

John F Engelhardt

List of Publications by Year in descending order

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Version: 2024-02-01

289
papers

25,712
citations

4658

85
h-index

8167

148
g-index

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. | 0.7 | 6 |
| 2 | AAV-mediated gene editing lights up the lung. <i>Molecular Therapy</i> , 2022, 30, 7-9. | 8.2 | 2 |
| 3 | Ferret models of alpha-1 antitrypsin deficiency develop lung and liver disease. <i>JCI Insight</i> , 2022, 7, . | 5.0 | 8 |
| 4 | Human distal lung maps and lineage hierarchies reveal a bipotent progenitor. <i>Nature</i> , 2022, 604, 111-119. | 27.8 | 137 |
| 5 | Human distal airways contain a multipotent secretory cell that can regenerate alveoli. <i>Nature</i> , 2022, 604, 120-126. | 27.8 | 128 |
| 6 | A Novel Bioreactor for Reconstitution of the Epithelium and Submucosal Glands in Decellularized Ferret Tracheas. <i>Cells</i> , 2022, 11, 1027. | 4.1 | 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. | 1.0 | 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. | 2.7 | 8 |
| 9 | Oxidative stress and impaired insulin secretion in cystic fibrosis pig pancreas. <i>Advances in Redox Research</i> , 2022, 5, 100040. | 2.1 | 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. | 22.4 | 5 |
| 11 | Gene Therapy for Cystic Fibrosis: Lessons Learned and Paths Forward. <i>Molecular Therapy</i> , 2021, 29, 428-430. | 8.2 | 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. | 1.1 | 1 |
| 14 | Combined agonists act synergistically to increase mucociliary clearance in a cystic fibrosis airway model. <i>Scientific Reports</i> , 2021, 11, 18828. | 3.3 | 1 |
| 15 | Hairpin Transfer-Independent Parvovirus DNA Replication Produces Infectious Virus. <i>Journal of Virology</i> , 2021, 95, e0110821. | 3.4 | 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. | 3.2 | 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, . | 3.4 | 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. | 3.6 | 26 |

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|----|---|------|-----------|
| 19 | Detargeting Lentiviral-Mediated CFTR Expression in Airway Basal Cells Using miR-106b. <i>Genes</i> , 2020, 11, 1169. | 2.4 | 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. | 4.1 | 11 |
| 21 | A Tribute to Barrie J. Carter. <i>Human Gene Therapy</i> , 2020, 31, 491-493. | 2.7 | 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. | 2.7 | 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. | 2.9 | 13 |
| 24 | Advances in gene therapy for cystic fibrosis lung disease. <i>Human Molecular Genetics</i> , 2019, 28, R88-R94. | 2.9 | 72 |
| 25 | A Comprehensive RNA-seq Analysis of Human Bocavirus 1 Transcripts in Infected Human Airway Epithelium. <i>Viruses</i> , 2019, 11, 33. | 3.3 | 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, . | 12.4 | 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. | 3.3 | 28 |
| 28 | Incretin dysfunction and hyperglycemia in cystic fibrosis: Role of acyl-ghrelin. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 557-565. | 0.7 | 2 |
| 29 | PyMINER Finds Gene and Autocrine-Paracrine Networks from Human Islet scRNA-Seq. <i>Cell Reports</i> , 2019, 26, 1951-1964.e8. | 6.4 | 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. | 2.7 | 14 |
| 31 | Isolation of Redox-Active Endosomes (Redoxosomes) and Assessment of NOX Activity. <i>Methods in Molecular Biology</i> , 2019, 1982, 461-472. | 0.9 | 3 |
| 32 | A glycopolymer improves vascoelasticity and mucociliary transport of abnormal cystic fibrosis mucus. <i>JCI Insight</i> , 2019, 4, . | 5.0 | 35 |
| 33 | Survival in a bad neighborhood: pancreatic islets in cystic fibrosis. <i>Journal of Endocrinology</i> , 2019, 241, R35-R50. | 2.6 | 33 |
| 34 | Aspm knockout ferret reveals an evolutionary mechanism governing cerebral cortical size. <i>Nature</i> , 2018, 556, 370-375. | 27.8 | 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. | 11.1 | 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. | 3.8 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 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. | 5.6 | 108 |
| 38 | Animal and model systems for studying cystic fibrosis. Journal of Cystic Fibrosis, 2018, 17, S28-S34. | 0.7 | 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. | 5.6 | 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. | 4.1 | 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. | 3.2 | 2 |
| 42 | Validation of a radioimmunoassay of serum trypsin-like immunoreactivity in ferrets. Journal of Veterinary Diagnostic Investigation, 2018, 30, 517-522. | 1.1 | 3 |
| 43 | A revised airway epithelial hierarchy includes CFTR-expressing ionocytes. Nature, 2018, 560, 319-324. | 27.8 | 878 |
| 44 | Development of a polarized pancreatic ductular cell epithelium for physiological studies. Journal of Applied Physiology, 2018, 125, 97-106. | 2.5 | 10 |
| 45 | Stem Cell Biology of Airway Submucosal Glands during Development and Disease. FASEB Journal, 2018, 32, . | 0.5 | 0 |
| 46 | Parvovirus Expresses a Small Noncoding RNA That Plays an Essential Role in Virus Replication. Journal of Virology, 2017, 91, . | 3.4 | 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. | 2.9 | 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. | 2.7 | 34 |
| 49 | Human Parvovirus Infection of Human Airway Epithelia Induces Pyroptotic Cell Death by Inhibiting Apoptosis. Journal of Virology, 2017, 91, . | 3.4 | 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. | 3.1 | 16 |
| 51 | CFTR Influences Beta Cell Function and Insulin Secretion Through Non-Cell Autonomous Exocrine-Derived Factors. Endocrinology, 2017, 158, 3325-3338. | 2.8 | 59 |
| 52 | Real-Time Monitoring of Insulin Using a Graphene Field-Effect Transistor Aptameric Nanosensor. ACS Applied Materials & Interfaces, 2017, 9, 27504-27511. | 8.0 | 102 |
| 53 | Adeno-associated Virus (AAV) Serotypes Have Distinctive Interactions with Domains of the Cellular AAV Receptor. Journal of Virology, 2017, 91, . | 3.4 | 119 |
| 54 | Human Bocavirus 1 Is a Novel Helper for Adeno-associated Virus Replication. Journal of Virology, 2017, 91, . | 3.4 | 29 |

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|----|---|------|-----------|
| 55 | A Heterotopic Xenograft Model of Human Airways for Investigating Fibrosis in Asthma. American Journal of Respiratory Cell and Molecular Biology, 2017, 56, 291-299. | 2.9 | 3 |
| 56 | DNA Damage Signaling Is Required for Replication of Human Bocavirus 1 DNA in Dividing HEK293 Cells. Journal of Virology, 2017, 91, . | 3.4 | 30 |
| 57 | CFTR gene transfer with AAV improves early cystic fibrosis pig phenotypes. JCI Insight, 2016, 1, e88728. | 5.0 | 72 |
| 58 | Wnt Signaling Regulates Airway Epithelial Stem Cells in Adult Murine Submucosal Glands. Stem Cells, 2016, 34, 2758-2771. | 3.2 | 37 |
| 59 | A Transient Metabolic Recovery from Early Life Glucose Intolerance in Cystic Fibrosis Ferrets Occurs During Pancreatic Remodeling. Endocrinology, 2016, 157, 1852-1865. | 2.8 | 37 |
| 60 | <i>Sox2</i> and <i>Lef-1</i> interact with <i>Pitx2</i> to regulate incisor development and stem cell renewal. Development (Cambridge), 2016, 143, 4115-4126. | 2.5 | 58 |
| 61 | NADPH Oxidases Are Essential for Macrophage Differentiation. Journal of Biological Chemistry, 2016, 291, 20030-20041. | 3.4 | 135 |
| 62 | Pancreatic pathophysiology in cystic fibrosis. Journal of Pathology, 2016, 238, 311-320. | 4.5 | 96 |
| 63 | Abnormal Glucose Tolerance in Infants and Young Children with Cystic Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 974-980. | 5.6 | 77 |
| 64 | Dual SMAD Signaling Inhibition Enables Long-Term Expansion of Diverse Epithelial Basal Cells. Cell Stem Cell, 2016, 19, 217-231. | 11.1 | 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. Journal of Virology, 2016, 90, 7761-7777. | 3.4 | 32 |
| 66 | Nonstructural Protein NP1 of Human Bocavirus 1 Plays a Critical Role in the Expression of Viral Capsid Proteins. Journal of Virology, 2016, 90, 4658-4669. | 3.4 | 50 |
| 67 | Definitive localization of intracellular proteins: Novel approach using CRISPR-Cas9 genome editing, with glucose 6-phosphate dehydrogenase as a model. Analytical Biochemistry, 2016, 494, 55-67. | 2.4 | 7 |
| 68 | Glandular Proteome Identifies Antiprotease Cystatin C as a Critical Modulator of Airway Hydration and Clearance. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 469-481. | 2.9 | 13 |
| 69 | Replication of an Autonomous Human Parvovirus in Non-dividing Human Airway Epithelium Is Facilitated through the DNA Damage and Repair Pathways. PLoS Pathogens, 2016, 12, e1005399. | 4.7 | 54 |
| 70 | 680. Optimization of rAAV-Mediated Expression for Large Transgenes Using a Synthetic Promoter and Tandem Array Enhancers. Molecular Therapy, 2015, 23, S270-S271. | 8.2 | 0 |
| 71 | Proteomic Analysis of Pure Human Airway Gland Mucus Reveals a Large Component of Protective Proteins. PLoS ONE, 2015, 10, e0116756. | 2.5 | 41 |
| 72 | Optimization of Recombinant Adeno-Associated Virus-Mediated Expression for Large Transgenes, Using a Synthetic Promoter and Tandem Array Enhancers. Human Gene Therapy, 2015, 26, 334-346. | 2.7 | 49 |

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|----|---|------|-----------|
| 73 | A Road Map for 21st Century Genetic Restoration: Gene Pool Enrichment of the Black-Footed Ferret. Journal of Heredity, 2015, 106, 581-592. | 2.4 | 39 |
| 74 | Identification and Functional Analysis of Novel Nonstructural Proteins of Human Bocavirus 1. Journal of Virology, 2015, 89, 10097-10109. | 3.4 | 46 |
| 75 | Ferret and Pig Models of Cystic Fibrosis: Prospects and Promise for Gene Therapy. Human Gene Therapy Clinical Development, 2015, 26, 38-49. | 3.1 | 57 |
| 76 | Glycaemic regulation and insulin secretion are abnormal in cystic fibrosis pigs despite sparing of islet cell mass. Clinical Science, 2015, 128, 131-142. | 4.3 | 64 |
| 77 | Defective Innate Immunity and Hyperinflammation in Newborn Cystic Fibrosis Transmembrane Conductance Regulatorâ€œKnockout Ferret Lungs. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 683-694. | 2.9 | 94 |
| 78 | Quantifying Insulin Sensitivity and Entero-Insular Responsiveness to Hyper- and Hypoglycemia in Ferrets. PLoS ONE, 2014, 9, e90519. | 2.5 | 5 |
| 79 | Ferret and Pig Models of Cystic Fibrosis: Prospects and Promise for Gene Therapy. Human Gene Therapy Clinical Development, 2014, , 150127063140004. | 3.1 | 0 |
| 80 | Lung Phenotype of Juvenile and Adult Cystic Fibrosis Transmembrane Conductance Regulatorâ€œKnockout Ferrets. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 502-512. | 2.9 | 103 |
| 81 | The draft genome sequence of the ferret (<i>Mustela putorius furo</i>) facilitates study of human respiratory disease. Nature Biotechnology, 2014, 32, 1250-1255. | 17.5 | 110 |
| 82 | Progenitor Cells in Proximal Airway Epithelial Development and Regeneration. Journal of Cellular Biochemistry, 2014, 115, 1637-1645. | 2.6 | 37 |
| 83 | Sox2 modulates Lef-1 expression during airway submucosal gland development. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L645-L660. | 2.9 | 22 |
| 84 | Gastrointestinal Pathology in Juvenile and Adult CFTR-Knockout Ferrets. American Journal of Pathology, 2014, 184, 1309-1322. | 3.8 | 63 |
| 85 | The Basic Biology of Redoxosomes in Cytokine-Mediated Signal Transduction and Implications for Disease-Specific Therapies. Biochemistry, 2014, 53, 1551-1564. | 2.5 | 81 |
| 86 | A Novel Chimeric Adenoassociated Virus 2/Human Bocavirus 1 Parvovirus Vector Efficiently Transduces Human Airway Epithelia. Molecular Therapy, 2013, 21, 2181-2194. | 8.2 | 62 |
| 87 | Ferret Lung Transplant: An Orthotopic Model of Obliterative Bronchiolitis. American Journal of Transplantation, 2013, 13, 467-473. | 4.7 | 28 |
| 88 | Bioelectric Characterization of Epithelia from Neonatal <i>CFTR</i> Knockout Ferrets. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 837-844. | 2.9 | 28 |
| 89 | Hepatocytes produce TNF- α following hypoxia-reoxygenation and liver ischemia-reperfusion in a NADPH oxidase- and c-Src-dependent manner. American Journal of Physiology - Renal Physiology, 2013, 305, G84-G94. | 3.4 | 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. Human Gene Therapy, 2013, 24, 786-796. | 2.7 | 12 |

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| 91 | <i>In Vitro</i> Modeling of Human Bocavirus 1 Infection of Polarized Primary Human Airway Epithelia. Journal of Virology, 2013, 87, 4097-4102. | 3.4 | 53 |
| 92 | Distinct transduction difference between adeno-associated virus type 1 and type 6 vectors in human polarized airway epithelia. Gene Therapy, 2013, 20, 328-337. | 4.5 | 28 |
| 93 | Gene Delivery to the Airway. Current Protocols in Human Genetics, 2013, 78, Unit 13.9. | 3.5 | 7 |
| 94 | Redoxâ€Dependent Hepatocyte TNFÎ± Secretion Following Reoxygenation Injury. FASEB Journal, 2013, 27, 682.12. | 0.5 | 0 |
| 95 | Establishment of a Reverse Genetics System for Studying Human Bocavirus in Human Airway Epithelia. PLoS Pathogens, 2012, 8, e1002899. | 4.7 | 137 |
| 96 | A Mutation in the Srrm4 Gene Causes Alternative Splicing Defects and Deafness in the Bronx Waltzer Mouse. PLoS Genetics, 2012, 8, e1002966. | 3.5 | 77 |
| 97 | Comparative Processing and Function of Human and Ferret Cystic Fibrosis Transmembrane Conductance Regulator. Journal of Biological Chemistry, 2012, 287, 21673-21685. | 3.4 | 29 |
| 98 | Directing Integrin-linked Endocytosis of Recombinant AAV Enhances Productive FAK-dependent Transduction. Molecular Therapy, 2012, 20, 972-983. | 8.2 | 16 |
| 99 | Future Directions in Early Cystic Fibrosis Lung Disease Research. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 887-892. | 5.6 | 68 |
| 100 | Abnormal endocrine pancreas function at birth in cystic fibrosis ferrets. Journal of Clinical Investigation, 2012, 122, 3755-3768. | 8.2 | 115 |
| 101 | The Role of LEF1 in Endometrial Gland Formation and Carcinogenesis. PLoS ONE, 2012, 7, e40312. | 2.5 | 36 |
| 102 | CGRP induction in cystic fibrosis airways alters the submucosal gland progenitor cell niche in mice. Journal of Clinical Investigation, 2011, 121, 3144-3158. | 8.2 | 40 |
| 103 | Immunohistochemical demonstration of airway epithelial cell markers of Guinea pig. Tissue and Cell, 2011, 43, 283-290. | 2.2 | 7 |
| 104 | Selective suppression of cervical cancer Hela cells by 2-O-Î²-d-glucopyranosyl-l-ascorbic acid isolated from the fruit of Lycium barbarum L.. Cell Biology and Toxicology, 2011, 27, 107-121. | 5.3 | 31 |
| 105 | Unique Characteristics of AAV1, 2, and 5 Viral Entry, Intracellular Trafficking, and Nuclear Import Define Transduction Efficiency in HeLa Cells. Human Gene Therapy, 2011, 22, 1433-1444. | 2.7 | 31 |
| 106 | Alsln and SOD1G93A Proteins Regulate Endosomal Reactive Oxygen Species Production by Glial Cells and Proinflammatory Pathways Responsible for Neurotoxicity. Journal of Biological Chemistry, 2011, 286, 40151-40162. | 3.4 | 78 |
| 107 | Control of Hepatic Nuclear Superoxide Production by Glucose 6-Phosphate Dehydrogenase and NADPH Oxidase-4. Journal of Biological Chemistry, 2011, 286, 8977-8987. | 3.4 | 87 |
| 108 | Comparative Biology of Cystic Fibrosis Animal Models. Methods in Molecular Biology, 2011, 742, 311-334. | 0.9 | 78 |

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|-----|---|-----|-----------|
| 109 | New animal models of cystic fibrosis. <i>Current Opinion in Pulmonary Medicine</i> , 2011, 17, 478-483. | 2.6 | 114 |
| 110 | Dual Reporter Comparative Indexing of rAAV Pseudotyped Vectors in Chimpanzee Airway. <i>Molecular Therapy</i> , 2010, 18, 594-600. | 8.2 | 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. | 5.6 | 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. | 2.9 | 26 |
| 113 | Disease phenotype of a ferret CFTR-knockout model of cystic fibrosis. <i>Journal of Clinical Investigation</i> , 2010, 120, 3149-3160. | 8.2 | 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. | 3.4 | 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. | 5.4 | 102 |
| 116 | Analysis of Adeno-associated Virus Progenitor Cell Transduction in Mouse Lung. <i>Molecular Therapy</i> , 2009, 17, 285-293. | 8.2 | 37 |
| 117 | Cloning and identification of microRNAs in bovine alveolar macrophages. <i>Molecular and Cellular Biochemistry</i> , 2009, 332, 9-16. | 3.1 | 19 |
| 118 | Indexing TNF α gene expression using a gene-targeted reporter cell line. <i>BMC Biology</i> , 2009, 7, 8. | 3.8 | 6 |
| 119 | Progress and prospects: techniques for site-directed mutagenesis in animal models. <i>Gene Therapy</i> , 2009, 16, 581-588. | 4.5 | 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. | 1.4 | 14 |
| 121 | Redox Modifier Genes and Pathways in Amyotrophic Lateral Sclerosis. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1569-1586. | 5.4 | 37 |
| 122 | Signaling Components of Redox Active Endosomes: The Redoxosomes. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1313-1333. | 5.4 | 173 |
| 123 | Aggressive melanoma cells escape from BMP7-mediated autocrine growth inhibition through coordinated Noggin upregulation. <i>Laboratory Investigation</i> , 2008, 88, 842-855. | 3.7 | 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. | 2.7 | 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. | 2.9 | 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. | 2.3 | 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. | 3.4 | 29 |
| 130 | Longitudinal noninvasive monitoring of transcription factor activation in cardiovascular regulatory nuclei using bioluminescence imaging. <i>Physiological Genomics</i> , 2008, 33, 292-299. | 2.3 | 14 |
| 131 | Endosomal NADPH oxidase regulates c-Src activation following hypoxia/reoxygenation injury. <i>Biochemical Journal</i> , 2008, 411, 531-541. | 3.7 | 55 |
| 132 | Mechanisms of Submucosal Gland Morphogenesis in the Airway. <i>Novartis Foundation Symposium</i> , 2008, , 38-50. | 1.1 | 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. | 8.2 | 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. | 8.2 | 282 |
| 135 | Adeno-associated virus-targeted disruption of the CFTR gene in cloned ferrets. <i>Journal of Clinical Investigation</i> , 2008, 118, 1578-1583. | 8.2 | 132 |
| 136 | MKK6 Phosphorylation Regulates Production of Superoxide by Enhancing Rac GTPase Activity. <i>Antioxidants and Redox Signaling</i> , 2007, 9, 1803-1814. | 5.4 | 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. | 2.9 | 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. | 8.2 | 33 |
| 139 | PITX2 and β -Catenin Interactions Regulate Lef-1 Isoform Expression. <i>Molecular and Cellular Biology</i> , 2007, 27, 7560-7573. | 2.3 | 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. | 2.7 | 71 |
| 141 | Wnt3a regulates Lef-1 expression during airway submucosal gland morphogenesis. <i>Developmental Biology</i> , 2007, 305, 90-102. | 2.0 | 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. | 2.7 | 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. | 1.4 | 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. | 3.4 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 145 | Comparative biology of rAAV transduction in ferret, pig and human airway epithelia. <i>Gene Therapy</i> , 2007, 14, 1543-1548. | 4.5 | 42 |
| 146 | Redox modifier genes in amyotrophic lateral sclerosis in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 2913-2919. | 8.2 | 131 |
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