Paul B Mccray Jr

List of Publications by Year
in descending order

222	24,875	6840 81	8878 150
papers	citations	h-index	g-index

230	230	230	32606
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Eicosanoid signalling blockade protects middle-aged mice from severe COVID-19. Nature, 2022, 605, 146-151.	13.7	82
2	Translating in vitro CFTR rescue into small molecule correctors for cystic fibrosis using the Library of Integrated Networkâ€based Cellular Signatures drug discovery platform. CPT: Pharmacometrics and Systems Pharmacology, 2022, 11, 240-251.	1.3	4
3	COVID-19 treatments and pathogenesis including anosmia in K18-hACE2 mice. Nature, 2021, 589, 603-607.	13.7	394
4	Middle East Respiratory Syndrome Coronavirus Gene 5 Modulates Pathogenesis in Mice. Journal of Virology, 2021, 95, .	1.5	10
5	Structure-based phylogeny identifies avoralstat as a TMPRSS2 inhibitor that prevents SARS-CoV-2 infection in mice. Journal of Clinical Investigation, 2021, 131, .	3.9	24
6	Suspected COVID-19 Reinfections at a Tertiary Care Center, Iowa, 2020. Open Forum Infectious Diseases, 2021, 8, ofab188.	0.4	0
7	The NIH Somatic Cell Genome Editing program. Nature, 2021, 592, 195-204.	13.7	84
8	The first few days of a SARS-CoV-2 infection viewed at single-cell resolution. PLoS Biology, 2021, 19, e3001217.	2.6	2
9	Integrative chemogenomic analysis identifies small molecules that partially rescue Î”F508â€CFTR for cystic fibrosis. CPT: Pharmacometrics and Systems Pharmacology, 2021, 10, 500-510.	1.3	3
10	Molecular epidemiology of large coronavirus disease 2019 (COVID-19) clusters before and after the implementation of routine serial testing at an academic medical center in Iowa, 2020. Infection Control and Hospital Epidemiology, 2021, 42, 1514-1516.	1.0	3
11	Increased CFTR expression and function from an optimized lentiviral vector for cystic fibrosis gene therapy. Molecular Therapy - Methods and Clinical Development, 2021, 21, 94-106.	1.8	8
12	Intersubject Variation in ACE2 Protein Expression in Human Airway Epithelia and Its Relationship to Severe Acute Respiratory Syndrome Coronavirus 2. Journal of Infectious Diseases, 2021, 224, 1357-1361.	1.9	3
13	Protection of K18-hACE2 mice and ferrets against SARS-CoV-2 challenge by a single-dose mucosal immunization with a parainfluenza virus 5â€“based COVID-19 vaccine. Science Advances, 2021, 7, .	4.7	60
14	The TMPRSS2 Inhibitor Nafamostat Reduces SARS-CoV-2 Pulmonary Infection in Mouse Models of COVID-19. MBio, 2021, 12, e0097021.	1.8	87
15	Functional correction ofCFTRmutations in human airway epithelial cells using adenine base editors. Nucleic Acids Research, 2021, 49, 10558-10572.	6.5	25
16	Lentiviral vectors transduce lung stem cells without disrupting plasticity. Molecular Therapy - Nucleic Acids, 2021, 25, 293-301.	2.3	4
17	Analysis of multiple gene co-expression networks to discover interactions favoring CFTR biogenesis and Î”F508-CFTR rescue. BMC Medical Genomics, 2021, 14, 258.	0.7	2
18	Inter-individual Variation in Receptor Expression Influences MERS-CoV Infection and Immune Responses in Airway Epithelia. Frontiers in Public Health, 2021, 9, 756049.	1.3	1

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19	Gene Therapy Potential for Genetic Disorders of Surfactant Dysfunction. Frontiers in Genome Editing, 2021, 3, 785829.	2.7	13
20	Airway Surface Liquid Has Innate Antiviral Activity That Is Reduced in Cystic Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 104-111.	1.4	16
21	Heterogeneous expression of the SARS-Coronavirus-2 receptor ACE2 in the human respiratory tract. EBioMedicine, 2020, 60, 102976.	2.7	153
22	Illuminating COVID-19 lung disease through autopsy studies. EBioMedicine, 2020, 57, 102865.	2.7	4
23	New Directions in Pulmonary Gene Therapy. Human Gene Therapy, 2020, 31, 921-939.	1.4	10
24	Integrative genomic meta-analysis reveals novel molecular insights into cystic fibrosis and Î”F508-CFTR rescue. Scientific Reports, 2020, 10, 20553.	1.6	7
25	Sensitization of Non-permissive Laboratory Mice to SARS-CoV-2 with a Replication-Deficient Adenovirus Expressing Human ACE2. STAR Protocols, 2020, 1, 100169.	0.5	20
26	Transcriptomic and Proteostasis Networks of CFTR and the Development of Small Molecule Modulators for the Treatment of Cystic Fibrosis Lung Disease. Genes, 2020, 11, 546.	1.0	15
27	Generation of a Broadly Useful Model for COVID-19 Pathogenesis, Vaccination, and Treatment. Cell, 2020, 182, 734-743.e5.	13.5	398
28	A SARS-CoV-2 Infection Model in Mice Demonstrates Protection by Neutralizing Antibodies. Cell, 2020, 182, 744-753.e4.	13.5	486
29	Single-Dose, Intranasal Immunization with Recombinant Parainfluenza Virus 5 Expressing Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Spike Protein Protects Mice from Fatal MERS-CoV Infection. MBio, 2020, 11, .	1.8	43
30	Development of a Mouse-Adapted MERS Coronavirus. Methods in Molecular Biology, 2020, 2099, 161-171.	0.4	16
31	Advances in gene therapy for cystic fibrosis lung disease. Human Molecular Genetics, 2019, 28, R88-R94.	1.4	72
32	Engineered amphiphilic peptides enable delivery of proteins and CRISPR-associated nucleases to airway epithelia. Nature Communications, 2019, 10, 4906.	5.8	83
33	A Novel AAV-mediated Gene Delivery System Corrects CFTR Function in Pigs. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 747-754.	1.4	31
34	Lentiviral Vectors for the Treatment and Prevention of Cystic Fibrosis Lung Disease. Genes, 2019, 10, 218.	1.0	48
35	Engineered transfer RNAs for suppression of premature termination codons. Nature Communications, 2019, 10, 822.	5.8	86
36	IFN-I response timing relative to virus replication determines MERS coronavirus infection outcomes. Journal of Clinical Investigation, 2019, 129, 3625-3639.	3.9	460

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37	Lack of cystic fibrosis transmembrane conductance regulator disrupts fetal airway development in pigs. Laboratory Investigation, 2018, 98, 825-838.	1.7	32
38	Attenuation of pulmonary ACE2 activity impairs inactivation of des-Arg⁹bradykinin/BKB1R axis and facilitates LPS-induced neutrophil infiltration. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L17-L31.	1.3	304
39	Delayed neutrophil apoptosis enhances NET formation in cystic fibrosis. Thorax, 2018, 73, 134-144.	2.7	144
40	Cystic Fibrosis Gene Therapy: Looking Back, Looking Forward. Genes, 2018, 9, 538.	1.0	87
41	Widespread airway distribution and short-term phenotypic correction of cystic fibrosis pigs following aerosol delivery of piggyBac/adenovirus. Nucleic Acids Research, 2018, 46, 9591-9600.	6.5	38
42	Monocyte derived macrophages from CF pigs exhibit increased inflammatory responses at birth. Journal of Cystic Fibrosis, 2017, 16, 471-474.	0.3	35
43	Mouse-adapted MERS coronavirus causes lethal lung disease in human DPP4 knockin mice. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3119-E3128.	3.3	147
44	Developing a platform system for gene delivery: amplifying virus-like particles (AVLP) as an influenza vaccine. Npj Vaccines, 2017, 2, 32.	2.9	5
45	The tetraspanin CD9 facilitates MERS-coronavirus entry by scaffolding host cell receptors and proteases. PLoS Pathogens, 2017, 13, e1006546.	2.1	121
46	Newborn Cystic Fibrosis Pigs Have a Blunted Early Response to an Inflammatory Stimulus. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 845-854.	2.5	32
47	Novel Innate Immune Genes Regulating the Macrophage Response to Gram Positive Bacteria. Genetics, 2016, 204, 327-336.	1.2	9
48	Proteolytic processing of Middle East respiratory syndrome coronavirus spikes expands virus tropism. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12262-12267.	3.3	272
49	SYVN1, NEDD8, and FBXO2 Proteins Regulate Î”F508 Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Ubiquitin-mediated Proteasomal Degradation. Journal of Biological Chemistry, 2016, 291, 25489-25504.	1.6	27
50	Airway acidification initiates host defense abnormalities in cystic fibrosis mice. Science, 2016, 351, 503-507.	6.0	254
51	Dipeptidyl Peptidase 4 Distribution in the Human Respiratory Tract. American Journal of Pathology, 2016, 186, 78-86.	1.9	148
52	Human, Pig, and Mouse Interferon-Induced Transmembrane Proteins Partially Restrict Pseudotyped Lentiviral Vectors. Human Gene Therapy, 2016, 27, 354-362.	1.4	11
53	Immunohistochemical Detection of Markers for Translational Studies of Lung Disease in Pigs and Humans. Toxicologic Pathology, 2016, 44, 434-441.	0.9	34
54	Highly differentiated human airway epithelial cells: a model to study host cellâ€“parasite interactions in pertussis. Infectious Diseases, 2016, 48, 177-188.	1.4	20

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55	Middle East Respiratory Syndrome Coronavirus Causes Multiple Organ Damage and Lethal Disease in Mice Transgenic for Human Dipeptidyl Peptidase 4. Journal of Infectious Diseases, 2016, 213, 712-722.	1.9	375
56	Lentiviral-mediated phenotypic correction of cystic fibrosis pigs. JCI Insight, 2016, 1, .	2.3	73
57	NETs and CF Lung Disease: Current Status and Future Prospects. Antibiotics, 2015, 4, 62-75.	1.5	42
58	Integrating Viral and Nonviral Vectors for Cystic Fibrosis Gene Therapy in the Airways. , 2015, , .		2
59	Increased susceptibility to otitis media in a Splunc1-deficient mouse model. DMM Disease Models and Mechanisms, 2015, 8, 501-508.	1.2	16
60	Ferret and Pig Models of Cystic Fibrosis: Prospects and Promise for Gene Therapy. Human Gene Therapy Clinical Development, 2015, 26, 38-49.	3.2	57
61	The innate immune function of airway epithelial cells in inflammatory lung disease. European Respiratory Journal, 2015, 45, 1150-1162.	3.1	303
62	Increased Concentration of Iodide in Airway Secretions Is Associated with Reduced Respiratory Syncytial Virus Disease Severity. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 389-397.	1.4	39
63	piggyBac-mediated phenotypic correction of factor VIII deficiency. Molecular Therapy - Methods and Clinical Development, 2014, 1, 14042.	1.8	10
64	Platelet Activating Factor Receptor Activation Improves siRNA Uptake and RNAi Responses in Well-differentiated Airway Epithelia. Molecular Therapy - Nucleic Acids, 2014, 3, e175.	2.3	2
65	A Genomic Signature Approach to Rescue Î”F508-Cystic Fibrosis Transmembrane Conductance Regulator Biosynthesis and Function. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 354-362.	1.4	13
66	Tracheomalacia is associated with lower FEV₁ and Pseudomonas acquisition in children with CF. Pediatric Pulmonology, 2014, 49, 960-970.	1.0	43
67	Effects of airway surface liquid pH on host defense in cystic fibrosis. International Journal of Biochemistry and Cell Biology, 2014, 52, 124-129.	1.2	42
68	Receptor Variation and Susceptibility to Middle East Respiratory Syndrome Coronavirus Infection. Journal of Virology, 2014, 88, 4953-4961.	1.5	101
69	Genotype-specific alterations in vascular smooth muscle cell function in cystic fibrosis piglets. Journal of Cystic Fibrosis, 2014, 13, 251-259.	0.3	20
70	Rapid generation of a mouse model for Middle East respiratory syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4970-4975.	3.3	399
71	miR-31 Dysregulation in Cystic Fibrosis Airways Contributes to Increased Pulmonary Cathepsin S Production. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 165-174.	2.5	71
72	SPLUNC1/BPIFA1 Contributes to Pulmonary Host Defense against Klebsiella pneumoniae Respiratory Infection. American Journal of Pathology, 2013, 182, 1519-1531.	1.9	74

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73	Post-Transcriptional Regulation of Cystic Fibrosis Transmembrane Conductance Regulator Expression and Function by MicroRNAs. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 544-551.	1.4	93
74	Protein composition of bronchoalveolar lavage fluid and airway surface liquid from newborn pigs. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L256-L266.	1.3	33
75	Person-to-Person Spread of the MERS Coronavirus â€" An Evolving Picture. New England Journal of Medicine, 2013, 369, 466-467.	13.9	25
76	Efficient delivery of RNA interference oligonucleotides to polarized airway epithelia in vitro. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L23-L32.	1.3	41
77	piggyBac transposase tools for genome engineering. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2279-87.	3.3	186
78	Intrapulmonary Versus Nasal Transduction of Murine Airways With GP64-pseudotyped Viral Vectors. Molecular Therapy - Nucleic Acids, 2013, 2, e69.	2.3	9
79	Cystic Fibrosis and Defective Airway Innate Immunity. , 2013, , 275-306.		2
80	Intestinal CFTR expression alleviates meconium ileus in cystic fibrosis pigs. Journal of Clinical Investigation, 2013, 123, 2685-2693.	3.9	109
81	Intranasal Treatment with Poly(IÂ·C) Protects Aged Mice from Lethal Respiratory Virus Infections. Journal of Virology, 2012, 86, 11416-11424.	1.5	113
82	A microRNA network regulates expression and biosynthesis of wild-type and Î”F508 mutant cystic fibrosis transmembrane conductance regulator. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13362-13367.	3.3	111
83	Lentiviral Vector Gene Transfer to Porcine Airways. Molecular Therapy - Nucleic Acids, 2012, 1, e56.	2.3	44
84	Manipulation of Cell Physiology Enables Gene Silencing in Well-differentiated Airway Epithelia. Molecular Therapy - Nucleic Acids, 2012, 1, e41.	2.3	24
85	A Hyperactive Transposase Promotes Persistent Gene Transfer of a piggyBac DNA Transposon. Molecular Therapy - Nucleic Acids, 2012, 1, e50.	2.3	39
86	Future Directions in Early Cystic Fibrosis Lung Disease Research. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 887-892.	2.5	68
87	Pancreatic Damage in Fetal and Newborn Cystic Fibrosis Pigs Involves the Activation of Inflammatory and Remodeling Pathways. American Journal of Pathology, 2012, 181, 499-507.	1.9	56
88	Sinus hypoplasia precedes sinus infection in a porcine model of cystic fibrosis. Laryngoscope, 2012, 122, 1898-1905.	1.1	61
89	Transcriptional Targeting in the Airway Using Novel Gene Regulatory Elements. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 227-233.	1.4	6
90	Reduced airway surface pH impairs bacterial killing in the porcine cystic fibrosis lung. Nature, 2012, 487, 109-113.	13.7	691

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91	CFTR is required for maximal transepithelial liquid transport in pig alveolar epithelia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L152-L160.	1.3	31
92	Advances in Cell and Gene-based Therapies for Cystic Fibrosis Lung Disease. Molecular Therapy, 2012, 20, 1108-1115.	3.7	36
93	Quantitation of SPLUNC1 in saliva with an xMAP particle-based antibody capture and detection immunoassay. Archives of Oral Biology, 2012, 57, 197-204.	0.8	11
94	Adherens junction protein nectin-4 is the epithelial receptor for measles virus. Nature, 2011, 480, 530-533.	13.7	504
95	An Activated Immune and Inflammatory Response Targets the Pancreas of Newborn Pigs with Cystic Fibrosis. Pancreatology, 2011, 11, 506-515.	0.5	21
96	Criterion for Amino Acid Composition of Defensins and Antimicrobial Peptides Based on Geometry of Membrane Destabilization. Journal of the American Chemical Society, 2011, 133, 6720-6727.	6.6	181
97	PLUNC: a multifunctional surfactant of the airways. Biochemical Society Transactions, 2011, 39, 1012-1016.	1.6	38
98	PLUNC: a multifunctional surfactant of the airways. Biochemical Society Transactions, 2011, 39, 1549-1549.	1.6	1
99	Current prospects for RNA interference-based therapies. Nature Reviews Genetics, 2011, 12, 329-340.	7.7	674
100	Tyrosine kinase receptor Axl enhances entry of Zaire ebolavirus without direct interactions with the viral glycoprotein. Virology, 2011, 415, 83-94.	1.1	105
101	Concentration of the antibacterial precursor thiocyanate in cystic fibrosis airway secretions. Free Radical Biology and Medicine, 2011, 50, 1144-1150.	1.3	64
102	Enhancement of Respiratory Mucosal Antiviral Defenses by the Oxidation of Iodide. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 874-881.	1.4	71
103	Altering Î±-dystroglycan receptor affinity of LCMV pseudotyped lentivirus yields unique cell and tissue tropism. Genetic Vaccines and Therapy, 2011, 9, 8.	1.5	17
104	T-cell immunoglobulin and mucin domain 1 (TIM-1) is a receptor for Zaire Ebolavirus and Lake Victoria Marburgvirus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8426-8431.	3.3	330
105	The Î” F508 Mutation Causes CFTR Misprocessing and Cystic Fibrosisâ€“Like Disease in Pigs. Science Translational Medicine, 2011, 3, 74ra24.	5.8	178
106	A MicroRNA-regulated and GP64-pseudotyped Lentiviral Vector Mediates Stable Expression of FVIII in a Murine Model of Hemophilia A. Molecular Therapy, 2011, 19, 723-730.	3.7	72
107	Genetic therapies for cystic fibrosis lung disease. Human Molecular Genetics, 2011, 20, R79-R86.	1.4	25
108	The air-liquid interface and use of primary cell cultures are important to recapitulate the transcriptional profile of in vivo airway epithelia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L25-L31.	1.3	297

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109	Microarray mRNA Expression Profiling to Study Cystic Fibrosis. Methods in Molecular Biology, 2011, 742, 193-212.	0.4	11
110	The use of carboxymethylcellulose gel to increase non-viral gene transfer in mouse airways. Biomaterials, 2010, 31, 2665-2672.	5.7	27
111	Broad-Spectrum In Vitro Activity and In Vivo Efficacy of the Antiviral Protein Griffithsin against Emerging Viruses of the Family Coronaviridae. Journal of Virology, 2010, 84, 2511-2521.	1.5	266
112	Broad-Spectrum In Vitro Activity and In Vivo Efficacy of the Antiviral Protein Griffithsin against Emerging Viruses of the Family Coronaviridae. Journal of Virology, 2010, 84, 5456-5456.	1.5	5
113	Cystic Fibrosis Pigs Develop Lung Disease and Exhibit Defective Bacterial Eradication at Birth. Science Translational Medicine, 2010, 2, 29ra31.	5.8	416
114	Pigs and humans with cystic fibrosis have reduced insulin-like growth factor 1 (IGF1) levels at birth. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20571-20575.	3.3	101
115	Loss of Cystic Fibrosis Transmembrane Conductance Regulator Function Produces Abnormalities in Tracheal Development in Neonatal Pigs and Young Children. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1251-1261.	2.5	185
116	PLUNC Is a Novel Airway Surfactant Protein with Anti-Biofilm Activity. PLoS ONE, 2010, 5, e9098.	1.1	103
117	Rho GTPases Modulate Entry of Ebola Virus and Vesicular Stomatitis Virus Pseudotyped Vectors. Journal of Virology, 2009, 83, 10176-10186.	1.5	79
118	Differential Gene Expression in Human Conducting Airway Surface Epithelia and Submucosal Glands. American Journal of Respiratory Cell and Molecular Biology, 2009, 40, 189-199.	1.4	29
119	Ectodomain shedding of angiotensin converting enzyme 2 in human airway epithelia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L84-L96.	1.3	281
120	Rhesus Theta-Defensin Prevents Death in a Mouse Model of Severe Acute Respiratory Syndrome Coronavirus Pulmonary Disease. Journal of Virology, 2009, 83, 11385-11390.	1.5	107
121	Differential effects of cytokines and corticosteroids on Toll-like receptor 2 expression and activity in human airway epithelia. Respiratory Research, 2009, 10, 96.	1.4	30
122	Ontogeny of mRNA expression of pulmonary innate immune factors. FASEB Journal, 2009, 23, 572.2.	0.2	0
123	In vivo imaging of gene transfer to the respiratory tract. Biomaterials, 2008, 29, 1533-1540.	5.7	13
124	Cytokine-mediated regulation of antimicrobial proteins. Nature Reviews Immunology, 2008, 8, 829-835.	10.6	301
125	Rapid â€œOpen-Sourceâ€•Engineering of Customized Zinc-Finger Nucleases for Highly Efficient Gene Modification. Molecular Cell, 2008, 31, 294-301.	4.5	660
126	Disruption of the CFTR Gene Produces a Model of Cystic Fibrosis in Newborn Pigs. Science, 2008, 321, 1837-1841.	6.0	686

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127	Lentivirus Vector Can Be Readministered to Nasal Epithelia without Blocking Immune Responses. Journal of Virology, 2008, 82, 10684-10692.	1.5	86
128	The porcine lung as a potential model for cystic fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L240-L263.	1.3	206
129	PLUNC is a secreted product of neutrophil granules. Journal of Leukocyte Biology, 2008, 83, 1201-1206.	1.5	36
130	JunD Protects the Liver from Ischemia/Reperfusion Injury by Dampening AP-1 Transcriptional Activation. Journal of Biological Chemistry, 2008, 283, 6687-6695.	1.6	29
131	Basolateral Entry and Release of New and Old World Arenaviruses from Human Airway Epithelia. Journal of Virology, 2008, 82, 6034-6038.	1.5	37
132	MD-2â€“Dependent Pulmonary Immune Responses to Inhaled Lipooligosaccharides. American Journal of Respiratory Cell and Molecular Biology, 2008, 38, 647-654.	1.4	42
133	Measles virus blind to its epithelial cell receptor remains virulent in rhesus monkeys but cannot cross the airway epithelium and is not shed. Journal of Clinical Investigation, 2008, 118, 2448-58.	3.9	200
134	Ebola Virus Glycoprotein 1: Identification of Residues Important for Binding and Postbinding Events. Journal of Virology, 2007, 81, 7702-7709.	1.5	81
135	A Novel Host Defense System of Airways Is Defective in Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 174-183.	2.5	260
136	Lethal Infection of K18- hACE2 Mice Infected with Severe Acute Respiratory Syndrome Coronavirus. Journal of Virology, 2007, 81, 813-821.	1.5	904
137	Enhanced Gene Expression Conferred by Stepwise Modification of a Nonprimate Lentiviral Vector. Human Gene Therapy, 2007, 18, 1244-1252.	1.4	27
138	Viral Vectorâ€“mediated and Cell-based Therapies for Treatment of Cystic Fibrosis. Molecular Therapy, 2007, 15, 229-241.	3.7	67
139	Haemophilus influenzaeForms Biofilms on Airway Epithelia. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 213-220.	2.5	193
140	Integration Site Choice of a Feline Immunodeficiency Virus Vector. Journal of Virology, 2006, 80, 8820-8823.	1.5	49
141	Characterization of Monoclonal Antibodies to Human Soluble MD-2 Protein. Hybridoma, 2006, 25, 349-357.	0.5	16
142	Infection of Human Airway Epithelia by Sars Coronavirus is Associated with ACE2 Expression and Localization. Advances in Experimental Medicine and Biology, 2006, 581, 479-484.	0.8	27
143	Persistent expression of factor VIII in vivo following nonprimate lentiviral gene transfer. Blood, 2005, 106, 1552-1558.	0.6	72
144	Pathogenesis of Early Lung Disease in Cystic Fibrosis: A Window of Opportunity To Eradicate Bacteria. Annals of Internal Medicine, 2005, 143, 816.	2.0	48

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145	CFTR Î”F508 mutation has minimal effect on the gene expression profile of differentiated human airway epithelia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L545-L553.	1.3	37
146	ACE2 Receptor Expression and Severe Acute Respiratory Syndrome Coronavirus Infection Depend on Differentiation of Human Airway Epithelia. Journal of Virology, 2005, 79, 14614-14621.	1.5	782
147	Viscoelastic Gel Formulations Enhance Airway Epithelial Gene Transfer with Viral Vectors. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 404-410.	1.4	47
148	Inclusion of jaagsiekte sheep retrovirus proviral elements markedly increases lentivirus vector pseudotyping efficiency. Molecular Therapy, 2005, 11, 460-469.	3.7	12
149	Expression and Activity of Î²-Defensins and LL-37 in the Developing Human Lung. Journal of Immunology, 2005, 174, 1608-1615.	0.4	105
150	Persistent Gene Expression in Mouse Nasal Epithelia following Feline Immunodeficiency Virus-Based Vector Gene Transfer. Journal of Virology, 2005, 79, 12818-12827.	1.5	98
151	Gene Transfer to Respiratory Epithelia with Lentivirus Pseudotyped with Jaagsiekte Sheep Retrovirus Envelope Glycoprotein. Human Gene Therapy, 2005, 16, 479-488.	1.4	36
152	Practical reconstruction method for bioluminescence tomography. Optics Express, 2005, 13, 6756.	1.7	299
153	Correlation between Î²-defensin expression and induction profiles in gingival keratinocytes. Molecular Immunology, 2005, 42, 1073-1084.	1.0	120
154	Sepsis and Innate Immunity. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 144-145.	2.5	5
155	Human Î²-Defensins 2 and 3 Demonstrate Strain-Selective Activity against Oral Microorganisms. Journal of Clinical Microbiology, 2004, 42, 1024-1029.	1.8	264
156	Endotoxin responsiveness of human airway epithelia is limited by low expression of MD-2. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L428-L437.	1.3	138
157	Expression of beta-defensins in gingival health and in periodontal disease. Journal of Oral Pathology and Medicine, 2004, 33, 278-285.	1.4	89
158	Reduction in the bactericidal activity of selected cathelicidin peptides by bovine calf serum or exogenous endotoxin. International Journal of Antimicrobial Agents, 2004, 23, 606-606.	1.1	0
159	Reduction in the bactericidal activity of selected cathelicidin peptides by bovine calf serum or exogenous endotoxin. International Journal of Antimicrobial Agents, 2004, 23, 606-612.	1.1	15
160	Developmental expression and distribution of sheep Î²-defensin-2. Developmental and Comparative Immunology, 2004, 28, 171-178.	1.0	31
161	Large-scale gene discovery in human airway epithelia reveals novel transcripts. Physiological Genomics, 2004, 17, 69-77.	1.0	23
162	Antimicrobial peptides in animals and their role in host defences. International Journal of Antimicrobial Agents, 2003, 22, 465-478.	1.1	389

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163	Lentivirus Vectors Pseudotyped with Filoviral Envelope Glycoproteins Transduce Airway Epithelia from the Apical Surface Independently of Folate Receptor Alpha. Journal of Virology, 2003, 77, 5902-5910.	1.5	121
164	Novispirin G10-Induced Lung Toxicity in a Klebsiella pneumoniae Infection Model. Antimicrobial Agents and Chemotherapy, 2003, 47, 3901-3906.	1.4	16
165	Inactivation of Human Î²-Defensins 2 and 3 by Elastolytic Cathepsins. Journal of Immunology, 2003, 171, 931-937.	0.4	195
166	Cells of Respiratory Epithelium. , 2003, 229, 287-298.		0
167	CCL20 Is an Inducible Product of Human Airway Epithelia with Innate Immune Properties. American Journal of Respiratory Cell and Molecular Biology, 2003, 29, 627-633.	1.4	113
168	Discovery of five conserved Â-defensin gene clusters using a computational search strategy. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2129-2133.	3.3	464
169	Susceptibility of Nontypeable Haemophilus influenzae to Human Î²-Defensins Is Influenced by Lipooligosaccharide Acylation. Infection and Immunity, 2002, 70, 5287-5289.	1.0	69
170	The Solution Structures of the Human Î²-Defensins Lead to a Better Understanding of the Potent Bactericidal Activity of HBD3 against Staphylococcus aureus. Journal of Biological Chemistry, 2002, 277, 8279-8289.	1.6	320
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