Scott H Randell

List of Publications by Year
in descending order

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	Type 2 alveolar cells are stem cells in adult lung. Journal of Clinical Investigation, 2013, 123, 3025-3036.	3.9	1,352
2	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
3	SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. Cell, 2020, 182, 429-446.e14.	13.5	1,257
4	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
5	SARS-CoV-2 D614G variant exhibits efficient replication ex vivo and transmission in vivo. Science, 2020, 370, 1464-1468.	6.0	808
6	A SARS-like cluster of circulating bat coronaviruses shows potential for human emergence. Nature Medicine, 2015, 21, 1508-1513.	15.2	753
7	Repair and Regeneration of the Respiratory System: Complexity, Plasticity, and Mechanisms of Lung Stem Cell Function. Cell Stem Cell, 2014, 15, 123-138.	5.2	748
8	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
9	Airway basal stem cells: a perspective on their roles in epithelial homeostasis and remodeling. DMM Disease Models and Mechanisms, 2010, 3, 545-556.	1.2	627
10	Unjamming and cell shape in the asthmatic airwayÂepithelium. Nature Materials, 2015, 14, 1040-1048.	13.3	484
11	Well-Differentiated Human Airway Epithelial Cell Cultures. , 2005, 107, 183-206.		478
12	Notch-Dependent Differentiation of Adult Airway Basal Stem Cells. Cell Stem Cell, 2011, 8, 639-648.	5.2	395
13	Evidence for Stem-Cell Niches in the Tracheal Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2001, 24, 662-670.	1.4	384
14	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
15	CD14-dependent Lipopolysaccharide-induced Î²-Defensin-2 Expression in Human Tracheobronchial Epithelium. Journal of Biological Chemistry, 2000, 275, 29731-29736.	1.6	279
16	Effective Mucus Clearance Is Essential for Respiratory Health. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 20-28.	1.4	279
17	Potentiator ivacaftor abrogates pharmacological correction of Î”F508 CFTR in cystic fibrosis. Science Translational Medicine, 2014, 6, 246ra96.	5.8	279
18	Human Lung Stem Cell-Based Alveolospheres Provide Insights into SARS-CoV-2-Mediated Interferon Responses and Pneumocyte Dysfunction. Cell Stem Cell, 2020, 27, 890-904.e8.	5.2	275

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19	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
20	Activation of Toll-Like Receptor 2 on Human Tracheobronchial Epithelial Cells Induces the Antimicrobial Peptide Human Î² Defensin-2. Journal of Immunology, 2003, 171, 6820-6826.	0.4	267
21	Molecular Subtypes in Head and Neck Cancer Exhibit Distinct Patterns of Chromosomal Gain and Loss of Canonical Cancer Genes. PLoS ONE, 2013, 8, e56823.	1.1	263
22	Lung Squamous Cell Carcinoma mRNA Expression Subtypes Are Reproducible, Clinically Important, and Correspond to Normal Cell Types. Clinical Cancer Research, 2010, 16, 4864-4875.	3.2	259
23	Reverse genetics with a full-length infectious cDNA of the Middle East respiratory syndrome coronavirus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16157-16162.	3.3	257
24	Conditional reprogramming and long-term expansion of normal and tumor cells from human biospecimens. Nature Protocols, 2017, 12, 439-451.	5.5	253
25	Conditionally reprogrammed cells represent a stem-like state of adult epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20035-20040.	3.3	252
26	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
27	Immortalization and transformation of primary human airway epithelial cells by gene transfer. Oncogene, 2002, 21, 4577-4586.	2.6	231
28	IL-6/STAT3 promotes regeneration of airway ciliated cells from basal stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3641-9.	3.3	231
29	Differential Pathogenesis of Lung Adenocarcinoma Subtypes Involving Sequence Mutations, Copy Number, Chromosomal Instability, and Methylation. PLoS ONE, 2012, 7, e36530.	1.1	225
30	Human Nasal and Tracheo-Bronchial Respiratory Epithelial Cell Culture. Methods in Molecular Biology, 2012, 945, 109-121.	0.4	223
31	Transmembrane Protein 16A (TMEM16A) Is a Ca2+-regulated Clâ€“ Secretory Channel in Mouse Airways. Journal of Biological Chemistry, 2009, 284, 14875-14880.	1.6	220
32	Terminal N-Linked Galactose Is the Primary Receptor for Adeno-associated Virus 9. Journal of Biological Chemistry, 2011, 286, 13532-13540.	1.6	213
33	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
34	Neutrophil Extracellular Trap (NET)-Mediated Killing of Pseudomonas aeruginosa: Evidence of Acquired Resistance within the CF Airway, Independent of CFTR. PLoS ONE, 2011, 6, e23637.	1.1	194
35	Mutations in RSPH1 Cause Primary Ciliary Dyskinesia with a Unique Clinical and Ciliary Phenotype. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 707-717.	2.5	191
36	Mucin Gene Expression during Differentiation of Human Airway Epithelia In Vitro. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 595-604.	1.4	186

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37	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
38	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
39	Airway Epithelial Progenitors Are Region Specific and Show Differential Responses to Bleomycin-Induced Lung Injury. Stem Cells, 2012, 30, 1948-1960.	1.4	171
40	Trypsin Treatment Unlocks Barrier for Zoonotic Bat Coronavirus Infection. Journal of Virology, 2020, 94, .	1.5	162
41	Cystic Fibrosis and Other Respiratory Diseases of Impaired Mucus Clearance. Toxicologic Pathology, 2007, 35, 116-129.	0.9	158
42	DiffSplice: the genome-wide detection of differential splicing events with RNA-seq. Nucleic Acids Research, 2013, 41, e39-e39.	6.5	138
43	Human distal lung maps and lineage hierarchies reveal a bipotent progenitor. Nature, 2022, 604, 111-119.	13.7	137
44	Circulating Progenitor Epithelial Cells Traffic via CXCR4/CXCL12 in Response to Airway Injury. Journal of Immunology, 2006, 176, 1916-1927.	0.4	134
45	Cytokine Secretion by Cystic Fibrosis Airway Epithelial Cells. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 645-653.	2.5	133
46	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
47	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
48	Foxa3 Induces Goblet Cell Metaplasia and Inhibits Innate Antiviral Immunity. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 301-313.	2.5	122
49	Derivation of Airway Basal Stem Cells from Human Pluripotent Stem Cells. Cell Stem Cell, 2021, 28, 79-95.e8.	5.2	119
50	Bronchial Secretory Immunoglobulin A Deficiency Correlates With Airway Inflammation and Progression of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 317-327.	2.5	111
51	Secretory Cells Dominate Airway CFTR Expression and Function in Human Airway Superficial Epithelia. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 1275-1289.	2.5	110
52	A biomimetic multicellular model of the airways using primary human cells. Lab on A Chip, 2014, 14, 3349-3358.	3.1	108
53	The lactoperoxidase system links anion transport to host defense in cystic fibrosis. FEBS Letters, 2007, 581, 271-278.	1.3	107
54	Single-Cell Reconstruction of Human Basal Cell Diversity in Normal and Idiopathic Pulmonary Fibrosis Lungs. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1540-1550.	2.5	107

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55	Swine acute diarrhea syndrome coronavirus replication in primary human cells reveals potential susceptibility to infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26915-26925.	3.3	104
56	Transcriptional analysis of cystic fibrosis airways at single-cell resolution reveals altered epithelial cell states and composition. Nature Medicine, 2021, 27, 806-814.	15.2	101
57	Localization of Burkholderia cepacia Complex Bacteria in Cystic Fibrosis Lungs and Interactions with Pseudomonas aeruginosa in Hypoxic Mucus. Infection and Immunity, 2014, 82, 4729-4745.	1.0	100
58	Transcellular thiocyanate transport by human airway epithelia. Journal of Physiology, 2004, 561, 183-194.	1.3	98
59	C-Mannosylation of MUC5AC and MUC5B Cys subdomains. Glycobiology, 2004, 14, 325-337.	1.3	91
60	GRHL2 coordinates regeneration of a polarized mucociliary epithelium from basal stem cells. Journal of Cell Biology, 2015, 211, 669-682.	2.3	91
61	IL-1Î² dominates the promucin secretory cytokine profile in cystic fibrosis. Journal of Clinical Investigation, 2019, 129, 4433-4450.	3.9	91
62	Airway and Lung Pathology Due to Mucosal Surface Dehydration in Î²-Epithelial Na+ Channel-Overexpressing Mice: Role of TNF-Î± and IL-4RÎ± Signaling, Influence of Neonatal Development, and Limited Efficacy of Glucocorticoid Treatment. Journal of Immunology, 2009, 182, 4357-4367.	0.4	86
63	Localization and activity of the calcineurin catalytic and regulatory subunit complex at the septum is essential for hyphal elongation and proper septation in Aspergillus fumigatus. Molecular Microbiology, 2011, 82, 1235-1259.	1.2	82
64	Î²-Cateninâ€“SOX2 signaling regulates the fate of developing airway epithelium. Journal of Cell Science, 2012, 125, 932-942.	1.2	81
65	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
66	Intercellular Communication between Airway Epithelial Cells Is Mediated by Exosome-Like Vesicles. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 209-220.	1.4	78
67	Human Alveolar Type II Cells Secrete and Absorb Liquid in Response to Local Nucleotide Signaling. Journal of Biological Chemistry, 2010, 285, 34939-34949.	1.6	76
68	Evidence for multiple roles for grainyhead-like 2 in the establishment and maintenance of human mucociliary airway epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9356-9361.	3.3	76
69	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
70	Human Leukocyte Antigen Mismatches Predispose to the Severity of Bronchiolitis Obliterans Syndrome After Lung Transplantationa. Chest, 2003, 123, 1825-1831.	0.4	71
71	Factor XIIIAâ€”expressing inflammatory monocytes promote lung squamous cancer through fibrin cross-linking. Nature Communications, 2018, 9, 1988.	5.8	69
72	Restoration of the cystic fibrosis transmembrane conductance regulator function by splicing modulation. EMBO Reports, 2004, 5, 1071-1077.	2.0	65

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73	Hsp 70/Hsp 90 organizing protein as a nitrosylation target in cystic fibrosis therapy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11393-11398.	3.3	62
74	Iron accumulates in the lavage and explanted lungs of cystic fibrosis patients. Journal of Cystic Fibrosis, 2013, 12, 390-398.	0.3	60
75	Content and Performance of the MiniMUGA Genotyping Array: A New Tool To Improve Rigor and Reproducibility in Mouse Research. Genetics, 2020, 216, 905-930.	1.2	58
76	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
77	Plasma Membrane Localization Is Required for RasA-Mediated Polarized Morphogenesis and Virulence of Aspergillus fumigatus. Eukaryotic Cell, 2012, 11, 966-977.	3.4	54
78	Breaking the In Vitro Alveolar Type II Cell Proliferation Barrier while Retaining Ion Transport Properties. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 767-776.	1.4	53
79	Challenges Facing Airway Epithelial Cell-Based Therapy for Cystic Fibrosis. Frontiers in Pharmacology, 2019, 10, 74.	1.6	53
80	XBP1S Regulates MUC5B in a Promoter Variantâ€“Dependent Pathway in Idiopathic Pulmonary Fibrosis Airway Epithelia. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 220-234.	2.5	53
81	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
82	SERCA Pump Inhibitors Do Not Correct Biosynthetic Arrest of Î”F508 CFTR in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 355-363.	1.4	52
83	VAMP8 is a vesicle SNARE that regulates mucin secretion in airway goblet cells. Journal of Physiology, 2012, 590, 545-562.	1.3	50
84	Impact of Acute Intermittent Exercise on Natural Killer Cells in Breast Cancer Survivors. Integrative Cancer Therapies, 2015, 14, 436-445.	0.8	50
85	Aldehyde dehydrogenase 3A1 protects airway epithelial cells from cigarette smoke-induced DNA damage and cytotoxicity. Free Radical Biology and Medicine, 2014, 68, 80-86.	1.3	48
86	Highly Efficient Gene Editing of Cystic Fibrosis Patient-Derived Airway Basal Cells Results in Functional CFTR Correction. Molecular Therapy, 2020, 28, 1684-1695.	3.7	48
87	Pulmonary Neuroendocrine Cells Secrete Î³-Aminobutyric Acid to Induce Goblet Cell Hyperplasia in Primate Models. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 687-694.	1.4	47
88	Epithelial Kinetics in Mouse Heterotopic Tracheal Allografts. American Journal of Transplantation, 2002, 2, 410-419.	2.6	43
89	Ets homologous factor (EHF) has critical roles in epithelial dysfunction in airway disease. Journal of Biological Chemistry, 2017, 292, 10938-10949.	1.6	43
90	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

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91	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
92	Augmentation of CFTR maturation byS-nitrosoglutathione reductase. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L263-L270.	1.3	38
93	Expression of â€œCell-type-specificâ€•Markers during Rat Tracheal Epithelial Regeneration. American Journal of Respiratory Cell and Molecular Biology, 1992, 7, 30-41.	1.4	35
94	IL-13 Augments Compressive Stressâ€“Induced Tissue Factor Expression in Human Airway Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 524-531.	1.4	35
95	Hierarchical Contributions of Allorecognition Pathways in Chronic Lung Rejection. American Journal of Respiratory and Critical Care Medicine, 2003, 167, 999-1007.	2.5	32
96	DNAJB12 and Hsp70 triage arrested intermediates of N1303K-CFTR for endoplasmic reticulum-associated autophagy. Molecular Biology of the Cell, 2021, 32, 538-553.	0.9	32
97	Indoor dust acts as an adjuvant to promote sensitization to peanut through the airway. Clinical and Experimental Allergy, 2019, 49, 1500-1511.	1.4	31
98	Bcl-2 Suppresses Sarcoplasmic/Endoplasmic Reticulum Ca²⁺-ATPase Expression in Cystic Fibrosis Airways. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 816-826.	2.5	28
99	Prevalence and Mechanisms of Mucus Accumulation in COVID-19 Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1336-1352.	2.5	28
100	Genetically determined heterogeneity of lung disease in a mouse model of airway mucus obstruction. Physiological Genomics, 2012, 44, 470-484.	1.0	27
101	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
102	Cytokine Amplification by Respiratory Syncytial Virus Infection in Human Nasal Epithelial Cells. Laryngoscope, 2005, 115, 764-768.	1.1	25
103	Mucin Production in the Middle Ear in Response to Lipopolysaccharides. Otolaryngology - Head and Neck Surgery, 1999, 120, 884-888.	1.1	24
104	Targeted replacement of full-length CFTR in human airway stem cells by CRISPR-Cas9 for pan-mutation correction in the endogenous locus. Molecular Therapy, 2022, 30, 223-237.	3.7	24
105	Intracellular Insulin-like Growth Factor-1 Induces Bcl-2 Expression in Airway Epithelial Cells. Journal of Immunology, 2012, 188, 4581-4589.	0.4	23
106	A Circle RNA Regulatory Axis Promotes Lung Squamous Metastasis via CDR1-Mediated Regulation of Golgi Trafficking. Cancer Research, 2020, 80, 4972-4985.	0.4	23
107	Assessing Human Airway Epithelial Progenitor Cells for Cystic Fibrosis Cell Therapy. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 374-385.	1.4	23
108	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

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109	Expression profiles of aquaporins in rat conjunctiva, cornea, lacrimal gland and Meibomian gland. Experimental Eye Research, 2012, 103, 22-32.	1.2	22
110	Making More MUCS. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 267-270.	1.4	21
111	Real-time monitoring of keratin 5 expression during burn re-epithelialization1. Journal of Surgical Research, 2004, 120, 12-20.	0.8	20
112	Correction of Airway Stem Cells: Genome Editing Approaches for the Treatment of Cystic Fibrosis. Human Gene Therapy, 2020, 31, 956-972.	1.4	19
113	SERCA2 Regulates Non-CF and CF Airway Epithelial Cell Response to Ozone. PLoS ONE, 2011, 6, e27451.	1.1	19
114	Highlights of a workshop to discuss targeting inflammation in cystic fibrosis. Journal of Cystic Fibrosis, 2009, 8, 1-8.	0.3	18
115	Paper spray mass spectrometry for high-throughput quantification of nicotine and cotinine. Analytical Methods, 2018, 10, 46-50.	1.3	18
116	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
117	A conditional mouse expressing an activating mutation in <scp>NRF2</scp> displays hyperplasia of the upper gastrointestinal tract and decreased white adipose tissue. Journal of Pathology, 2020, 252, 125-137.	2.1	16
118	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
119	Custom-Designed Wells and Flow Chamber for Exposing Airâ€“Liquid Interface Cultures to Wall Shear Stress. Annals of Biomedical Engineering, 2006, 34, 1890-1895.	1.3	15
120	In vitro modeling of nonhypoxic cold ischemiaâ€“reperfusion simulating lung transplantation. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 760-767.	0.4	15
121	ABL kinase inhibition promotes lung regeneration through expansion of an SCGB1A1+ SPC+ cell population following bacterial pneumonia. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1603-1612.	3.3	15
122	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
123	Enhanced delivery of peptide-morpholino oligonucleotides with a small molecule to correct splicing defects in the lung. Nucleic Acids Research, 2021, 49, 6100-6113.	6.5	13
124	Chapter 10 Ciliogenesis of Rat Tracheal Epithelial Cells in Vitro. Methods in Cell Biology, 1995, 47, 57-63.	0.5	11
125	Fibrocyte accumulation in the lungs of cystic fibrosis patients. Journal of Cystic Fibrosis, 2020, 19, 815-822.	0.3	11
126	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

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127	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
128	Loss of Î² Epithelial Sodium Channel Function in Meibomian Glands Produces Pseudohypoaldosteronism 1â€“Like Ocular Disease in Mice. American Journal of Pathology, 2018, 188, 95-110.	1.9	9
129	Measurement of boundaries using a digitizer tablet. Journal of Microscopy, 1990, 160, 97-105.	0.8	8
130	Mucus concentrationâ€“dependent biophysical abnormalities unify submucosal gland and superficial airway dysfunction in cystic fibrosis. Science Advances, 2022, 8, eabm9718.	4.7	8
131	Chromatin Landscapes of Human Lung Cells Predict Potentially Functional Chronic Obstructive Pulmonary Disease Genome-Wide Association Study Variants. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 92-102.	1.4	7
132	TP53, CDKN2A/P16, and NFE2L2/NRF2 regulate the incidence of pure- and combined-small cell lung cancer in mice. Oncogene, 2022, 41, 3423-3432.	2.6	7
133	Chromosomal abnormalities in bronchial epithelium from smokers, nonsmokers, and lung cancer patients. Cancer Genetics and Cytogenetics, 2005, 159, 137-142.	1.0	6
134	Mometasone absorption in cultured airway epithelium. International Forum of Allergy and Rhinology, 2019, 9, 1451-1455.	1.5	4
135	Identification of an ATP/P2X7/mast cell pathway mediating ozone-induced bronchial hyperresponsiveness. JCI Insight, 2021, 6, .	2.3	4
136	Pharmacokineticâ€based failure of a detergent virucidal for severe acute respiratory syndromeâ€“coronavirusâ€2 (SARSâ€CoVâ€2) nasal infections: A preclinical study and randomized controlled trial. International Forum of Allergy and Rhinology, 2022, , .	1.5	4
137	Preface to Series. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 523-526.	1.4	3
138	Epigenome editing of the CFTR-locus for treatment of cystic fibrosis. Journal of Cystic Fibrosis, 2022, 21, 164-171.	0.3	3
139	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
140	Reuse of Cell Culture Inserts for InÂVitro Human Primary Airway Epithelial Cell Studies. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 760-764.	1.4	2
141	Pseudomonas aeruginosa-Human Airway Epithelial Cell Interaction. Chest, 2002, 121, 40S-41S.	0.4	1
142	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
143	The Big Impact of Small Airway pH. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 123-125.	1.4	0