

John F Engelhardt

List of Publications by Year in descending order

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289
papers

25,712
citations

4641

85
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8138

148
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295
all docs

295
docs citations

295
times ranked

19869
citing authors

#	ARTICLE	IF	CITATIONS
1	Lack of CFTR alters the ferret pancreatic ductal epithelial secretome and cellular proteome: Implications for exocrine/endocrine signaling. <i>Journal of Cystic Fibrosis</i> , 2022, 21, 172-180.	0.3	6
2	AAV-mediated gene editing lights up the lung. <i>Molecular Therapy</i> , 2022, 30, 7-9.	3.7	2
3	Ferret models of alpha-1 antitrypsin deficiency develop lung and liver disease. <i>JCI Insight</i> , 2022, 7, .	2.3	8
4	Human distal lung maps and lineage hierarchies reveal a bipotent progenitor. <i>Nature</i> , 2022, 604, 111-119.	13.7	137
5	Human distal airways contain a multipotent secretory cell that can regenerate alveoli. <i>Nature</i> , 2022, 604, 120-126.	13.7	128
6	A Novel Bioreactor for Reconstitution of the Epithelium and Submucosal Glands in Decellularized Ferret Tracheas. <i>Cells</i> , 2022, 11, 1027.	1.8	5
7	Ferret Lung Transplantation Models Differential Lymphoid Aggregate Morphology Between Restrictive and Obstructive Forms of Chronic Lung Allograft Dysfunction. <i>Transplantation</i> , 2022, 106, 1974-1989.	0.5	6
8	Recombinant Adeno-Associated Virus-Mediated Editing of the G551D Cystic Fibrosis Transmembrane Conductance Regulator Mutation in Ferret Airway Basal Cells. <i>Human Gene Therapy</i> , 2022, 33, 1023-1036.	1.4	8
9	Oxidative stress and impaired insulin secretion in cystic fibrosis pig pancreas. <i>Advances in Redox Research</i> , 2022, 5, 100040.	0.9	4
10	Animal Models and Their Role in Understanding the Pathophysiology of Cystic Fibrosisâ€™Associated Gastrointestinal Lesions. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2021, 16, 51-67.	9.6	5
11	Gene Therapy for Cystic Fibrosis: Lessons Learned and Paths Forward. <i>Molecular Therapy</i> , 2021, 29, 428-430.	3.7	5
12	Ferret respiratory disease models for the study of lung stem cells. , 2021, , 273-289.		3
13	Acute pancreatitis-induced islet dysfunction in ferrets. <i>Pancreatology</i> , 2021, 21, 839-847.	0.5	1
14	Combined agonists act synergistically to increase mucociliary clearance in a cystic fibrosis airway model. <i>Scientific Reports</i> , 2021, 11, 18828.	1.6	1
15	Hairpin Transfer-Independent Parvovirus DNA Replication Produces Infectious Virus. <i>Journal of Virology</i> , 2021, 95, e0110821.	1.5	3
16	LEF-1 Controls Cell Cycle Progression in Airway Basal Cells to Regulate Proliferation and Differentiation. <i>Stem Cells</i> , 2021, 39, 1221-1235.	1.4	6
17	Cellular Cleavage and Polyadenylation Specificity Factor 6 (CPSF6) Mediates Nuclear Import of Human Bocavirus 1 NP1 Protein and Modulates Viral Capsid Protein Expression. <i>Journal of Virology</i> , 2020, 94, .	1.5	16
18	In Situ Analysis Reveals That CFTR Is Expressed in Only a Small Minority of Î²-Cells in Normal Adult Human Pancreas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1366-1374.	1.8	26

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19	Detargeting Lentiviral-Mediated CFTR Expression in Airway Basal Cells Using miR-106b. <i>Genes</i> , 2020, 11, 1169.	1.0	4
20	Repeat Dosing of AAV2.5T to Ferret Lungs Elicits an Antibody Response That Diminishes Transduction in an Age-Dependent Manner. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 19, 186-200.	1.8	11
21	A Tribute to Barrie J. Carter. <i>Human Gene Therapy</i> , 2020, 31, 491-493.	1.4	1
22	Viral Vectors, Animal Models, and Cellular Targets for Gene Therapy of Cystic Fibrosis Lung Disease. <i>Human Gene Therapy</i> , 2020, 31, 524-537.	1.4	21
23	Derivation of induced pluripotent stem cells from ferret somatic cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L671-L683.	1.3	13
24	Advances in gene therapy for cystic fibrosis lung disease. <i>Human Molecular Genetics</i> , 2019, 28, R88-R94.	1.4	72
25	A Comprehensive RNA-seq Analysis of Human Bocavirus 1 Transcripts in Infected Human Airway Epithelium. <i>Viruses</i> , 2019, 11, 33.	1.5	5
26	In utero and postnatal VX-770 administration rescues multiorgan disease in a ferret model of cystic fibrosis. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	112
27	Highly Efficient Transgenesis in Ferrets Using CRISPR/Cas9-Mediated Homology-Independent Insertion at the ROSA26 Locus. <i>Scientific Reports</i> , 2019, 9, 1971.	1.6	28
28	Incretin dysfunction and hyperglycemia in cystic fibrosis: Role of acyl-ghrelin. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 557-565.	0.3	2
29	PyMINEr Finds Gene and Autocrine-Paracrine Networks from Human Islet scRNA-Seq. <i>Cell Reports</i> , 2019, 26, 1951-1964.e8.	2.9	61
30	Establishment of a High-Yield Recombinant Adeno-Associated Virus/Human Bocavirus Vector Production System Independent of Bocavirus Nonstructural Proteins. <i>Human Gene Therapy</i> , 2019, 30, 556-570.	1.4	14
31	Isolation of Redox-Active Endosomes (Redoxosomes) and Assessment of NOX Activity. <i>Methods in Molecular Biology</i> , 2019, 1982, 461-472.	0.4	3
32	A glycopolymer improves vascoelasticity and mucociliary transport of abnormal cystic fibrosis mucus. <i>JCI Insight</i> , 2019, 4, .	2.3	35
33	Survival in a bad neighborhood: pancreatic islets in cystic fibrosis. <i>Journal of Endocrinology</i> , 2019, 241, R35-R50.	1.2	33
34	Aspm knockout ferret reveals an evolutionary mechanism governing cerebral cortical size. <i>Nature</i> , 2018, 556, 370-375.	18.7	127
35	Submucosal Gland Myoepithelial Cells Are Reserve Stem Cells That Can Regenerate Mouse Tracheal Epithelium. <i>Cell Stem Cell</i> , 2018, 22, 653-667.e5.	5.2	94
36	Pancreatic and Islet Remodeling in Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Knockout Ferrets. <i>American Journal of Pathology</i> , 2018, 188, 876-890.	1.9	20

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37	Infection Is Not Required for Mucoinflammatory Lung Disease in CFTR-Knockout Ferrets. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1308-1318.	2.5	108
38	Animal and model systems for studying cystic fibrosis. Journal of Cystic Fibrosis, 2018, 17, S28-S34.	0.3	70
39	Depletion of Airway Submucosal Glands and TP63 ⁺ KRT5 ⁺ Basal Cells in Obliterative Bronchiolitis. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1045-1057.	2.5	47
40	Development of a Novel Recombinant Adeno-Associated Virus Production System Using Human Bocavirus 1 Helper Genes. Molecular Therapy - Methods and Clinical Development, 2018, 11, 40-51.	1.8	21
41	Generation of Alpha-1 Antitrypsin Knockout and PI*ZZ Ferrets Using Crispr/Cas9. A Genetic Model of Emphysema. Annals of the American Thoracic Society, 2018, 15, S292-S293.	1.5	2
42	Validation of a radioimmunoassay of serum trypsin-like immunoreactivity in ferrets. Journal of Veterinary Diagnostic Investigation, 2018, 30, 517-522.	0.5	3
43	A revised airway epithelial hierarchy includes CFTR-expressing ionocytes. Nature, 2018, 560, 319-324.	13.7	878
44	Development of a polarized pancreatic ductular cell epithelium for physiological studies. Journal of Applied Physiology, 2018, 125, 97-106.	1.2	10
45	Stem Cell Biology of Airway Submucosal Glands during Development and Disease. FASEB Journal, 2018, 32, .	0.2	0
46	Parvovirus Expresses a Small Noncoding RNA That Plays an Essential Role in Virus Replication. Journal of Virology, 2017, 91, .	1.5	19
47	Multipotent Myoepithelial Progenitor Cells Are Born Early during Airway Submucosal Gland Development. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 716-726.	1.4	27
48	Human Bocavirus Type-1 Capsid Facilitates the Transduction of Ferret Airways by Adeno-Associated Virus Genomes. Human Gene Therapy, 2017, 28, 612-625.	1.4	34
49	Human Parvovirus Infection of Human Airway Epithelia Induces Pyroptotic Cell Death by Inhibiting Apoptosis. Journal of Virology, 2017, 91, .	1.5	33
50	A Preclinical Study in Rhesus Macaques for Cystic Fibrosis to Assess Gene Transfer and Transduction by AAV1 and AAV5 with a Dual-Luciferase Reporter System. Human Gene Therapy Clinical Development, 2017, 28, 145-156.	3.2	16
51	CFTR Influences Beta Cell Function and Insulin Secretion Through Non-Cell Autonomous Exocrine-Derived Factors. Endocrinology, 2017, 158, 3325-3338.	1.4	59
52	Real-Time Monitoring of Insulin Using a Graphene Field-Effect Transistor Aptameric Nanosensor. ACS Applied Materials & Interfaces, 2017, 9, 27504-27511.	4.0	102
53	Adeno-associated Virus (AAV) Serotypes Have Distinctive Interactions with Domains of the Cellular AAV Receptor. Journal of Virology, 2017, 91, .	1.5	119
54	Human Bocavirus 1 Is a Novel Helper for Adeno-associated Virus Replication. Journal of Virology, 2017, 91, .	1.5	29

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55	A Heterotopic Xenograft Model of Human Airways for Investigating Fibrosis in Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 291-299.	1.4	3
56	DNA Damage Signaling Is Required for Replication of Human Bocavirus 1 DNA in Dividing HEK293 Cells. <i>Journal of Virology</i> , 2017, 91, .	1.5	30
57	CFTR gene transfer with AAV improves early cystic fibrosis pig phenotypes. <i>JCI Insight</i> , 2016, 1, e88728.	2.3	72
58	Wnt Signaling Regulates Airway Epithelial Stem Cells in Adult Murine Submucosal Glands. <i>Stem Cells</i> , 2016, 34, 2758-2771.	1.4	37
59	A Transient Metabolic Recovery from Early Life Glucose Intolerance in Cystic Fibrosis Ferrets Occurs During Pancreatic Remodeling. <i>Endocrinology</i> , 2016, 157, 1852-1865.	1.4	37
60	<i>Sox2</i> and <i>Lef-1</i> interact with <i>Pitx2</i> to regulate incisor development and stem cell renewal. <i>Development (Cambridge)</i> , 2016, 143, 4115-4126.	1.2	58
61	NADPH Oxidases Are Essential for Macrophage Differentiation. <i>Journal of Biological Chemistry</i> , 2016, 291, 20030-20041.	1.6	135
62	Pancreatic pathophysiology in cystic fibrosis. <i>Journal of Pathology</i> , 2016, 238, 311-320.	2.1	96
63	Abnormal Glucose Tolerance in Infants and Young Children with Cystic Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 974-980.	2.5	77
64	Dual SMAD Signaling Inhibition Enables Long-Term Expansion of Diverse Epithelial Basal Cells. <i>Cell Stem Cell</i> , 2016, 19, 217-231.	5.2	313
65	Analysis of <i>cis</i> and <i>trans</i> Requirements for DNA Replication at the Right-End Hairpin of the Human Bocavirus 1 Genome. <i>Journal of Virology</i> , 2016, 90, 7761-7777.	1.5	32
66	Nonstructural Protein NP1 of Human Bocavirus 1 Plays a Critical Role in the Expression of Viral Capsid Proteins. <i>Journal of Virology</i> , 2016, 90, 4658-4669.	1.5	50
67	Definitive localization of intracellular proteins: Novel approach using CRISPR-Cas9 genome editing, with glucose 6-phosphate dehydrogenase as a model. <i>Analytical Biochemistry</i> , 2016, 494, 55-67.	1.1	7
68	Glandular Proteome Identifies Antiprotease Cystatin C as a Critical Modulator of Airway Hydration and Clearance. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 469-481.	1.4	13
69	Replication of an Autonomous Human Parvovirus in Non-dividing Human Airway Epithelium Is Facilitated through the DNA Damage and Repair Pathways. <i>PLoS Pathogens</i> , 2016, 12, e1005399.	2.1	54
70	680. Optimization of rAAV-Mediated Expression for Large Transgenes Using a Synthetic Promoter and Tandem Array Enhancers. <i>Molecular Therapy</i> , 2015, 23, S270-S271.	3.7	0
71	Proteomic Analysis of Pure Human Airway Gland Mucus Reveals a Large Component of Protective Proteins. <i>PLoS ONE</i> , 2015, 10, e0116756.	1.1	41
72	Optimization of Recombinant Adeno-Associated Virus-Mediated Expression for Large Transgenes, Using a Synthetic Promoter and Tandem Array Enhancers. <i>Human Gene Therapy</i> , 2015, 26, 334-346.	1.4	49

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73	A Road Map for 21st Century Genetic Restoration: Gene Pool Enrichment of the Black-Footed Ferret. <i>Journal of Heredity</i> , 2015, 106, 581-592.	1.0	39
74	Identification and Functional Analysis of Novel Nonstructural Proteins of Human Bocavirus 1. <i>Journal of Virology</i> , 2015, 89, 10097-10109.	1.5	46
75	Ferret and Pig Models of Cystic Fibrosis: Prospects and Promise for Gene Therapy. <i>Human Gene Therapy Clinical Development</i> , 2015, 26, 38-49.	3.2	57
76	Glycaemic regulation and insulin secretion are abnormal in cystic fibrosis pigs despite sparing of islet cell mass. <i>Clinical Science</i> , 2015, 128, 131-142.	1.8	64
77	Defective Innate Immunity and Hyperinflammation in Newborn Cystic Fibrosis Transmembrane Conductance Regulator Knockout Ferret Lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 683-694.	1.4	94
78	Quantifying Insulin Sensitivity and Entero-Insular Responsiveness to Hyper- and Hypoglycemia in Ferrets. <i>PLoS ONE</i> , 2014, 9, e90519.	1.1	5
79	Ferret and Pig Models of Cystic Fibrosis: Prospects and Promise for Gene Therapy. <i>Human Gene Therapy Clinical Development</i> , 2014, , 150127063140004.	3.2	0
80	Lung Phenotype of Juvenile and Adult Cystic Fibrosis Transmembrane Conductance Regulator Knockout Ferrets. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 502-512.	1.4	103
81	The draft genome sequence of the ferret (<i>Mustela putorius furo</i>) facilitates study of human respiratory disease. <i>Nature Biotechnology</i> , 2014, 32, 1250-1255.	9.4	110
82	Progenitor Cells in Proximal Airway Epithelial Development and Regeneration. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1637-1645.	1.2	37
83	Sox2 modulates Lef-1 expression during airway submucosal gland development. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L645-L660.	1.3	22
84	Gastrointestinal Pathology in Juvenile and Adult CFTR-Knockout Ferrets. <i>American Journal of Pathology</i> , 2014, 184, 1309-1322.	1.9	63
85	The Basic Biology of Redoxosomes in Cytokine-Mediated Signal Transduction and Implications for Disease-Specific Therapies. <i>Biochemistry</i> , 2014, 53, 1551-1564.	1.2	81
86	A Novel Chimeric Adenoassociated Virus 2/Human Bocavirus 1 Parvovirus Vector Efficiently Transduces Human Airway Epithelia. <i>Molecular Therapy</i> , 2013, 21, 2181-2194.	3.7	62
87	Ferret Lung Transplant: An Orthotopic Model of Obliterative Bronchiolitis. <i>American Journal of Transplantation</i> , 2013, 13, 467-473.	2.6	28
88	Bioelectric Characterization of Epithelia from Neonatal CFTR Knockout Ferrets. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 837-844.	1.4	28
89	Hepatocytes produce TNF- α following hypoxia-reoxygenation and liver ischemia-reperfusion in a NADPH oxidase- and c-Src-dependent manner. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G84-G94.	1.6	40
90	Postentry Processing of Recombinant Adeno-Associated Virus Type 1 and Transduction of the Ferret Lung Are Altered by a Factor in Airway Secretions. <i>Human Gene Therapy</i> , 2013, 24, 786-796.	1.4	12

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91	<i>In Vitro</i> Modeling of Human Bocavirus 1 Infection of Polarized Primary Human Airway Epithelia. <i>Journal of Virology</i> , 2013, 87, 4097-4102.	1.5	53
92	Distinct transduction difference between adeno-associated virus type 1 and type 6 vectors in human polarized airway epithelia. <i>Gene Therapy</i> , 2013, 20, 328-337.	2.3	28
93	Gene Delivery to the Airway. <i>Current Protocols in Human Genetics</i> , 2013, 78, Unit 13.9.	3.5	7
94	Redox-Dependent Hepatocyte TNF α Secretion Following Reoxygenation Injury. <i>FASEB Journal</i> , 2013, 27, 682.12.	0.2	0
95	Establishment of a Reverse Genetics System for Studying Human Bocavirus in Human Airway Epithelia. <i>PLoS Pathogens</i> , 2012, 8, e1002899.	2.1	137
96	A Mutation in the <i>Srrm4</i> Gene Causes Alternative Splicing Defects and Deafness in the Bronx Waltzer Mouse. <i>PLoS Genetics</i> , 2012, 8, e1002966.	1.5	77
97	Comparative Processing and Function of Human and Ferret Cystic Fibrosis Transmembrane Conductance Regulator. <i>Journal of Biological Chemistry</i> , 2012, 287, 21673-21685.	1.6	29
98	Directing Integrin-linked Endocytosis of Recombinant AAV Enhances Productive FAK-dependent Transduction. <i>Molecular Therapy</i> , 2012, 20, 972-983.	3.7	16
99	Future Directions in Early Cystic Fibrosis Lung Disease Research. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 887-892.	2.5	68
100	Abnormal endocrine pancreas function at birth in cystic fibrosis ferrets. <i>Journal of Clinical Investigation</i> , 2012, 122, 3755-3768.	3.9	115
101	The Role of LEF1 in Endometrial Gland Formation and Carcinogenesis. <i>PLoS ONE</i> , 2012, 7, e40312.	1.1	36
102	CGRP induction in cystic fibrosis airways alters the submucosal gland progenitor cell niche in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3144-3158.	3.9	40
103	Immunohistochemical demonstration of airway epithelial cell markers of Guinea pig. <i>Tissue and Cell</i> , 2011, 43, 283-290.	1.0	7
104	Selective suppression of cervical cancer HeLa cells by 2-O- β -d-glucopyranosyl-l-ascorbic acid isolated from the fruit of <i>Lycium barbarum</i> L.. <i>Cell Biology and Toxicology</i> , 2011, 27, 107-121.	2.4	31
105	Unique Characteristics of AAV1, 2, and 5 Viral Entry, Intracellular Trafficking, and Nuclear Import Define Transduction Efficiency in HeLa Cells. <i>Human Gene Therapy</i> , 2011, 22, 1433-1444.	1.4	31
106	Alsln and SOD1G93A Proteins Regulate Endosomal Reactive Oxygen Species Production by Glial Cells and Proinflammatory Pathways Responsible for Neurotoxicity. <i>Journal of Biological Chemistry</i> , 2011, 286, 40151-40162.	1.6	78
107	Control of Hepatic Nuclear Superoxide Production by Glucose 6-Phosphate Dehydrogenase and NADPH Oxidase-4. <i>Journal of Biological Chemistry</i> , 2011, 286, 8977-8987.	1.6	87
108	Comparative Biology of Cystic Fibrosis Animal Models. <i>Methods in Molecular Biology</i> , 2011, 742, 311-334.	0.4	78

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109	New animal models of cystic fibrosis. <i>Current Opinion in Pulmonary Medicine</i> , 2011, 17, 478-483.	1.2	114
110	Dual Reporter Comparative Indexing of rAAV Pseudotyped Vectors in Chimpanzee Airway. <i>Molecular Therapy</i> , 2010, 18, 594-600.	3.7	49
111	Targeted Injury of Type II Alveolar Epithelial Cells Induces Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 254-263.	2.5	399
112	Sox17 modulates Wnt3A/ β -catenin-mediated transcriptional activation of the Lef-1 promoter. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L694-L710.	1.3	26
113	Disease phenotype of a ferret CFTR-knockout model of cystic fibrosis. <i>Journal of Clinical Investigation</i> , 2010, 120, 3149-3160.	3.9	310
114	Lipid Rafts and Caveolin-1 Coordinate Interleukin-1 β (IL-1 β)-dependent Activation of NF κ B by Controlling Endocytosis of Nox2 and IL-1 β Receptor 1 from the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2009, 284, 33255-33264.	1.6	104
115	Endosomal Nox2 Facilitates Redox-Dependent Induction of NF κ B by TNF α . <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1249-1263.	2.5	102
116	Analysis of Adeno-associated Virus Progenitor Cell Transduction in Mouse Lung. <i>Molecular Therapy</i> , 2009, 17, 285-293.	3.7	37
117	Cloning and identification of microRNAs in bovine alveolar macrophages. <i>Molecular and Cellular Biochemistry</i> , 2009, 332, 9-16.	1.4	19
118	Indexing TNF α gene expression using a gene-targeted reporter cell line. <i>BMC Biology</i> , 2009, 7, 8.	1.7	6
119	Progress and prospects: techniques for site-directed mutagenesis in animal models. <i>Gene Therapy</i> , 2009, 16, 581-588.	2.3	16
120	Chromatin Configurations in the Ferret Germinal Vesicle that Reflect Developmental Competence for <i>In Vitro</i> Maturation. <i>Reproduction in Domestic Animals</i> , 2009, 44, 320-325.	0.6	14
121	Redox Modifier Genes and Pathways in Amyotrophic Lateral Sclerosis. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1569-1586.	2.5	37
122	Signaling Components of Redox Active Endosomes: The Redoxosomes. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1313-1333.	2.5	173
123	Aggressive melanoma cells escape from BMP7-mediated autocrine growth inhibition through coordinated Noggin upregulation. <i>Laboratory Investigation</i> , 2008, 88, 842-855.	1.7	41
124	Efficient Term Development of Vitrified Ferret Embryos Using a Novel Pipette Chamber Technique ¹ . <i>Biology of Reproduction</i> , 2008, 79, 832-840.	1.2	18
125	Airway Epithelial Cells: Current Concepts and Challenges. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 772-777.	3.5	275
126	The porcine lung as a potential model for cystic fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L240-L263.	1.3	206

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127	Evidence for a Superoxide Permeability Pathway in Endosomal Membranes. <i>Molecular and Cellular Biology</i> , 2008, 28, 3700-3712.	1.1	94
128	The Glandular Stem/Progenitor Cell Niche in Airway Development and Repair. <i>Proceedings of the American Thoracic Society</i> , 2008, 5, 682-688.	3.5	71
129	JunD Protects the Liver from Ischemia/Reperfusion Injury by Dampening AP-1 Transcriptional Activation. <i>Journal of Biological Chemistry</i> , 2008, 283, 6687-6695.	1.6	29
130	Longitudinal noninvasive monitoring of transcription factor activation in cardiovascular regulatory nuclei using bioluminescence imaging. <i>Physiological Genomics</i> , 2008, 33, 292-299.	1.0	14
131	Endosomal NADPH oxidase regulates c-Src activation following hypoxia/reoxygenation injury. <i>Biochemical Journal</i> , 2008, 411, 531-541.	1.7	55
132	Mechanisms of Submucosal Gland Morphogenesis in the Airway. <i>Novartis Foundation Symposium</i> , 2008, , 38-50.	1.2	8
133	Production of CFTR-null and CFTR- Δ F508 heterozygous pigs by adeno-associated virus-mediated gene targeting and somatic cell nuclear transfer. <i>Journal of Clinical Investigation</i> , 2008, 118, 1571-1577.	3.9	294
134	SOD1 mutations disrupt redox-sensitive Rac regulation of NADPH oxidase in a familial ALS model. <i>Journal of Clinical Investigation</i> , 2008, 118, 659-70.	3.9	282
135	Adeno-associated virus-targeted disruption of the CFTR gene in cloned ferrets. <i>Journal of Clinical Investigation</i> , 2008, 118, 1578-1583.	3.9	132
136	MKK6 Phosphorylation Regulates Production of Superoxide by Enhancing Rac GTPase Activity. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1803-1814.	2.5	12
137	Bioelectric Properties of Chloride Channels in Human, Pig, Ferret, and Mouse Airway Epithelia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 313-323.	1.4	78
138	Biological Differences in rAAV Transduction of Airway Epithelia in Humans and in Old World Non-human Primates. <i>Molecular Therapy</i> , 2007, 15, 2114-2123.	3.7	33
139	PITX2 and β -Catenin Interactions Regulate Lef-1 Isoform Expression. <i>Molecular and Cellular Biology</i> , 2007, 27, 7560-7573.	1.1	69
140	Inhibition of Rac1-Derived Reactive Oxygen Species in Nucleus Tractus Solitarius Decreases Blood Pressure and Heart Rate in Stroke-Prone Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2007, 50, 62-68.	1.3	71
141	Wnt3a regulates Lef-1 expression during airway submucosal gland morphogenesis. <i>Developmental Biology</i> , 2007, 305, 90-102.	0.9	52
142	Hybrid Adeno-Associated Virus Bearing Nonhomologous Inverted Terminal Repeats Enhances Dual-Vector Reconstruction of Minigenes In Vivo. <i>Human Gene Therapy</i> , 2007, 18, 81-87.	1.4	39
143	SCREEN FOR DOMINANT BEHAVIORAL MUTATIONS CAUSED BY GENOMIC INSERTION OF P-ELEMENT TRANSPOSONS IN DROSOPHILA: AN EXAMINATION OF THE INTEGRATION OF VIRAL VECTOR SEQUENCES. <i>Journal of Neurogenetics</i> , 2007, 21, 31-43.	0.6	0
144	Pleiotropic functions of TNF- α determine distinct IKK β -dependent hepatocellular fates in response to LPS. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G242-G252.	1.6	14

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145	Comparative biology of rAAV transduction in ferret, pig and human airway epithelia. <i>Gene Therapy</i> , 2007, 14, 1543-1548.	2.3	42
146	Redox modifier genes in amyotrophic lateral sclerosis in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 2913-2919.	3.9	131
147	Wnt Signaling Regulates Lymphoid Enhancer Factor (Lef β) Isoform Expression Through Functional Interactions Between PITX2, β -catenin and Lef β . <i>FASEB Journal</i> , 2007, 21, A656.	0.2	0
148	Cloned ferrets produced by somatic cell nuclear transfer. <i>Developmental Biology</i> , 2006, 293, 439-448.	0.9	166
149	Factors affecting the efficiency of embryo transfer in the domestic ferret (<i>Mustela putorius furo</i>). <i>Theriogenology</i> , 2006, 66, 183-190.	0.9	15
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