2010: Asthma, COPD, cystic fibrosis and airway biology. Respiriology, 2011, 16, 540-552.	2.3	5
162	Function of the Airway Epithelium in Asthma. Journal of Allergy, 2012, 2012, 1-2.	0.7	5

#	ARTICLE	IF	CITATIONS
163	Previous Influenza Infection Exacerbates Allergen Specific Response and Impairs Airway Barrier Integrity in Pre-Sensitized Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8790.	4.1	5
164	The interaction of acetylcholine and histamine on human bronchial smooth muscle contraction. <i>European Respiratory Journal</i> , 1991, 4, 985-91.	6.7	5
165	International research collaboration: The way forward. <i>Respirology</i> , 2018, 23, 654-655.	2.3	4
166	Dysregulated Notch Signaling in the Airway Epithelium of Children with Wheeze. <i>Journal of Personalized Medicine</i> , 2021, 11, 1323.	2.5	4
167	Inhibition of β -catenin/CBP signalling improves airway epithelial barrier function and suppresses CCL20 release. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 1786-1789.	5.7	3
168	The role of the epithelium in chronic inflammatory airway disease. <i>Pulmonary Pharmacology and Therapeutics</i> , 2012, 25, 413-414.	2.6	2
169	Inhibition of β -Catenin/CREB Binding Protein Signaling Attenuates House Dust Mite-Induced Goblet Cell Metaplasia in Mice. <i>Frontiers in Physiology</i> , 2021, 12, 690531.	2.8	2
170	Are Lymphoid Follicles Important in the Pathogenesis of Chronic Obstructive Pulmonary Disease?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 267-269.	5.6	1
171	Reduced SOCS1 Expression in Lung Fibroblasts from Patients with IPF Is Not Mediated by Promoter Methylation or Mir155. <i>Biomedicines</i> , 2021, 9, 498.	3.2	1
172	TLR7 agonist loaded airway epithelial targeting nanoparticles stimulate innate immunity and suppress viral replication in human bronchial epithelial cells. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121586.	5.2	1
173	An Assessment of Epithelial and Mesenchymal Phenotypes in Experimental and Clinical Pulmonary Fibrosis. <i>ISRN Pulmonology</i> , 2012, 2012, 1-11.	0.3	0
174	Editorial (Hot Topic :Advances in Industry for Chronic Respiratory Diseases). <i>Inflammation and Allergy: Drug Targets</i> , 2013, 12, 79-80.	1.8	0
175	Long-chain fatty acids are bad in <sc>IPF</sc>, or are they?. <i>Respirology</i> , 2021, 26, 220-221.	2.3	0
176	IL-4R β blockade reduces influenza-associated morbidity in a murine model of allergic asthma. <i>Respiratory Research</i> , 2021, 22, 75.	3.6	0
177	Oncostatin M. , 2022, , 723-727.		0
178	Airway Epithelial Cells. , 2014, , 302-314.		0