

Scott H Randell

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138
papers

15,835
citations

60
h-index

125
g-index

148
ext. papers

19,165
ext. citations

9
avg, IF

6.29
L-index

#	Paper	IF	Citations
138	Human distal lung maps and lineage hierarchies reveal a bipotent progenitor.. <i>Nature</i> , 2022 ,	50.4	7
137	Mucus concentration-dependent biophysical abnormalities unify submucosal gland and superficial airway dysfunction in cystic fibrosis.. <i>Science Advances</i> , 2022 , 8, eabm9718	14.3	0
136	Targeted replacement of full-length CFTR in human airway stem cells by CRISPR-Cas9 for pan-mutation correction in the endogenous locus. <i>Molecular Therapy</i> , 2021 ,	11.7	7
135	DNAJB12 and Hsp70 triage arrested intermediates of N1303K-CFTR for endoplasmic reticulum-associated autophagy. <i>Molecular Biology of the Cell</i> , 2021 , 32, 538-553	3.5	8
134	Transcriptional analysis of cystic fibrosis airways at single-cell resolution reveals altered epithelial cell states and composition. <i>Nature Medicine</i> , 2021 , 27, 806-814	50.5	29
133	Enhanced delivery of peptide-morpholino oligonucleotides with a small molecule to correct splicing defects in the lung. <i>Nucleic Acids Research</i> , 2021 , 49, 6100-6113	20.1	6
132	Reuse of Cell Culture Inserts for Human Primary Airway Epithelial Cell Studies. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 64, 760-764	5.7	
131	Derivation of Airway Basal Stem Cells from Human Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2021 , 28, 79-95	18.8	54
130	Secretory Cells Dominate Airway CFTR Expression and Function in Human Airway Superficial Epithelia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 1275-1289	10.2	32
129	Chromatin Landscapes of Human Lung Cells Predict Potentially Functional Chronic Obstructive Pulmonary Disease Genome-Wide Association Study Variants. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 65, 92-102	5.7	2
128	Identification of an ATP/P2X7/mast cell pathway mediating ozone-induced bronchial hyperresponsiveness. <i>JCI Insight</i> , 2021 , 6,	9.9	2
127	SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. <i>Cell</i> , 2020 , 182, 429-446.e14	56.2	710
126	A conditional mouse expressing an activating mutation in NRF2 displays hyperplasia of the upper gastrointestinal tract and decreased white adipose tissue. <i>Journal of Pathology</i> , 2020 , 252, 125-137	9.4	5
125	Fibrocyte accumulation in the lungs of cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2020 , 19, 815-824	4.1	4
124	Assessing Human Airway Epithelial Progenitor Cells for Cystic Fibrosis Cell Therapy. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 63, 374-385	5.7	13
123	Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection. <i>Journal of Virology</i> , 2020 , 94,	6.6	116
122	Highly Efficient Gene Editing of Cystic Fibrosis Patient-Derived Airway Basal Cells Results in Functional CFTR Correction. <i>Molecular Therapy</i> , 2020 , 28, 1684-1695	11.7	20

121	A Circle RNA Regulatory Axis Promotes Lung Squamous Metastasis via CDR1-Mediated Regulation of Golgi Trafficking. <i>Cancer Research</i> , 2020 , 80, 4972-4985	10.1	11
120	Human Lung Stem Cell-Based Alveolospheres Provide Insights into SARS-CoV-2-Mediated Interferon Responses and Pneumocyte Dysfunction. <i>Cell Stem Cell</i> , 2020 , 27, 890-904.e8	18	119
119	Content and Performance of the MiniMUGA Genotyping Array: A New Tool To Improve Rigor and Reproducibility in Mouse Research. <i>Genetics</i> , 2020 , 216, 905-930	4	17
118	Swine acute diarrhea syndrome coronavirus replication in primary human cells reveals potential susceptibility to infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26915-26925	11.5	49
117	SARS-CoV-2 D614G variant exhibits efficient replication ex vivo and transmission in vivo. <i>Science</i> , 2020 , 370, 1464-1468	33.3	517
116	Single-Cell Reconstruction of Human Basal Cell Diversity in Normal and Idiopathic Pulmonary Fibrosis Lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1540-1550	10.2	47
115	Correction of Airway Stem Cells: Genome Editing Approaches for the Treatment of Cystic Fibrosis. <i>Human Gene Therapy</i> , 2020 , 31, 956-972	4.8	6
114	Mometasone absorption in cultured airway epithelium. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 1451-1455	6.3	2
113	Indoor dust acts as an adjuvant to promote sensitization to peanut through the airway. <i>Clinical and Experimental Allergy</i> , 2019 , 49, 1500-1511	4.1	16
112	Challenges Facing Airway Epithelial Cell-Based Therapy for Cystic Fibrosis. <i>Frontiers in Pharmacology</i> , 2019 , 10, 74	5.6	33
111	XBP1S Regulates MUC5B in a Promoter Variant-Dependent Pathway in Idiopathic Pulmonary Fibrosis Airway Epithelia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 220-234	10.2	31
110	IL-1 β Dominates the promucin secretory cytokine profile in cystic fibrosis. <i>Journal of Clinical Investigation</i> , 2019 , 129, 4433-4450	15.9	44
109	Intercellular Communication between Airway Epithelial Cells Is Mediated by Exosome-Like Vesicles. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 209-220	5.7	46
108	Pulmonary Neuroendocrine Cells Secrete β Aminobutyric Acid to Induce Goblet Cell Hyperplasia in Primate Models. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 60, 687-694	5.7	23
107	ABL kinase inhibition promotes lung regeneration through expansion of an SCGB1A1+ SPC+ cell population following bacterial pneumonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1603-1612	11.5	8
106	Localization of Secretory Mucins MUC5AC and MUC5B in Normal/Healthy Human Airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 715-727	10.2	99
105	Molecular characterization of gene regulatory networks in primary human tracheal and bronchial epithelial cells. <i>Journal of Cystic Fibrosis</i> , 2018 , 17, 444-453	4.1	9
104	Chronic E-Cigarette Exposure Alters the Human Bronchial Epithelial Proteome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 67-76	10.2	118

103	Paper Spray Mass Spectrometry for High-Throughput Quantification of Nicotine and Cotinine. <i>Analytical Methods</i> , 2018 , 10, 46-50	3.2	13
102	Loss of Epithelial Sodium Channel Function in Meibomian Glands Produces Pseudohypaldosteronism 1-Like Ocular Disease in Mice. <i>American Journal of Pathology</i> , 2018 , 188, 95-110	5.8	4
101	Factor XIIIa-expressing inflammatory monocytes promote lung squamous cancer through fibrin cross-linking. <i>Nature Communications</i> , 2018 , 9, 1988	17.4	39
100	Conditional reprogramming and long-term expansion of normal and tumor cells from human biospecimens. <i>Nature Protocols</i> , 2017 , 12, 439-451	18.8	149
99	Ets homologous factor (EHF) has critical roles in epithelial dysfunction in airway disease. <i>Journal of Biological Chemistry</i> , 2017 , 292, 10938-10949	5.4	32
98	Pharmacological Rescue of Conditionally Reprogrammed Cystic Fibrosis Bronchial Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 56, 568-574	5.7	87
97	Augmentation of CFTR maturation by S-nitrosoglutathione reductase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L263-70	5.8	28
96	SARS-like WIV1-CoV poised for human emergence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 3048-53	11.5	279
95	IL-13 Augments Compressive Stress-Induced Tissue Factor Expression in Human Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 54, 524-31	5.7	22
94	Impact of Acute Intermittent Exercise on Natural Killer Cells in Breast Cancer Survivors. <i>Integrative Cancer Therapies</i> , 2015 , 14, 436-45	3	39
93	Hypoxic epithelial necrosis triggers neutrophilic inflammation via IL-1 receptor signaling in cystic fibrosis lung disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 902-13	10.2	59
92	GRHL2 coordinates regeneration of a polarized mucociliary epithelium from basal stem cells. <i>Journal of Cell Biology</i> , 2015 , 211, 669-82	7.3	68
91	Unjamming and cell shape in the asthmatic airway epithelium. <i>Nature Materials</i> , 2015 , 14, 1040-8	27	300
90	A SARS-like cluster of circulating bat coronaviruses shows potential for human emergence. <i>Nature Medicine</i> , 2015 , 21, 1508-13	50.5	529
89	Localization of Burkholderia cepacia complex bacteria in cystic fibrosis lungs and interactions with Pseudomonas aeruginosa in hypoxic mucus. <i>Infection and Immunity</i> , 2014 , 82, 4729-45	3.7	74
88	Repair and regeneration of the respiratory system: complexity, plasticity, and mechanisms of lung stem cell function. <i>Cell Stem Cell</i> , 2014 , 15, 123-38	18	526
87	Potentiator ivacaftor abrogates pharmacological correction of E508 CFTR in cystic fibrosis. <i>Science Translational Medicine</i> , 2014 , 6, 246ra96	17.5	231
86	Foxa3 induces goblet cell metaplasia and inhibits innate antiviral immunity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 301-13	10.2	97

85	A biomimetic multicellular model of the airways using primary human cells. <i>Lab on A Chip</i> , 2014 , 14, 3349-58	7.8	74
84	Aldehyde dehydrogenase 3A1 protects airway epithelial cells from cigarette smoke-induced DNA damage and cytotoxicity. <i>Free Radical Biology and Medicine</i> , 2014 , 68, 80-6	7.8	37
83	Mutations in RSPH1 cause primary ciliary dyskinesia with a unique clinical and ciliary phenotype. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 707-17	10.2	139
82	IL-6/STAT3 promotes regeneration of airway ciliated cells from basal stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3641-9	11.5	172
81	Breaking the in vitro alveolar type II cell proliferation barrier while retaining ion transport properties. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 50, 767-76	5.7	43
80	Iron accumulates in the lavage and explanted lungs of cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2013 , 12, 390-8	4.1	48
79	Human nasal and tracheo-bronchial respiratory epithelial cell culture. <i>Methods in Molecular Biology</i> , 2013 , 945, 109-21	1.4	168
78	Reverse genetics with a full-length infectious cDNA of the Middle East respiratory syndrome coronavirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16157-62	11.5	213
77	Evidence for multiple roles for grainyhead-like 2 in the establishment and maintenance of human mucociliary airway epithelium.[corrected]. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 9356-61	11.5	64
76	DiffSplice: the genome-wide detection of differential splicing events with RNA-seq. <i>Nucleic Acids Research</i> , 2013 , 41, e39	20.1	100
75	Type 2 alveolar cells are stem cells in adult lung. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3025-36	15.9	902
74	Molecular subtypes in head and neck cancer exhibit distinct patterns of chromosomal gain and loss of canonical cancer genes. <i>PLoS ONE</i> , 2013 , 8, e56823	3.7	204
73	Conditionally reprogrammed cells represent a stem-like state of adult epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 20035-40	11.5	193
72	Plasma membrane localization is required for RasA-mediated polarized morphogenesis and virulence of <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2012 , 11, 966-77		39
71	Expression profiles of aquaporins in rat conjunctiva, cornea, lacrimal gland and Meibomian gland. <i>Experimental Eye Research</i> , 2012 , 103, 22-32	3.7	15
70	Airway epithelial progenitors are region specific and show differential responses to bleomycin-induced lung injury. <i>Stem Cells</i> , 2012 , 30, 1948-60	5.8	124
69	VAMP8 is a vesicle SNARE that regulates mucin secretion in airway goblet cells. <i>Journal of Physiology</i> , 2012 , 590, 545-62	3.9	40
68	Intracellular insulin-like growth factor-1 induces Bcl-2 expression in airway epithelial cells. <i>Journal of Immunology</i> , 2012 , 188, 4581-9	5.3	22

67	Genetically determined heterogeneity of lung disease in a mouse model of airway mucus obstruction. <i>Physiological Genomics</i> , 2012 , 44, 470-84	3.6	23
66	E-catenin-SOX2 signaling regulates the fate of developing airway epithelium. <i>Journal of Cell Science</i> , 2012 , 125, 932-42	5.3	71
65	Differential pathogenesis of lung adenocarcinoma subtypes involving sequence mutations, copy number, chromosomal instability, and methylation. <i>PLoS ONE</i> , 2012 , 7, e36530	3.7	158
64	Notch-dependent differentiation of adult airway basal stem cells. <i>Cell Stem Cell</i> , 2011 , 8, 639-48	18	313
63	Localization and activity of the calcineurin catalytic and regulatory subunit complex at the septum is essential for hyphal elongation and proper septation in <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , 2011 , 82, 1235-59	4.1	65
62	Bronchial secretory immunoglobulin A deficiency correlates with airway inflammation and progression of chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 317-27	10.2	88
61	Terminal N-linked galactose is the primary receptor for adeno-associated virus 9. <i>Journal of Biological Chemistry</i> , 2011 , 286, 13532-40	5.4	170
60	Neutrophil extracellular trap (NET)-mediated killing of <i>Pseudomonas aeruginosa</i> : evidence of acquired resistance within the CF airway, independent of CFTR. <i>PLoS ONE</i> , 2011 , 6, e23637	3.7	157
59	SERCA2 regulates non-CF and CF airway epithelial cell response to ozone. <i>PLoS ONE</i> , 2011 , 6, e27451	3.7	16
58	Hsp 70/Hsp 90 organizing protein as a nitrosylation target in cystic fibrosis therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 11393-8	11.5	56
57	Human alveolar type II cells secrete and absorb liquid in response to local nucleotide signaling. <i>Journal of Biological Chemistry</i> , 2010 , 285, 34939-49	5.4	67
56	Lung squamous cell carcinoma mRNA expression subtypes are reproducible, clinically important, and correspond to normal cell types. <i>Clinical Cancer Research</i> , 2010 , 16, 4864-75	12.9	194
55	Airway basal stem cells: a perspective on their roles in epithelial homeostasis and remodeling. <i>DMM Disease Models and Mechanisms</i> , 2010 , 3, 545-56	4.1	488
54	Basal cells as stem cells of the mouse trachea and human airway epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 12771-5	11.5	989
53	Airway and lung pathology due to mucosal surface dehydration in β -epithelial Na ⁺ channel-overexpressing mice: role of TNF- α and IL-4R α signaling, influence of neonatal development, and limited efficacy of glucocorticoid treatment. <i>Journal of Immunology</i> , 2009 , 182, 4357-67	5.3	79
52	Transmembrane protein 16A (TMEM16A) is a Ca ²⁺ -regulated Cl ⁻ secretory channel in mouse airways. <i>Journal of Biological Chemistry</i> , 2009 , 284, 14875-80	5.4	201
51	Counteracting signaling activities in lipid rafts associated with the invasion of lung epithelial cells by <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Chemistry</i> , 2009 , 284, 9955-64	5.4	37
50	Bcl-2 suppresses sarcoplasmic/endoplasmic reticulum Ca ²⁺ -ATPase expression in cystic fibrosis airways: role in oxidant-mediated cell death. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 816-26	10.2	22

49	In vitro modeling of nonhypoxic cold ischemia-reperfusion simulating lung transplantation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2009 , 138, 760-7	1.5	10
48	Human airway epithelial cell culture to identify new respiratory viruses: coronavirus NL63 as a model. <i>Journal of Virological Methods</i> , 2009 , 156, 19-26	2.6	36
47	Highlights of a workshop to discuss targeting inflammation in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2009 , 8, 1-8	4.1	14
46	Abrogation of anti-inflammatory transcription factor LKLF in neutrophil-dominated airways. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 38, 679-88	5.7	13
45	Lung development and repair: contribution of the ciliated lineage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 410-7	11.5	212
44	Cystic fibrosis and other respiratory diseases of impaired mucus clearance. <i>Toxicologic Pathology</i> , 2007 , 35, 116-29	2.1	129
43	Smoking is associated with increased telomerase activity in short-term cultures of human bronchial epithelial cells. <i>Cancer Letters</i> , 2007 , 246, 24-33	9.9	20
42	The lactoperoxidase system links anion transport to host defense in cystic fibrosis. <i>FEBS Letters</i> , 2007 , 581, 271-8	3.8	95
41	Airway epithelium, inflammation, and mechanisms of disease: A tribute to Carol B. Basbaum. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 34, 523-6	5.7	3
40	SERCA pump inhibitors do not correct biosynthetic arrest of deltaF508 CFTR in cystic fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 34, 355-63	5.7	50
39	Effective mucus clearance is essential for respiratory health. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 35, 20-8	5.7	220
38	Circulating progenitor epithelial cells traffic via CXCR4/CXCL12 in response to airway injury. <i>Journal of Immunology</i> , 2006 , 176, 1916-27	5.3	123
37	Custom-designed wells and flow chamber for exposing air-liquid interface cultures to wall shear stress. <i>Annals of Biomedical Engineering</i> , 2006 , 34, 1890-5	4.7	13
36	Bcl-2 sustains increased mucous and epithelial cell numbers in metaplastic airway epithelium. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 764-72	10.2	48
35	Trends in lung pH and PO ₂ after circulatory arrest: implications for non-heart-beating donors and cell culture models of lung ischemia-reperfusion injury. <i>Journal of Heart and Lung Transplantation</i> , 2005 , 24, 2218-25	5.8	15
34	Well-differentiated human airway epithelial cell cultures. <i>Methods in Molecular Medicine</i> , 2005 , 107, 183-206		388
33	Cytokine amplification by respiratory syncytial virus infection in human nasal epithelial cells. <i>Laryngoscope</i> , 2005 , 115, 764-8	3.6	20
32	Chromosomal abnormalities in bronchial epithelium from smokers, nonsmokers, and lung cancer patients. <i>Cancer Genetics and Cytogenetics</i> , 2005 , 159, 137-42		5

31	Calcineurin inhibitor effects on growth and phenotype of human airway epithelial cells in vitro. <i>American Journal of Transplantation</i> , 2005 , 5, 2660-70	8.7	16
30	Reduced three-dimensional motility in dehydrated airway mucus prevents neutrophil capture and killing bacteria on airway epithelial surfaces. <i>Journal of Immunology</i> , 2005 , 175, 1090-9	5.3	108
29	Cytokine secretion by cystic fibrosis airway epithelial cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 645-53	10.2	124
28	C-Mannosylation of MUC5AC and MUC5B Cys subdomains. <i>Glycobiology</i> , 2004 , 14, 325-37	5.8	80
27	Restoration of the cystic fibrosis transmembrane conductance regulator function by splicing modulation. <i>EMBO Reports</i> , 2004 , 5, 1071-7	6.5	56
26	Transcellular thiocyanate transport by human airway epithelia. <i>Journal of Physiology</i> , 2004 , 561, 183-94	3.9	91
25	Real-time monitoring of keratin 5 expression during burn re-epithelialization. <i>Journal of Surgical Research</i> , 2004 , 120, 12-20	2.5	15
24	Making More MUCS. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003 , 28, 267-70	5.7	20
23	Hierarchical contributions of allorecognition pathways in chronic lung rejection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 167, 999-1007	10.2	30
22	Human leukocyte antigen mismatches predispose to the severity of bronchiolitis obliterans syndrome after lung transplantation. <i>Chest</i> , 2003 , 123, 1825-31	5.3	65
21	Activation of Toll-like receptor 2 on human tracheobronchial epithelial cells induces the antimicrobial peptide human beta defensin-2. <i>Journal of Immunology</i> , 2003 , 171, 6820-6	5.3	242
20	Epithelial kinetics in mouse heterotopic tracheal allografts. <i>American Journal of Transplantation</i> , 2002 , 2, 410-9	8.7	39
19	Immortalization and transformation of primary human airway epithelial cells by gene transfer. <i>Oncogene</i> , 2002 , 21, 4577-86	9.2	198
18	Identification of dynein heavy chain 7 as an inner arm component of human cilia that is synthesized but not assembled in a case of primary ciliary dyskinesia. <i>Journal of Biological Chemistry</i> , 2002 , 277, 17906-15	5.4	56
17	<i>Pseudomonas aeruginosa</i> -human airway epithelial cell interaction: effects of iron on inflammation and apoptosis. <i>Chest</i> , 2002 , 121, 40S-41S	5.3	
16	Effects of reduced mucus oxygen concentration in airway <i>Pseudomonas</i> infections of cystic fibrosis patients. <i>Journal of Clinical Investigation</i> , 2002 , 109, 317-25	15.9	474
15	Isolation and culture of airway epithelial cells from chronically infected human lungs. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2001 , 37, 480-9	2.6	47
14	Evidence for stem-cell niches in the tracheal epithelium. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 24, 662-70	5.7	327

13	CD14-dependent lipopolysaccharide-induced beta-defensin-2 expression in human tracheobronchial epithelium. <i>Journal of Biological Chemistry</i> , 2000 , 275, 29731-6	5.4	251
12	Mucin gene expression during differentiation of human airway epithelia in vitro. Muc4 and muc5b are strongly induced. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999 , 20, 595-604	5.7	180
11	Mucin production in the middle ear in response to lipopolysaccharides. <i>Otolaryngology - Head and Neck Surgery</i> , 1999 , 120, 884-8	5.5	23
10	Evidence for periciliary liquid layer depletion, not abnormal ion composition, in the pathogenesis of cystic fibrosis airways disease. <i>Cell</i> , 1998 , 95, 1005-15	56.2	941
9	Limited entry of adenovirus vectors into well-differentiated airway epithelium is responsible for inefficient gene transfer. <i>Journal of Virology</i> , 1998 , 72, 6014-23	6.6	243
8	Loss of binding and entry of liposome-DNA complexes decreases transfection efficiency in differentiated airway epithelial cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 1117-26	5.4	144
7	Ciliogenesis of rat tracheal epithelial cells in vitro. <i>Methods in Cell Biology</i> , 1995 , 47, 57-63	1.8	10
6	Phenotypic marker expression during fetal and neonatal differentiation of rat tracheal epithelial cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993 , 8, 546-55	5.7	11
5	Expression of "cell-type-specific" markers during rat tracheal epithelial regeneration. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992 , 7, 30-41	5.7	28
4	Measurement of boundaries using a digitizer tablet. <i>Journal of Microscopy</i> , 1990 , 160, 97-105	1.9	6
3	Biochemical quantitation and histochemical localization of cathepsin B, dipeptidyl peptidases I and II, and acid phosphatase in pulmonary granulomatosis and fibrosis in rats. <i>Inflammation</i> , 1988 , 12, 67-86	5.1	2
2	The use of 2-thionaphthyl acetate as a substrate for the localization and characterization of nonspecific esterase activity in rat alveolar and peritoneal macrophages. <i>The Histochemical Journal</i> , 1985 , 17, 43-56		8
1	A multimodal iPSC platform for cystic fibrosis drug testing		2