Darryl A Knight

List of Publications by Year
in descending order

178 papers	11,309 citations	22153 59 h-index	34986 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. Respirology, 2003, 8, 432-446.	2.3	476
2	Inhibition of Wnt/Î²-catenin/CREB binding protein (CBP) signaling reverses pulmonary fibrosis. Proceedings of the National Academy of Sciences of the United States of America, 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. Journal of Immunology, 2002, 168, 3577-3585.	0.8	362
4	Airway smooth muscle dynamics: a common pathway of airway obstruction in asthma. European Respiratory Journal, 2007, 29, 834-860.	6.7	344
5	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
6	Role for NLRP3 Inflammasomeâ€"mediated, IL-1Î²â€"Dependent Responses in Severe, Steroid-Resistant Asthma. American Journal of Respiratory and Critical Care Medicine, 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. Journal of Allergy and Clinical Immunology, 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. Thorax, 2004, 59, 757-760.	5.6	213
9	Airway epithelial regulation of pulmonary immune homeostasis and inflammation. Clinical Immunology, 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. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 1090-1100.	2.9	181
11	Intrinsic Biochemical and Functional Differences in Bronchial Epithelial Cells of Children with Asthma. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 1110-1118.	5.6	175
12	The Processes and Mechanisms of Cardiac and Pulmonary Fibrosis. Frontiers in Physiology, 2017, 8, 777.	2.8	162
13	Adenosine A3 receptor expression and function in eosinophils.. American Journal of Respiratory Cell and Molecular Biology, 1997, 16, 531-537.	2.9	155
14	Structural changes in the airways in asthma: observations and consequences. Clinical Science, 2005, 108, 463-477.	4.3	153
15	Epithelial cell dysfunction, a major driver of asthma development. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1902-1917.	5.7	151
16	Inverse Effects of Interleukin-6 on Apoptosis of Fibroblasts from Pulmonary Fibrosis and Normal Lungs. American Journal of Respiratory Cell and Molecular Biology, 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. Journal of Allergy and Clinical Immunology, 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. American Journal of Pathology, 2003, 163, 345-354.	3.8	142

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19	Decreased Fibronectin Production Significantly Contributes to Dysregulated Repair of Asthmatic Epithelium. American Journal of Respiratory and Critical Care Medicine, 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. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L577-L584.	2.9	128
21	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
22	Targeting PI3K-p110Î± Suppresses Influenza Virus Infection in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1012-1023.	5.6	126
23	Inflammasomes in the lung. Molecular Immunology, 2017, 86, 44-55.	2.2	126
24	Animal models of <scp>COPD</scp>: <scp>W</scp>hat do they tell us?. Respirology, 2017, 22, 21-32.	2.3	122
25	Characterization of Side Population Cells from Human Airway Epithelium. Stem Cells, 2008, 26, 2576-2585.	3.2	121
26	Mechanisms and treatments for severe, steroidâ€resistant allergic airway disease and asthma. Immunological Reviews, 2017, 278, 41-62.	6.0	119
27	Fibroblast senescence in the pathology of idiopathic pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 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. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 985-994.	2.9	105
29	STAT3-Mediated Signaling Dysregulates Lung Fibroblast-Myofibroblast Activation and Differentiation in UIP/IPF. American Journal of Pathology, 2012, 180, 1398-1412.	3.8	103
30	Epitheliumâ€"fibroblast interactions in response to airway inflammation. Immunology and Cell Biology, 2001, 79, 160-164.	2.3	102
31	DNA Methylation Profiles of Airway Epithelial Cells and PBMCs from Healthy, Atopic and Asthmatic Children. PLoS ONE, 2012, 7, e44213.	2.5	101
32	Secretion of IL-13 by Airway Epithelial Cells Enhances Epithelial Repair via HB-EGF. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 153-160.	2.9	100
33	Autophagy and the unfolded protein response promote profibrotic effects of TGF-Î²₁ in human lung fibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L493-L504.	2.9	100
34	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. JCI Insight, 2016, 1, .	5.0	100
35	Î±vÎ²3 Integrin Interacts with the Transforming Growth Factor Î² (TGFÎ²) Type II Receptor to Potentiate the Proliferative Effects of TGFÎ²1 in Living Human Lung Fibroblasts. Journal of Biological Chemistry, 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. Journal of Pathology, 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. Journal of Allergy and Clinical Immunology, 2009, 124, 222-229.	2.9	95
38	A gene expression signature of emphysema-related lung destruction and its reversal by the tripeptide GHK. Genome Medicine, 2012, 4, 67.	8.2	94
39	Macrophage Recognition and Phagocytosis of Apoptotic Fibroblasts Is Critically Dependent on Fibroblast-Derived Thrombospondin 1 and CD36. American Journal of Pathology, 2003, 162, 771-779.	3.8	93
40	Matrix metalloproteinase activation by free neutrophil elastase contributes to bronchiectasis progression in early cystic fibrosis. European Respiratory Journal, 2015, 46, 384-394.	6.7	93
41	Transforming Growth Factor Î²1 Induces Î±vÎ²3 Integrin Expression in Human Lung Fibroblasts via a Î²3 Integrin-, c-Src-, and p38 MAPK-dependent Pathway. Journal of Biological Chemistry, 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. Thorax, 2015, 70, 854-861.	5.6	90
43	Innate Inflammatory Responses of Pediatric Cystic Fibrosis Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 761-767.	2.9	89
44	Granzyme B Cleaves Decorin, Biglycan and Soluble Betaglycan, Releasing Active Transforming Growth Factor-Î²1. PLoS ONE, 2012, 7, e33163.	2.5	86
45	Oncostatin M stimulates proliferation, induces collagen production and inhibits apoptosis of human lung fibroblasts. British Journal of Pharmacology, 2002, 136, 793-801.	5.4	85
46	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
47	Dysregulated repair in asthmatic paediatric airway epithelial cells: the role of plasminogen activator inhibitorâ€1. Clinical and Experimental Allergy, 2008, 38, 1901-1910.	2.9	82
48	Adenosine A3 receptor stimulation inhibits migration of human eosinophils. Journal of Leukocyte Biology, 1997, 62, 465-468.	3.3	81
49	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. Journal of Pathology, 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 Î¼m. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 96-105.	2.9	79
51	Dual Organism Transcriptomics of Airway Epithelial Cells Interacting with Conidia of Aspergillus fumigatus. PLoS ONE, 2011, 6, e20527.	2.5	79
52	Conditionally reprogrammed primary airway epithelial cells maintain morphology, lineage and disease specific functional characteristics. Scientific Reports, 2017, 7, 17971.	3.3	77
53	Transforming growth factor (TGF) Î²₁ and Smad signalling pathways: A likely key to <scp>EMT</scp>â€associated <scp>COPD</scp> pathogenesis. Respirology, 2017, 22, 133-140.	2.3	74
54	Regulation of cellular senescence by extracellular matrix during chronic fibrotic diseases. Clinical Science, 2020, 134, 2681-2706.	4.3	73

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55	The genetic and epigenetic landscapes of the epithelium in asthma. Respiratory Research, 2016, 17, 119.	3.6	72
56	Deleterious Role of TLR3 during Hyperoxia-induced Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 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. Journal of Clinical Investigation, 2011, 121, 4420-4432.	8.2	69
58	Role of PGE2 in protease-activated receptor-1, â˘2 and â˘4 mediated relaxation in the mouse isolated trachea. British Journal of Pharmacology, 2001, 132, 93-100.	5.4	67
59	Leukemia Inhibitory Factor (LIF) and LIF Receptor in Human Lung. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 834-841.	2.9	66
60	Mitochondrial dysfunction contributes to the senescent phenotype of <scp>IPF</scp> lung fibroblasts. Journal of Cellular and Molecular Medicine, 2018, 22, 5847-5861.	3.6	65
61	Selection of housekeeping genes for real-time PCR in atopic human bronchial epithelial cells. European Respiratory Journal, 2008, 32, 755-762.	6.7	64
62	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
63	miR-638 regulates gene expression networks associated with emphysematous lung destruction. Genome Medicine, 2013, 5, 114.	8.2	62
64	Functional genomics of human bronchial epithelial cells directly interacting with conidia of Aspergillus fumigatus. BMC Genomics, 2010, 11, 358.	2.8	61
65	Airway Epithelial Cell Immunity Is Delayed During Rhinovirus Infection in Asthma and COPD. Frontiers in Immunology, 2020, 11, 974.	4.8	60
66	The use of non-bronchoscopic brushings to study the paediatric airway. Respiratory Research, 2005, 6, 53.	3.6	59
67	Human Lung Parenchyma but Not Proximal Bronchi Produces Fibroblasts with Enhanced TGF-Î² Signaling and Î±-SMA Expression. American Journal of Respiratory Cell and Molecular Biology, 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. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L278-L286.	2.9	57
70	Airway modeling and remodeling in the pathogenesis of asthma. Current Opinion in Allergy and Clinical Immunology, 2008, 8, 44-48.	2.3	57
71	Granzyme K Activates Protease-Activated Receptor-1. PLoS ONE, 2011, 6, e21484.	2.5	56
72	Regulation of human lung fibroblast phenotype and function by vitronectin and vitronectin integrins. Journal of Cell Science, 2001, 114, 3507-3516.	2.0	54

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73	Human airway epithelial cell innate immunity: relevance to asthma. Current Opinion in Immunology, 2012, 24, 740-746.	5.5	53
74	STAT3 Regulates the Onset of Oxidant-induced Senescence in Lung Fibroblasts. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 61-73.	2.9	52
75	BMP-7 Does Not Protect against Bleomycin-Induced Lung or Skin Fibrosis. PLoS ONE, 2008, 3, e4039.	2.5	52
76	Antifibrotic role of vascular endothelial growth factor in pulmonary fibrosis. JCI Insight, 2017, 2, .	5.0	51
77	A confocal microscopic study of solitary pulmonary neuroendocrine cells in human airway epithelium. Respiratory Research, 2005, 6, 115.	3.6	50
78	STAT3. Proceedings of the American Thoracic Society, 2012, 9, 177-182.	3.5	50
79	The fibrogenic actions of the coagulant and plasminogen activation systems in pulmonary fibrosis. International Journal of Biochemistry and Cell Biology, 2018, 97, 108-117.	2.8	49
80	STAT3 in tissue fibrosis: Is there a role in the lung?. Pulmonary Pharmacology and Therapeutics, 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. Respiratory Research, 2018, 19, 145.	3.6	47
82	Regulation of human lung fibroblast phenotype and function by vitronectin and vitronectin integrins. Journal of Cell Science, 2001, 114, 3507-16.	2.0	47
83	Leukaemia Inhibitory Factor (LIF): a Cytokine of Emerging Importance in Chronic Airway Inflammation. Pulmonary Pharmacology and Therapeutics, 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-Î² Enhanceosome Formation Enhances Susceptibility to Influenza Infection in Chronic Obstructive Pulmonary Disease Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 117-127.	2.9	44
86	Fibulin-1c regulates transforming growth factorâ€"Î² activation in pulmonary tissue fibrosis. JCI Insight, 2019, 4, .	5.0	42
87	Elevated H3K18 acetylation in airway epithelial cells of asthmatic subjects. Respiratory Research, 2015, 16, 95.	3.6	39
88	Expression and localization of COX-2 in human airways and cultured airway epithelial cells. European Respiratory Journal, 1999, 13, 999.	6.7	38
89	Serum amyloid P ameliorates radiation-induced oral mucositis and fibrosis. Fibrogenesis and Tissue Repair, 2010, 3, 11.	3.4	37
90	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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91	Lipopolysaccharide Inhibits the Late-Phase Response to Allergen by Altering Nitric Oxide Synthase Activity and Interleukin-10. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 640-646.	2.9	35
92	Oncostatin M: an interleukin-6-like cytokine relevant to airway remodelling and the pathogenesis of asthma. Clinical and Experimental Allergy, 2003, 33, 1026-1032.	2.9	35
93	Activated human dendritic cells express inducible cycloâ€oxygenase and synthesize prostaglandin E2 but not prostaglandin D2. Immunology and Cell Biology, 2004, 82, 47-54.	2.3	35
94	Assessing the unified airway hypothesis in children via transcriptional profiling of the airway epithelium. Journal of Allergy and Clinical Immunology, 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. Analytical Chemistry, 2013, 85, 898-906.	6.5	34
96	Urban particulate matter increases human airway epithelial cell IL-1Î² secretion following scratch wounding and H1N1 influenza A exposurein vitro. Experimental Lung Research, 2015, 41, 353-362.	1.2	34
97	Histamine Tachyphylaxis in Human Airway Smooth Muscle: The Role of H2-Receptors and the Bronchial Epithelium. The American Review of Respiratory Disease, 1992, 146, 137-140.	2.9	31
98	Versican V1 Overexpression Induces a Myofibroblast-Like Phenotype in Cultured Fibroblasts. PLoS ONE, 2015, 10, e0133056.	2.5	31
99	Higher Prostaglandin E2 Production by Dendritic Cells from Subjects with Asthma Compared with Normal Subjects. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 485-491.	5.6	30
100	Annexin A2 contributes to lung injury and fibrosis by augmenting factor Xa fibrogenic activity. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L772-L782.	2.9	30
101	Senescence of IPF Lung Fibroblasts Disrupt Alveolar Epithelial Cell Proliferation and Promote Migration in Wound Healing. Pharmaceutics, 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?. Current Opinion in Pharmacology, 2004, 4, 251-256.	3.5	29
103	Prostaglandin E2, but not prostacyclin inhibits histamine-induced contraction of human bronchial smooth muscle. European Journal of Pharmacology, 1995, 272, 13-19.	3.5	28
104	Elucidating novel disease mechanisms in severe asthma. Clinical and Translational Immunology, 2016, 5, e91.	3.8	28
105	Divergent roles for Clusterin in Lung Injury and Repair. Scientific Reports, 2017, 7, 15444.	3.3	28
106	Self DNA perpetuates IPF lung fibroblast senescence in a cGAS-dependent manner. Clinical Science, 2020, 134, 889-905.	4.3	28
107	Leukemia inhibitory factor is synthesized and released by human eosinophils and modulates activation state and chemotaxisâ˜†â˜†â˜†.... Journal of Allergy and Clinical Immunology, 1999, 104, 136-144.	2.9	27
108	Visualisation of Multiple Tight Junctional Complexes in Human Airway Epithelial Cells. Biological Procedures Online, 2018, 20, 3.	2.9	27

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109	Î²-Adrenoceptor desensitization in guinea-pig isolated trachea. European Journal of Pharmacology, 1988, 157, 135-145.	3.5	26
110	Modeling Asthma in Mice. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 431-438.	2.9	26
111	Effect of human rhinovirus infection on airway epithelium tight junction protein disassembly and transepithelial permeability. Experimental Lung Research, 2016, 42, 380-395.	1.2	26
112	The fibrogenic actions of lung fibroblast-derived urokinase: a potential drug target in IPF. Scientific Reports, 2017, 7, 41770.	3.3	26
113	Minimally invasive multiphoton and harmonic generation imaging of extracellular matrix structures in lung airway and related diseases. Pulmonary Pharmacology and Therapeutics, 2011, 24, 487-496.	2.6	25
114	Regulation of xanthine dehydrogensase gene expression and uric acid production in human airway epithelial cells. PLoS ONE, 2017, 12, e0184260.	2.5	25
115	Airway epithelial repair in health and disease: Orchestrator or simply a player?. Respirology, 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. Respiratory Research, 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. European Journal of Pharmacology, 1995, 272, 1-11.	3.5	23
119	Granzyme B Deficiency Exacerbates Lung Inflammation in Mice after Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 453-462.	2.9	23
120	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
121	Epigenetic modifying enzyme expression in asthmatic airway epithelial cells and fibroblasts. BMC Pulmonary Medicine, 2017, 17, 24.	2.0	23
122	Airway epithelial-targeted nanoparticles for asthma therapy. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L500-L509.	2.9	23
123	The effect of epithelium removal on human bronchial smooth muscle responsiveness to acetylcholine and histamine. Pulmonary Pharmacology, 1990, 3, 198-202.	0.6	22
124	Extracellular 14-3-3 from human lung epithelial cells enhances MMP-1 expression. Molecular and Cellular Biochemistry, 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. Respiratory Research, 2018, 19, 15.	3.6	22
126	Ageing mechanisms that contribute to tissue remodeling in lung disease. Ageing Research Reviews, 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. Nutrients, 2011, 3, 910-928.	4.1	20
128	Airway mechanical compression: its role in asthma pathogenesis and progression. European Respiratory Review, 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. Clinical and Translational Immunology, 2020, 9, e1153.	3.8	20
130	Pharmacological HIF-1 stabilization promotes intestinal epithelial healing through regulation of Î±-integrin expression and function. American Journal of Physiology - Renal Physiology, 2021, 320, G420-G438.	3.4	20
131	The respiratory epithelium and airway smooth muscle homeostasis: its relevance to asthma. Clinical and Experimental Allergy, 1994, 24, 698-706.	2.9	19
132	Localization of leukaemia inhibitory factor to airway epithelium and its amplification of contractile responses to tachykinins. British Journal of Pharmacology, 1997, 120, 883-891.	5.4	19
133	Oncostatin M synergises with house dust mite proteases to induce the production of PGE₂ from cultured lung epithelial cells. British Journal of Pharmacology, 2000, 131, 465-472.	5.4	19
134	Mesenchymal stem cells for repair of the airway epithelium in asthma. Expert Review of Respiratory Medicine, 2010, 4, 747-758.	2.5	19
135	Regional Differences in Susceptibiity of Bronchial Epithelium to Mesenchymal Transition and Inhibition by the Macrolide Antibiotic Azithromycin. PLoS ONE, 2012, 7, e52309.	2.5	19
136	Alpha-1 Antitrypsin Mitigates the Inhibition of Airway Epithelial Cell Repair by Neutrophil Elastase. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 341-349.	2.9	19
137	Aberrant cell migration contributes to defective airway epithelial repair in childhood wheeze. JCI Insight, 2020, 5, .	5.0	19
138	Epithelial Mesenchymal Transition in Respiratory Disease. Chest, 2020, 157, 1591-1596.	0.8	18
139	The airway epithelium in asthma: Developmental issues that scar the airways for life?. Pulmonary Pharmacology and Therapeutics, 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. Hepatology, 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. American Journal of Physiology - Lung Cellular and Molecular Physiology, 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. British Journal of Pharmacology, 2000, 130, 975-979.	5.4	16
143	TLR2-mediated innate immune priming boosts lung anti-viral immunity. European Respiratory Journal, 2021, 58, 2001584.	6.7	16
144	Increased permeability of asthmatic epithelial cells to pollutants. Does this mean that they are intrinsically abnormal?. Clinical and Experimental Allergy, 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: AÂnovel therapeutic frontier in asthma?. Journal of Allergy and Clinical Immunology, 2011, 128, 557-558.	2.9	14
148	Reduced transforming growth factor Î²1 (TGFâ€Î²1) in the repair of airway epithelial cells of children with asthma. Respirology, 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	<scp>PM</scp>10â€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 cellâ€conditioned media. Respirology, 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 F2Î± 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. Respirology, 2012, 17, 563-572.	2.3	6
161	Yearâ€inâ€review 2010: Asthma, COPD, cystic fibrosis and airway biology. Respirology, 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

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163	Previous Influenza Infection Exacerbates Allergen Specific Response and Impairs Airway Barrier Integrity in Pre-Sensitized Mice. International Journal of Molecular Sciences, 2021, 22, 8790.	4.1	5
164	The interaction of acetylcholine and histamine on human bronchial smooth muscle contraction. European Respiratory Journal, 1991, 4, 985-91.	6.7	5
165	International research collaboration: The way forward. Respirology, 2018, 23, 654-655.	2.3	4
166	Dysregulated Notch Signaling in the Airway Epithelium of Children with Wheeze. Journal of Personalized Medicine, 2021, 11, 1323.	2.5	4
167	Inhibition of Î²â€catenin/CBP signalling improves airway epithelial barrier function and suppresses CCL20 release. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1786-1789.	5.7	3
168	The role of the epithelium in chronic inflammatory airway disease. Pulmonary Pharmacology and Therapeutics, 2012, 25, 413-414.	2.6	2
169	Inhibition of Î²-Catenin/CREB Binding Protein Signaling Attenuates House Dust Mite-Induced Goblet Cell Metaplasia in Mice. Frontiers in Physiology, 2021, 12, 690531.	2.8	2
170	Are Lymphoid Follicles Important in the Pathogenesis of Chronic Obstructive Pulmonary Disease?. American Journal of Respiratory and Critical Care Medicine, 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. Biomedicines, 2021, 9, 498.	3.2	1
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