

Patrick L Sinn

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

3,808
citations

182225

30
h-index

150775

59
g-index

71
all docs

71
docs citations

71
times ranked

4681
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased CFTR expression and function from an optimized lentiviral vector for cystic fibrosis gene therapy. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 21, 94-106.	1.8	8
2	Measles virus exits human airway epithelia within dislodged metabolically active infectious centers. <i>PLoS Pathogens</i> , 2021, 17, e1009458.	2.1	18
3	Functional correction of CFTR mutations in human airway epithelial cells using adenine base editors. <i>Nucleic Acids Research</i> , 2021, 49, 10558-10572.	6.5	25
4	Lentiviral vectors transduce lung stem cells without disrupting plasticity. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 293-301.	2.3	4
5	Gene Therapy Potential for Genetic Disorders of Surfactant Dysfunction. <i>Frontiers in Genome Editing</i> , 2021, 3, 785829.	2.7	13
6	Adeno-Associated Virus-Based Gene Therapy for Lifelong Correction of Genetic Disease. <i>Human Gene Therapy</i> , 2020, 31, 985-995.	1.4	17
7	Intratracheal aerosolization of viral vectors to newborn pig airways. <i>BioTechniques</i> , 2020, 68, 235-239.	0.8	2
8	Extracellular Vesicle-Mediated siRNA Delivery, Protein Delivery, and CFTR Complementation in Well-Differentiated Human Airway Epithelial Cells. <i>Genes</i> , 2020, 11, 351.	1.0	9
9	Enhanced Tropism of Species B1 Adenoviral-Based Vectors for Primary Human Airway Epithelial Cells. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019, 14, 228-236.	1.8	8
10	A Novel AAV-mediated Gene Delivery System Corrects CFTR Function in Pigs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 747-754.	1.4	31
11	Measles Virus Ribonucleoprotein Complexes Rapidly Spread across Well-Differentiated Primary Human Airway Epithelial Cells along F-Actin Rings. <i>MBio</i> , 2019, 10, .	1.8	21
12	Cystic Fibrosis Gene Therapy: Looking Back, Looking Forward. <i>Genes</i> , 2018, 9, 538.	1.0	87
13	Widespread airway distribution and short-term phenotypic correction of cystic fibrosis pigs following aerosol delivery of piggyBac/adenovirus. <i>Nucleic Acids Research</i> , 2018, 46, 9591-9600.	6.5	38
14	Long-term correction of hemophilia A mice following lentiviral mediated delivery of an optimized canine factor VIII gene. <i>Gene Therapy</i> , 2017, 24, 742-748.	2.3	16
15	Novel GP64 envelope variants for improved delivery to human airway epithelial cells. <i>Gene Therapy</i> , 2017, 24, 674-679.	2.3	23
16	Lentiviral Vectors Pseudotyped with Filoviral Glycoproteins. <i>Methods in Molecular Biology</i> , 2017, 1628, 65-78.	0.4	14
17	CFTR gene transfer with AAV improves early cystic fibrosis pig phenotypes. <i>JCI Insight</i> , 2016, 1, e88728.	2.3	72
18	438. Human, Pig and Mouse IFITMs Partially Restrict Pseudotyped Lentiviral Vectors. <i>Molecular Therapy</i> , 2016, 24, S173-S174.	3.7	0

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19	Cell-to-Cell Contact and Nectin-4 Govern Spread of Measles Virus from Primary Human Myeloid Cells to Primary Human Airway Epithelial Cells. <i>Journal of Virology</i> , 2016, 90, 6808-6817.	1.5	43
20	Human, Pig, and Mouse Interferon-Induced Transmembrane Proteins Partially Restrict Pseudotyped Lentiviral Vectors. <i>Human Gene Therapy</i> , 2016, 27, 354-362.	1.4	11
21	Lentiviral-mediated phenotypic correction of cystic fibrosis pigs. <i>JCI Insight</i> , 2016, 1, .	2.3	73
22	7. Lentiviral Vector-Mediated CFTR Gene Transfer to CF Pig Airways Corrects the Anion Transport Defect In Vivo. <i>Molecular Therapy</i> , 2015, 23, S3.	3.7	0
23	Interferon- β Inhibits Ebola Virus Infection. <i>PLoS Pathogens</i> , 2015, 11, e1005263.	2.1	71
24	Integrating Viral and Nonviral Vectors for Cystic Fibrosis Gene Therapy in the Airways. , 2015, , .		2
25	The Nectin-4/Afadin Protein Complex and Intercellular Membrane Pores Contribute to Rapid Spread of Measles Virus in Primary Human Airway Epithelia. <i>Journal of Virology</i> , 2015, 89, 7089-7096.	1.5	45
26	Connections matter – how viruses use cell–cell adhesion components. <i>Journal of Cell Science</i> , 2015, 128, 431-439.	1.2	92
27	Hybrid Nonviral/Viral Vector Systems for Improved piggyBac DNA Transposon In Vivo Delivery. <i>Molecular Therapy</i> , 2015, 23, 667-674.	3.7	39
28	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
29	piggyBac-mediated phenotypic correction of factor VIII deficiency. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014, 1, 14042.	1.8	10
30	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
31	Different Roles of the Three Loops Forming the Adhesive Interface of Nectin-4 in Measles Virus Binding and Cell Entry, Nectin-4 Homodimerization, and Heterodimerization with Nectin-1. <i>Journal of Virology</i> , 2014, 88, 14161-14171.	1.5	17
32	<i>piggyBac</i> transposase tools for genome engineering. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2279-87.	3.3	186
33	Intrapulmonary Versus Nasal Transduction of Murine Airways With GP64-pseudotyped Viral Vectors. <i>Molecular Therapy - Nucleic Acids</i> , 2013, 2, e69.	2.3	9
34	Integrin $\alpha 6 \beta 2$ Identifies Human Distal Lung Epithelial Progenitor Cells with Potential as a Cell-Based Therapy for Cystic Fibrosis Lung Disease. <i>PLoS ONE</i> , 2013, 8, e83624.	1.1	22
35	Piggybac Mediated Gene Transfer To Correct Hemophilia A. <i>Blood</i> , 2013, 122, 2900-2900.	0.6	0
36	Lentiviral Vector Gene Transfer to Porcine Airways. <i>Molecular Therapy - Nucleic Acids</i> , 2012, 1, e56.	2.3	44

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37	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
38	Advances in Cell and Gene-based Therapies for Cystic Fibrosis Lung Disease. Molecular Therapy, 2012, 20, 1108-1115.	3.7	36
39	Adherens junction protein nectin-4 is the epithelial receptor for measles virus. Nature, 2011, 480, 530-533.	13.7	504
40	Tyrosine kinase receptor Axl enhances entry of Zaire ebolavirus without direct interactions with the viral glycoprotein. Virology, 2011, 415, 83-94.	1.1	105
41	T-cell immunoglobulin and mucin domain 1 (TIM-1) is a receptor for <i>Zaire Ebolavirus</i> and <i>Lake Victoria Marburgvirus</i>. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8426-8431.	3.3	330
42	Genetic therapies for cystic fibrosis lung disease. Human Molecular Genetics, 2011, 20, R79-R86.	1.4	25
43	The use of carboxymethylcellulose gel to increase non-viral gene transfer in mouse airways. Biomaterials, 2010, 31, 2665-2672.	5.7	27
44	Rho GTPases Modulate Entry of Ebola Virus and Vesicular Stomatitis Virus Pseudotyped Vectors. Journal of Virology, 2009, 83, 10176-10186.	1.5	79
45	Progress and Prospects: prospects of repeated pulmonary administration of viral vectors. Gene Therapy, 2009, 16, 1059-1065.	2.3	28
46	In vivo imaging of gene transfer to the respiratory tract. Biomaterials, 2008, 29, 1533-1540.	5.7	13
47	Lentivirus Vector Can Be Readministered to Nasal Epithelia without Blocking Immune Responses. Journal of Virology, 2008, 82, 10684-10692.	1.5	86
48	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
49	Enhanced Gene Expression Conferred by Stepwise Modification of a Nonprimate Lentiviral Vector. Human Gene Therapy, 2007, 18, 1244-1252.	1.4	27
50	In vivo mouse studies with bioluminescence tomography. Optics Express, 2006, 14, 7801.	1.7	167
51	988. Repeat Administration of Lentiviral Vector to Mouse Nasal Epithelia. Molecular Therapy, 2006, 13, S380.	3.7	0
52	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
53	Inclusion of jaagsiekte sheep retrovirus proviral elements markedly increases lentivirus vector pseudotyping efficiency. Molecular Therapy, 2005, 11, 460-469.	3.7	12
54	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

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55	Gene Transfer to Respiratory Epithelia with Lentivirus Pseudotyped with Jaagsiekte Sheep Retrovirus Envelope Glycoprotein. <i>Human Gene Therapy</i> , 2005, 16, 479-488.	1.4	36
56	Gene Therapy Progress and Prospects: Development of improved lentiviral and retroviral vectors â€œ design, biosafety, and production. <i>Gene Therapy</i> , 2005, 12, 1089-1098.	2.3	299
57	In vivo tomographic imaging based on bioluminescence. , 2004, , .		1
58	Lentivirus Vectors Pseudotyped with Filoviral Envelope Glycoproteins Transduce Airway Epithelia from the Apical Surface Independently of Folate Receptor Alpha. <i>Journal of Virology</i> , 2003, 77, 5902-5910.	1.5	121
59	Cells of Respiratory Epithelium. , 2003, 229, 287-298.		0
60	In Vivo Gene Transfer Using a Nonprimate Lentiviral Vector Pseudotyped with Ross River Virus Glycoproteins. <i>Journal of Virology</i> , 2002, 76, 9378-9388.	1.5	133
61	Measles Virus Preferentially Transduces the Basolateral Surface of Well-Differentiated Human Airway Epithelia. <i>Journal of Virology</i> , 2002, 76, 2403-2409.	1.5	75
62	[28] Gene transfer to airway epithelia using feline immunodeficiency virus-based lentivirus vectors. <i>Methods in Enzymology</i> , 2002, 346, 500-514.	0.4	3
63	Identification of three human renin mRNA isoforms from alternative tissue-specific transcriptional initiation. <i>Physiological Genomics</i> , 2000, 3, 25-31.	1.0	100
64	Transgenic models as tools for studying the regulation of human renin expression. <i>Regulatory Peptides</i> , 2000, 86, 77-82.	1.9	12
65	Highly Regulated Cell Type-restricted Expression of Human Renin in Mice Containing 140- or 160-Kilobase Pair P1 Phage Artificial Chromosome Transgenes. <i>Journal of Biological Chemistry</i> , 1999, 274, 35785-35793.	1.6	52
66	JG cell expression and partial regulation of a human renin genomic transgene driven by a minimal renin promoter. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 277, F634-F642.	1.3	16
67	Human Renin mRNA Stability Is Increased in Response to cAMP in Calu-6 Cells. <i>Hypertension</i> , 1999, 33, 900-905.	1.3	38
68	Cells of Respiratory Epithelium. , 0, , 285-298.		0