

Shih-Hsing Leir

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,089
citations

257450

24
h-index

243625

44
g-index

56
all docs

56
docs citations

56
times ranked

2660
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhinoviruses Infect the Lower Airways. <i>Journal of Infectious Diseases</i> , 2000, 181, 1875-1884.	4.0	503
2	microRNA regulation of expression of the cystic fibrosis transmembrane conductance regulator gene. <i>Biochemical Journal</i> , 2011, 438, 25-32.	3.7	132
3	Expression of c-erbB Receptors and Ligands in Human Bronchial Mucosa. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 914-923.	2.9	117
4	Intronic enhancers coordinate epithelial-specific looping of the active <i>CFTR</i> locus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19934-19939.	7.1	104
5	N-Glycosylation of the MUC1 mucin in epithelial cells and secretions. <i>Glycobiology</i> , 2006, 16, 623-634.	2.5	74
6	Expression profiles of human epididymis epithelial cells reveal the functional diversity of caput, corpus and cauda regions. <i>Molecular Human Reproduction</i> , 2016, 22, 69-82.	2.8	64
7	The role of the SEA (sea urchin sperm protein, enterokinase and agrin) module in cleavage of membrane-tethered mucins. <i>FEBS Journal</i> , 2005, 272, 2901-2911.	4.7	54
8	Differential contribution of <i>cis</i> -regulatory elements to higher order chromatin structure and expression of the <i>CFTR</i> locus. <i>Nucleic Acids Research</i> , 2016, 44, 3082-3094.	14.5	52
9	Chromatin remodeling mediated by the FOXA1/A2 transcription factors activates <i>CFTR</i> expression in intestinal epithelial cells. <i>Epigenetics</i> , 2014, 9, 557-565.	2.7	47
10	Ets homologous factor (EHF) has critical roles in epithelial dysfunction in airway disease. <i>Journal of Biological Chemistry</i> , 2017, 292, 10938-10949.	3.4	43
11	MUC6 mucin expression inhibits tumor cell invasion. <i>Experimental Cell Research</i> , 2011, 317, 2408-2419.	2.6	42
12	Oxidative Stress Regulates <i>CFTR</i> Gene Expression in Human Airway Epithelial Cells through a Distal Antioxidant Response Element. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 387-396.	2.9	41
13	Collagen XV Inhibits Epithelial to Mesenchymal Transition in Pancreatic Adenocarcinoma Cells. <i>PLoS ONE</i> , 2013, 8, e72250.	2.5	41
14	The contribution of tandem repeat number to the O-glycosylation of mucins. <i>Glycobiology</i> , 2003, 13, 265-277.	2.5	39
15	Ets homologous factor regulates pathways controlling response to injury in airway epithelial cells. <i>Nucleic Acids Research</i> , 2014, 42, 13588-13598.	14.5	38
16	An atlas of human proximal epididymis reveals cell-specific functions and distinct roles for CFTR. <i>Life Science Alliance</i> , 2020, 3, e202000744.	2.8	35
17	Matrix metalloproteinase-2 from bronchial epithelial cells induces the proliferation of subepithelial fibroblasts. <i>Clinical and Experimental Allergy</i> , 2002, 32, 881-888.	2.9	32
18	Tumor suppression by collagen XV is independent of the restin domain. <i>Matrix Biology</i> , 2012, 31, 285-289.	3.6	32

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19	Molecular mechanisms controlling <i>CFTR</i> gene expression in the airway. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 1321-1330.	3.6	31
20	Novel regulatory mechanisms for the <i>CFTR</i> gene. <i>Biochemical Society Transactions</i> , 2009, 37, 843-848.	3.4	27
21	Immune Mediators Regulate <i>CFTR</i> Expression through a Bifunctional Airway-Selective Enhancer. <i>Molecular and Cellular Biology</i> , 2013, 33, 2843-2853.	2.3	27
22	Antigen-Induced Anaphylactic Death in Mice. <i>International Archives of Allergy and Immunology</i> , 1996, 109, 407-412.	2.1	26
23	Mucin Glycosylation and Sulphation in Airway Epithelial Cells Is Not Influenced by Cystic Fibrosis Transmembrane Conductance Regulator Expression. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005, 32, 453-461.	2.9	26
24	A transcription factor network represses <i>CFTR</i> gene expression in airway epithelial cells. <i>Biochemical Journal</i> , 2018, 475, 1323-1334.	3.7	26
25	Characterization of primary cultures of adult human epididymis epithelial cells. <i>Fertility and Sterility</i> , 2015, 103, 647-654.e1.	1.0	25
26	Inflammatory cytokines can enhance CD44-mediated airway epithelial cell adhesion independently of CD44 expression. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003, 285, L1305-L1311.	2.9	24
27	The characterization of the first anti-mouse Muc6 antibody shows an increased expression of the mucin in pancreatic tissue of <i>Cftr</i> -knockout mice. <i>Histochemistry and Cell Biology</i> , 2010, 133, 517-525.	1.7	24
28	Increased CD44 expression in human bronchial epithelial repair after damage or plating at low cell densities. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 278, L1129-L1137.	2.9	23
29	The FOXA1 transcriptional network coordinates key functions of primary human airway epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L126-L136.	2.9	22
30	A genome-wide analysis of open chromatin in human tracheal epithelial cells reveals novel candidate regulatory elements for lung function. <i>Thorax</i> , 2012, 67, 385-391.	5.6	20
31	An Optimized Protocol for Isolating Primary Epithelial Cell Chromatin for ChIP. <i>PLoS ONE</i> , 2014, 9, e100099.	2.5	19
32	A novel transcriptional network for the androgen receptor in human epididymis epithelial cells. <i>Molecular Human Reproduction</i> , 2018, 24, 433-443.	2.8	19
33	Looping of upstream cis-regulatory elements is required for <i>CFTR</i> expression in human airway epithelial cells. <i>Nucleic Acids Research</i> , 2020, 48, 3513-3524.	14.5	19
34	Regulatory dynamics of 11p13 suggest a role for EHF in modifying CF lung disease severity. <i>Nucleic Acids Research</i> , 2017, 45, 8773-8784.	14.5	18
35	Coordinate Regulation of the Gel-forming Mucin Genes at Chromosome 11p15.5*. <i>Journal of Biological Chemistry</i> , 2013, 288, 6717-6725.	3.4	17
36	Nucleosome mapping across the <i>CFTR</i> locus identifies novel regulatory factors. <i>Nucleic Acids Research</i> , 2013, 41, 2857-2868.	14.5	17

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37	HNF1 regulates critical processes in the human epididymis epithelium. <i>Molecular and Cellular Endocrinology</i> , 2016, 425, 94-102.	3.2	16
38	Region-specific microRNA signatures in the human epididymis. <i>Asian Journal of Andrology</i> , 2018, 20, 539.	1.6	16
39	Functional genomics analysis of human colon organoids identifies key transcription factors. <i>Physiological Genomics</i> , 2020, 52, 234-244.	2.3	16
40	CD44 isoform expression on colonic epithelium mediates lamina propria lymphocyte adhesion and is controlled by Th1 and Th2 cytokines. <i>European Journal of Gastroenterology and Hepatology</i> , 2003, 15, 1101-1110.	1.6	15
41	Region-specific innate antiviral responses of the human epididymis. <i>Molecular and Cellular Endocrinology</i> , 2018, 473, 72-78.	3.2	13
42	Coordinate regulation of ELF5 and EHF at the chr11p13 CF modifier region. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 7726-7740.	3.6	12
43	Cell function and identity revealed by comparative scRNA-seq analysis in human nasal, bronchial and epididymis epithelia. <i>European Journal of Cell Biology</i> , 2022, 101, 151231.	3.6	12
44	A functional genomics approach to investigate the differentiation of iPSCs into lung epithelium at air-liquid interface. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 9853-9870.	3.6	11
45	BACH1, the master regulator of oxidative stress, has a dual effect on CFTR expression. <i>Biochemical Journal</i> , 2021, 478, 3741-3756.	3.7	11
46	An organoid model to assay the role of CFTR in the human epididymis epithelium. <i>Cell and Tissue Research</i> , 2020, 381, 327-336.	2.9	10
47	Open chromatin mapping identifies transcriptional networks regulating human epididymis epithelial function. <i>Molecular Human Reproduction</i> , 2014, 20, 1198-1207.	2.8	9
48	Molecular characterization of gene regulatory networks in primary human tracheal and bronchial epithelial cells. <i>Journal of Cystic Fibrosis</i> , 2018, 17, 444-453.	0.7	9
49	Krüppel-like factor 5 regulates wound repair and the innate immune response in human airway epithelial cells. <i>Journal of Biological Chemistry</i> , 2021, 297, 100932.	3.4	9
50	Nucleosome occupancy reveals regulatory elements of the CFTR promoter. <i>Nucleic Acids Research</i> , 2012, 40, 625-637.	14.5	8
51	The Bromodomain Containing 8 (BRD8) transcriptional network in human lung epithelial cells. <i>Molecular and Cellular Endocrinology</i> , 2021, 524, 111169.	3.2	8
52	In vivo glycosylation of MUC1 in airway epithelial cells. <i>Glycoconjugate Journal</i> , 2002, 19, 379-384.	2.7	6
53	Evaluation of MUC6 mucin tandem repeats. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1722, 77-83.	2.4	5
54	OTX2 regulates CFTR expression during endoderm differentiation and occupies cis-regulatory elements. <i>Developmental Dynamics</i> , 2021, 250, 684-700.	1.8	2

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55	Involvement of histamine or tumor necrosis factor in early-type hypersensitivity. Immunopharmacology, 1995, 29, 167-173.	2.0	1