

# Scott H Randell

## List of Publications by Year in descending order

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143  
papers

21,728  
citations

13068

68  
h-index

10708

138  
g-index

148  
all docs

148  
docs citations

148  
times ranked

26837  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 30, 223-237.	3.7	24
2	Epigenome editing of the CFTR-locus for treatment of cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2022, 21, 164-171.	0.3	3
3	Pharmacokinetic-based failure of a detergent virucidal for severe acute respiratory syndrome "coronavirus" (SARS-CoV-2) nasal infections: A preclinical study and randomized controlled trial. <i>International Forum of Allergy and Rhinology</i> , 2022, , .	1.5	4
4	Human distal lung maps and lineage hierarchies reveal a bipotent progenitor. <i>Nature</i> , 2022, 604, 111-119.	13.7	137
5	Mucus concentration-dependent biophysical abnormalities unify submucosal gland and superficial airway dysfunction in cystic fibrosis. <i>Science Advances</i> , 2022, 8, eabm9718.	4.7	8
6	TP53, CDKN2A/P16, and NFE2L2/NRF2 regulate the incidence of pure- and combined-small cell lung cancer in mice. <i>Oncogene</i> , 2022, 41, 3423-3432.	2.6	7
7	Prevalence and Mechanisms of Mucus Accumulation in COVID-19 Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 1336-1352.	2.5	28
8	Derivation of Airway Basal Stem Cells from Human Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2021, 28, 79-95.e8.	5.2	119
9	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.	2.5	110
10	The Big Impact of Small Airway pH. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 123-125.	1.4	0
11	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.	0.9	32
12	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.	15.2	101
13	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.	6.5	13
14	Reuse of Cell Culture Inserts for <i>In Vitro</i> Human Primary Airway Epithelial Cell Studies. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 760-764.	1.4	2
15	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.	1.4	7
16	Identification of an ATP/P2X7/mast cell pathway mediating ozone-induced bronchial hyperresponsiveness. <i>JCI Insight</i> , 2021, 6, .	2.3	4
17	Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection. <i>Journal of Virology</i> , 2020, 94, .	1.5	162
18	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.	3.7	48

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19	A Circle RNA Regulatory Axis Promotes Lung Squamous Metastasis via CDR1-Mediated Regulation of Golgi Trafficking. <i>Cancer Research</i> , 2020, 80, 4972-4985.	0.4	23
20	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.	5.2	275
21	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.	1.2	58
22	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.	3.3	104
23	SARS-CoV-2 D614G variant exhibits efficient replication ex vivo and transmission in vivo. <i>Science</i> , 2020, 370, 1464-1468.	6.0	808
24	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.	2.5	107
25	Correction of Airway Stem Cells: Genome Editing Approaches for the Treatment of Cystic Fibrosis. <i>Human Gene Therapy</i> , 2020, 31, 956-972.	1.4	19
26	SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. <i>Cell</i> , 2020, 182, 429-446.e14.	13.5	1,257
27	A conditional mouse expressing an activating mutation in <i>NRF2</i> displays hyperplasia of the upper gastrointestinal tract and decreased white adipose tissue. <i>Journal of Pathology</i> , 2020, 252, 125-137.	2.1	16
28	Fibrocyte accumulation in the lungs of cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 815-822.	0.3	11
29	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.	1.4	23
30	Mometasone absorption in cultured airway epithelium. <i>International Forum of Allergy and Rhinology</i> , 2019, 9, 1451-1455.	1.5	4
31	Indoor dust acts as an adjuvant to promote sensitization to peanut through the airway. <i>Clinical and Experimental Allergy</i> , 2019, 49, 1500-1511.	1.4	31
32	Challenges Facing Airway Epithelial Cell-Based Therapy for Cystic Fibrosis. <i>Frontiers in Pharmacology</i> , 2019, 10, 74.	1.6	53
33	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.	2.5	53
34	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.	1.4	78
35	Pulmonary Neuroendocrine Cells Secrete $\hat{3}$ -Aminobutyric Acid to Induce Goblet Cell Hyperplasia in Primate Models. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 687-694.	1.4	47
36	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.	3.3	15

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37	Localization of Secretory Mucins MUC5AC and MUC5B in Normal/Healthy Human Airways. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 715-727.	2.5	194
38	IL-1 $\beta$ dominates the promucin secretory cytokine profile in cystic fibrosis. Journal of Clinical Investigation, 2019, 129, 4433-4450.	3.9	91
39	Molecular characterization of gene regulatory networks in primary human tracheal and bronchial epithelial cells. Journal of Cystic Fibrosis, 2018, 17, 444-453.	0.3	9
40	Chronic E-Cigarette Exposure Alters the Human Bronchial Epithelial Proteome. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 67-76.	2.5	176
41	Paper spray mass spectrometry for high-throughput quantification of nicotine and cotinine. Analytical Methods, 2018, 10, 46-50.	1.3	18
42	Loss of $\beta$ Epithelial Sodium Channel Function in Meibomian Glands Produces Pseudohypoaldosteronism 1 $\alpha$ -Like Ocular Disease in Mice. American Journal of Pathology, 2018, 188, 95-110.	1.9	9
43	Factor XIII $\alpha$ 2-expressing inflammatory monocytes promote lung squamous cancer through fibrin cross-linking. Nature Communications, 2018, 9, 1988.	5.8	69
44	Conditional reprogramming and long-term expansion of normal and tumor cells from human biospecimens. Nature Protocols, 2017, 12, 439-451.	5.5	253
45	Ets homologous factor (EHF) has critical roles in epithelial dysfunction in airway disease. Journal of Biological Chemistry, 2017, 292, 10938-10949.	1.6	43
46	Pharmacological Rescue of Conditionally Reprogrammed Cystic Fibrosis Bronchial Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 568-574.	1.4	133
47	A Slippery Cause of a Slimy Problem: Mucin Induction by an Esterified Lipid. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 633-634.	1.4	0
48	Augmentation of CFTR maturation by S-nitrosoglutathione reductase. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L263-L270.	1.3	38
49	SARS-like WIV1-CoV poised for human emergence. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3048-3053.	3.3	373
50	IL-13 Augments Compressive Stress-Induced Tissue Factor Expression in Human Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 524-531.	1.4	35
51	Impact of Acute Intermittent Exercise on Natural Killer Cells in Breast Cancer Survivors. Integrative Cancer Therapies, 2015, 14, 436-445.	0.8	50
52	Hypoxic Epithelial Necrosis Triggers Neutrophilic Inflammation via IL-1 Receptor Signaling in Cystic Fibrosis Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 902-913.	2.5	78
53	GRHL2 coordinates regeneration of a polarized mucociliary epithelium from basal stem cells. Journal of Cell Biology, 2015, 211, 669-682.	2.3	91
54	Unjamming and cell shape in the asthmatic airway epithelium. Nature Materials, 2015, 14, 1040-1048.	13.3	484

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55	A SARS-like cluster of circulating bat coronaviruses shows potential for human emergence. <i>Nature Medicine</i> , 2015, 21, 1508-1513.	15.2	753
56	Mutations in <i>RSPH1</i> Cause Primary Ciliary Dyskinesia with a Unique Clinical and Ciliary Phenotype. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 707-717.	2.5	191
57	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.	3.3	231
58	Breaking the <i>In Vitro</i> Alveolar Type II Cell Proliferation Barrier while Retaining Ion Transport Properties. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 767-776.	1.4	53
59	Localization of <i>Burkholderia cepacia</i> Complex Bacteria in Cystic Fibrosis Lungs and Interactions with <i>Pseudomonas aeruginosa</i> in Hypoxic Mucus. <i>Infection and Immunity</i> , 2014, 82, 4729-4745.	1.0	100
60	Repair and Regeneration of the Respiratory System: Complexity, Plasticity, and Mechanisms of Lung Stem Cell Function. <i>Cell Stem Cell</i> , 2014, 15, 123-138.	5.2	748
61	Potentiator ivacaftor abrogates pharmacological correction of $\Delta F508$ CFTR in cystic fibrosis. <i>Science Translational Medicine</i> , 2014, 6, 246ra96.	5.8	279
62	<i>Foxa3</i> Induces Goblet Cell Metaplasia and Inhibits Innate Antiviral Immunity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 301-313.	2.5	122
63	A biomimetic multicellular model of the airways using primary human cells. <i>Lab on A Chip</i> , 2014, 14, 3349-3358.	3.1	108
64	Aldehyde dehydrogenase 3A1 protects airway epithelial cells from cigarette smoke-induced DNA damage and cytotoxicity. <i>Free Radical Biology and Medicine</i> , 2014, 68, 80-86.	1.3	48
65	Iron accumulates in the lavage and explanted lungs of cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2013, 12, 390-398.	0.3	60
66	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, 16157-16162.	3.3	257
67	Evidence for multiple roles for grainyhead-like 2 in the establishment and maintenance of human mucociliary airway epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9356-9361.	3.3	76
68	DiffSplice: the genome-wide detection of differential splicing events with RNA-seq. <i>Nucleic Acids Research</i> , 2013, 41, e39-e39.	6.5	138
69	Type 2 alveolar cells are stem cells in adult lung. <i>Journal of Clinical Investigation</i> , 2013, 123, 3025-3036.	3.9	1,352
70	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.	1.1	263
71	$\beta$ -Catenin-SOX2 signaling regulates the fate of developing airway epithelium. <i>Journal of Cell Science</i> , 2012, 125, 932-942.	1.2	81
72	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, 20035-20040.	3.3	252

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73	Plasma Membrane Localization Is Required for RasA-Mediated Polarized Morphogenesis and Virulence of <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2012, 11, 966-977.	3.4	54
74	Expression profiles of aquaporins in rat conjunctiva, cornea, lacrimal gland and Meibomian gland. <i>Experimental Eye Research</i> , 2012, 103, 22-32.	1.2	22
75	Airway Epithelial Progenitors Are Region Specific and Show Differential Responses to Bleomycin-Induced Lung Injury. <i>Stem Cells</i> , 2012, 30, 1948-1960.	1.4	171
76	VAMP8 is a vesicle SNARE that regulates mucin secretion in airway goblet cells. <i>Journal of Physiology</i> , 2012, 590, 545-562.	1.3	50
77	Human Nasal and Tracheo-Bronchial Respiratory Epithelial Cell Culture. <i>Methods in Molecular Biology</i> , 2012, 945, 109-121.	0.4	223
78	Intracellular Insulin-like Growth Factor-1 Induces Bcl-2 Expression in Airway Epithelial Cells. <i>Journal of Immunology</i> , 2012, 188, 4581-4589.	0.4	23
79	Genetically determined heterogeneity of lung disease in a mouse model of airway mucus obstruction. <i>Physiological Genomics</i> , 2012, 44, 470-484.	1.0	27
80	Differential Pathogenesis of Lung Adenocarcinoma Subtypes Involving Sequence Mutations, Copy Number, Chromosomal Instability, and Methylation. <i>PLoS ONE</i> , 2012, 7, e36530.	1.1	225
81	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, 317-327.	2.5	111
82	Notch-Dependent Differentiation of Adult Airway Basal Stem Cells. <i>Cell Stem Cell</i> , 2011, 8, 639-648.	5.2	395
83	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, 1235-1259.	1.2	82
84	Terminal N-Linked Galactose Is the Primary Receptor for Adeno-associated Virus 9. <i>Journal of Biological Chemistry</i> , 2011, 286, 13532-13540.	1.6	213
85	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.	1.1	194
86	SERCA2 Regulates Non-CF and CF Airway Epithelial Cell Response to Ozone. <i>PLoS ONE</i> , 2011, 6, e27451.	1.1	19
87	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, 11393-11398.	3.3	62
88	Human Alveolar Type II Cells Secrete and Absorb Liquid in Response to Local Nucleotide Signaling. <i>Journal of Biological Chemistry</i> , 2010, 285, 34939-34949.	1.6	76
89	Lung Squamous Cell Carcinoma mRNA Expression Subtypes Are Reproducible, Clinically Important, and Correspond to Normal Cell Types. <i>Clinical Cancer Research</i> , 2010, 16, 4864-4875.	3.2	259
90	Airway basal stem cells: a perspective on their roles in epithelial homeostasis and remodeling. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 545-556.	1.2	627

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91	Basal cells as stem cells of the mouse trachea and human airway epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12771-12775.	3.3	1,296
92	Airway and Lung Pathology Due to Mucosal Surface Dehydration in $\beta$ -Epithelial Na <sup>+</sup> Channel-Overexpressing Mice: Role of TNF- $\alpha$ and IL-4R $\alpha$ Signaling, Influence of Neonatal Development, and Limited Efficacy of Glucocorticoid Treatment. Journal of Immunology, 2009, 182, 4357-4367.	0.4	86
93	Transmembrane Protein 16A (TMEM16A) Is a Ca <sup>2+</sup> -regulated Cl <sup>-</sup> Secretory Channel in Mouse Airways. Journal of Biological Chemistry, 2009, 284, 14875-14880.	1.6	220
94	Counteracting Signaling Activities in Lipid Rafts Associated with the Invasion of Lung Epithelial Cells by Pseudomonas aeruginosa. Journal of Biological Chemistry, 2009, 284, 9955-9964.	1.6	41
95	Bcl-2 Suppresses Sarcoplasmic/Endoplasmic Reticulum Ca <sup>2+</sup> -ATPase Expression in Cystic Fibrosis Airways. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 816-826.	2.5	28
96	In vitro modeling of nonhypoxic cold ischemia-reperfusion simulating lung transplantation. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 760-767.	0.4	15
97	Human airway epithelial cell culture to identify new respiratory viruses: Coronavirus NL63 as a model. Journal of Virological Methods, 2009, 156, 19-26.	1.0	42
98	Highlights of a workshop to discuss targeting inflammation in cystic fibrosis. Journal of Cystic Fibrosis, 2009, 8, 1-8.	0.3	18
99	Abrogation of Anti-Inflammatory Transcription Factor LKLF in Neutrophil-Dominated Airways. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 679-688.	1.4	14
100	Lung development and repair: Contribution of the ciliated lineage. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 410-417.	3.3	250
101	Cystic Fibrosis and Other Respiratory Diseases of Impaired Mucus Clearance. Toxicologic Pathology, 2007, 35, 116-129.	0.9	158
102	Smoking is associated with increased telomerase activity in short-term cultures of human bronchial epithelial cells. Cancer Letters, 2007, 246, 24-33.	3.2	26
103	The lactoperoxidase system links anion transport to host defense in cystic fibrosis. FEBS Letters, 2007, 581, 271-278.	1.3	107
104	Circulating Progenitor Epithelial Cells Traffic via CXCR4/CXCL12 in Response to Airway Injury. Journal of Immunology, 2006, 176, 1916-1927.	0.4	134
105	Custom-Designed Wells and Flow Chamber for Exposing Air-Liquid Interface Cultures to Wall Shear Stress. Annals of Biomedical Engineering, 2006, 34, 1890-1895.	1.3	15
106	Preface to Series. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 523-526.	1.4	3
107	SERCA Pump Inhibitors Do Not Correct Biosynthetic Arrest of $\beta$ 508 CFTR in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 355-363.	1.4	52
108	Effective Mucus Clearance Is Essential for Respiratory Health. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 20-28.	1.4	279

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109	Well-Differentiated Human Airway Epithelial Cell Cultures. , 2005, 107, 183-206.		478
110	Cytokine Amplification by Respiratory Syncytial Virus Infection in Human Nasal Epithelial Cells. Laryngoscope, 2005, 115, 764-768.	1.1	25
111	Chromosomal abnormalities in bronchial epithelium from smokers, nonsmokers, and lung cancer patients. Cancer Genetics and Cytogenetics, 2005, 159, 137-142.	1.0	6
112	Calcineurin Inhibitor Effects on Growth and Phenotype of Human Airway Epithelial Cells In Vitro. American Journal of Transplantation, 2005, 5, 2660-2670.	2.6	17
113	Reduced Three-Dimensional Motility in Dehydrated Airway Mucus Prevents Neutrophil Capture and Killing Bacteria on Airway Epithelial Surfaces. Journal of Immunology, 2005, 175, 1090-1099.	0.4	133
114	Bcl-2 Sustains Increased Mucous and Epithelial Cell Numbers in Metaplastic Airway Epithelium. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 764-772.	2.5	52
115	Trends in Lung pH and po2 After Circulatory Arrest: Implications for Non-Heart-Beating Donors and Cell Culture Models of Lung Ischemia-Reperfusion Injury. Journal of Heart and Lung Transplantation, 2005, 24, 2218-2225.	0.3	22
116	Cytokine Secretion by Cystic Fibrosis Airway Epithelial Cells. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 645-653.	2.5	133
117	C-Mannosylation of MUC5AC and MUC5B Cys subdomains. Glycobiology, 2004, 14, 325-337.	1.3	91
118	Restoration of the cystic fibrosis transmembrane conductance regulator function by splicing modulation. EMBO Reports, 2004, 5, 1071-1077.	2.0	65
119	Transcellular thiocyanate transport by human airway epithelia. Journal of Physiology, 2004, 561, 183-194.	1.3	98
120	Real-time monitoring of keratin 5 expression during burn re-epithelialization1. Journal of Surgical Research, 2004, 120, 12-20.	0.8	20
121	Activation of Toll-Like Receptor 2 on Human Tracheobronchial Epithelial Cells Induces the Antimicrobial Peptide Human $\beta$ 2 Defensin-2. Journal of Immunology, 2003, 171, 6820-6826.	0.4	267
122	Making More MUCS. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 267-270.	1.4	21
123	Hierarchical Contributions of Allorecognition Pathways in Chronic Lung Rejection. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 999-1007.	2.5	32
124	Human Leukocyte Antigen Mismatches Predispose to the Severity of Bronchiolitis Obliterans Syndrome After Lung Transplantation. Chest, 2003, 123, 1825-1831.	0.4	71
125	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. Journal of Biological Chemistry, 2002, 277, 17906-17915.	1.6	73
126	Pseudomonas aeruginosa-Human Airway Epithelial Cell Interaction. Chest, 2002, 121, 40S-41S.	0.4	1



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127	Epithelial Kinetics in Mouse Heterotopic Tracheal Allografts. American Journal of Transplantation, 2002, 2, 410-419.	2.6	43
128	Immortalization and transformation of primary human airway epithelial cells by gene transfer. Oncogene, 2002, 21, 4577-4586.	2.6	231
129	Effects of reduced mucus oxygen concentration in airway Pseudomonas infections of cystic fibrosis patients. Journal of Clinical Investigation, 2002, 109, 317-325.	3.9	647
130	Evidence for Stem-Cell Niches in the Tracheal Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 662-670.	1.4	384
131	ISOLATION AND CULTURE OF AIRWAY EPITHELIAL CELLS FROM CHRONICALLY INFECTED HUMAN LUNGS. In Vitro Cellular and Developmental Biology - Animal, 2001, 37, 480.	0.7	55
132	CD14-dependent Lipopolysaccharide-induced $\beta$ 2-Defensin-2 Expression in Human Tracheobronchial Epithelium. Journal of Biological Chemistry, 2000, 275, 29731-29736.	1.6	279
133	Mucin Gene Expression during Differentiation of Human Airway Epithelia <i>In Vitro</i> . American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 595-604.	1.4	186
134	Mucin Production in the Middle Ear in Response to Lipopolysaccharides. Otolaryngology - Head and Neck Surgery, 1999, 120, 884-888.	1.1	24
135	Evidence for Periciliary Liquid Layer Depletion, Not Abnormal Ion Composition, in the Pathogenesis of Cystic Fibrosis Airways Disease. Cell, 1998, 95, 1005-1015.	13.5	1,067
136	Limited Entry of Adenovirus Vectors into Well-Differentiated Airway Epithelium Is Responsible for Inefficient Gene Transfer. Journal of Virology, 1998, 72, 6014-6023.	1.5	274
137	Loss of Binding and Entry of Liposome-DNA Complexes Decreases Transfection Efficiency in Differentiated Airway Epithelial Cells. Journal of Biological Chemistry, 1997, 272, 1117-1126.	1.6	171
138	Chapter 10 Ciliogenesis of Rat Tracheal Epithelial Cells in Vitro. Methods in Cell Biology, 1995, 47, 57-63.	0.5	11
139	Phenotypic Marker Expression during Fetal and Neonatal Differentiation of Rat Tracheal Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 1993, 8, 546-555.	1.4	15
140	Expression of $\alpha$ -Cell-type-specific Markers during Rat Tracheal Epithelial Regeneration. American Journal of Respiratory Cell and Molecular Biology, 1992, 7, 30-41.	1.4	35
141	Measurement of boundaries using a digitizer tablet. Journal of Microscopy, 1990, 160, 97-105.	0.8	8
142	Biochemical quantitation and histochemical localization of cathepsin B, dipeptidyl peptidases I and II, and acid phosphatase in pulmonary granulomatosis and fibrosis in rats. Inflammation, 1988, 12, 67-86.	1.7	2
143	The use of 2-thionaphthyl acetate as a substrate for the localization and characterization of nonspecific esterase activity in rat alveolar and peritoneal macrophages. The Histochemical Journal, 1985, 17, 43-56.	0.6	9