Shih-Hsing Leir

List of Publications by Year
in descending order

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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	Cell function and identity revealed by comparative scRNA-seq analysis in human nasal, bronchial and epididymis epithelia. European Journal of Cell Biology, 2022, 101, 151231.	3.6	12
2	OTX2 regulates CFTR expression during endoderm differentiation and occupies 3â€² cisâ€regulatory elements. Developmental Dynamics, 2021, 250, 684-700.	1.8	2
3	The Bromodomain Containing 8 (BRD8) transcriptional network in human lung epithelial cells. Molecular and Cellular Endocrinology, 2021, 524, 111169.	3.2	8
4	KrÃ¼ppel-like factor 5 regulates wound repair and the innate immune response in human airway epithelial cells. Journal of Biological Chemistry, 2021, 297, 100932.	3.4	9
5	BACH1, the master regulator of oxidative stress, has a dual effect on CFTR expression. Biochemical Journal, 2021, 478, 3741-3756.	3.7	11
6	A functional genomics approach to investigate the differentiation of iPSCs into lung epithelium at airâ€liquid interface. Journal of Cellular and Molecular Medicine, 2020, 24, 9853-9870.	3.6	11
7	An organoid model to assay the role of CFTR in the human epididymis epithelium. Cell and Tissue Research, 2020, 381, 327-336.	2.9	10
8	Functional genomics analysis of human colon organoids identifies key transcription factors. Physiological Genomics, 2020, 52, 234-244.	2.3	16
9	The FOXA1 transcriptional network coordinates key functions of primary human airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L126-L136.	2.9	22
10	Looping of upstream cis-regulatory elements is required for CFTR expression in human airway epithelial cells. Nucleic Acids Research, 2020, 48, 3513-3524.	14.5	19
11	An atlas of human proximal epididymis reveals cell-specific functions and distinct roles for CFTR. Life Science Alliance, 2020, 3, e202000744.	2.8	35
12	Coordinate regulation ofELF5andEHFat the chr11p13 CF modifier region. Journal of Cellular and Molecular Medicine, 2019, 23, 7726-7740.	3.6	12
13	Molecular characterization of gene regulatory networks in primary human tracheal and bronchial epithelial cells. Journal of Cystic Fibrosis, 2018, 17, 444-453.	0.7	9
14	Region-specific innate antiviral responses of the human epididymis. Molecular and Cellular Endocrinology, 2018, 473, 72-78.	3.2	13
15	A transcription factor network represses CFTR gene expression in airway epithelial cells. Biochemical Journal, 2018, 475, 1323-1334.	3.7	26
16	Region-specific microRNA signatures in the human epididymis. Asian Journal of Andrology, 2018, 20, 539.	1.6	16
17	A novel transcriptional network for the androgen receptor in human epididymis epithelial cells. Molecular Human Reproduction, 2018, 24, 433-443.	2.8	19
18	Ets homologous factor (EHF) has critical roles in epithelial dysfunction in airway disease. Journal of Biological Chemistry, 2017, 292, 10938-10949.	3.4	43

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19	Regulatory dynamics of 11p13 suggest a role for EHF in modifying CF lung disease severity. Nucleic Acids Research, 2017, 45, 8773-8784.	14.5	18
20	HNF1 regulates critical processes in the human epididymis epithelium. Molecular and Cellular Endocrinology, 2016, 425, 94-102.	3.2	16
21	Differential contribution ofcis-regulatory elements to higher order chromatin structure and expression of theCFTRlocus. Nucleic Acids Research, 2016, 44, 3082-3094.	14.5	52
22	Expression profiles of human epididymis epithelial cells reveal the functional diversity of caput, corpus and cauda regions. Molecular Human Reproduction, 2016, 22, 69-82.	2.8	64
23	Characterization of primary cultures of adult human epididymis epithelial cells. Fertility and Sterility, 2015, 103, 647-654.e1.	1.0	25
24	Oxidative Stress Regulates CFTR Gene Expression in Human Airway Epithelial Cells through a Distal Antioxidant Response Element. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 387-396.	2.9	41
25	An Optimized Protocol for Isolating Primary Epithelial Cell Chromatin for ChIP. PLoS ONE, 2014, 9, e100099.	2.5	19
26	Chromatin remodeling mediated by the FOXA1/A2 transcription factors activatesCFTRexpression in intestinal epithelial cells. Epigenetics, 2014, 9, 557-565.	2.7	47
27	Ets homologous factor regulates pathways controlling response to injury in airway epithelial cells. Nucleic Acids Research, 2014, 42, 13588-13598.	14.5	38
28	Open chromatin mapping identifies transcriptional networks regulating human epididymis epithelial function. Molecular Human Reproduction, 2014, 20, 1198-1207.	2.8	9
29	Coordinate Regulation of the Gel-forming Mucin Genes at Chromosome 11p15.5*. Journal of Biological Chemistry, 2013, 288, 6717-6725.	3.4	17
30	Nucleosome mapping across the CFTR locus identifies novel regulatory factors. Nucleic Acids Research, 2013, 41, 2857-2868.	14.5	17
31	Immune Mediators Regulate CFTR Expression through a Bifunctional Airway-Selective Enhancer. Molecular and Cellular Biology, 2013, 33, 2843-2853.	2.3	27
32	Collagen XV Inhibits Epithelial to Mesenchymal Transition in Pancreatic Adenocarcinoma Cells. PLoS ONE, 2013, 8, e72250.	2.5	41
33	A genome-wide analysis of open chromatin in human tracheal epithelial cells reveals novel candidate regulatory elements for lung function. Thorax, 2012, 67, 385-391.	5.6	20
34	Nucleosome occupancy reveals regulatory elements of the CFTR promoter. Nucleic Acids Research, 2012, 40, 625-637.	14.5	8
35	Tumor suppression by collagen XV is independent of the restin domain. Matrix Biology, 2012, 31, 285-289.	3.6	32
36	Molecular mechanisms controlling CFTR gene expression in the airway. Journal of Cellular and Molecular Medicine, 2012, 16, 1321-1330.	3.6	31

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37	MUC6 mucin expression inhibits tumor cell invasion. Experimental Cell Research, 2011, 317, 2408-2419.	2.6	42
38	microRNA regulation of expression of the cystic fibrosis transmembrane conductance regulator gene. Biochemical Journal, 2011, 438, 25-32.	3.7	132
39	The characterization of the first anti-mouse Muc6 antibody shows an increased expression of the mucin in pancreatic tissue of Cftr-knockout mice. Histochemistry and Cell Biology, 2010, 133, 517-525.	1.7	24
40	Intronic enhancers coordinate epithelial-specific looping of the active CFTR locus. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19934-19939.	7.1	104
41	Novel regulatory mechanisms for theCFTRgene. Biochemical Society Transactions, 2009, 37, 843-848.	3.4	27
42	N-Glycosylation of the MUC1 mucin in epithelial cells and secretions. Glycobiology, 2006, 16, 623-634.	2.5	74
43	The role of the SEA (sea urchin sperm protein, enterokinase and agrin) module in cleavage of membrane-tethered mucins. FEBS Journal, 2005, 272, 2901-2911.	4.7	54
44	Mucin Glycosylation and Sulphation in Airway Epithelial Cells Is Not Influenced by Cystic Fibrosis Transmembrane Conductance Regulator Expression. American Journal of Respiratory Cell and Molecular Biology, 2005, 32, 453-461.	2.9	26
45	Evaluation of MUC6 mucin tandem repeats. Biochimica Et Biophysica Acta - General Subjects, 2005, 1722, 77-83.	2.4	5
46	The contribution of tandem repeat number to the O-glycosylation of mucins. Glycobiology, 2003, 13, 265-277.	2.5	39
47	CD44 isoform expression on colonic epithelium mediates lamina propria lymphocyte adhesion and is controlled by Th1 and Th2 cytokines. European Journal of Gastroenterology and Hepatology, 2003, 15, 1101-1110.	1.6	15
48	Inflammatory cytokines can enhance CD44-mediated airway epithelial cell adhesion independently of CD44 expression. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L1305-L1311.	2.9	24
49	Matrix metalloproteinase-2 from bronchial epithelial cells induces the proliferation of subepithelial fibroblasts. Clinical and Experimental Allergy, 2002, 32, 881-888.	2.9	32
50	In vivo glycosylation of MUC1 in airway epithelial cells. Glycoconjugate Journal, 2002, 19, 379-384.	2.7	6
51	Increased CD44 expression in human bronchial epithelial repair after damage or plating at low cell densities. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 278, L1129-L1137.	2.9	23
52	Rhinoviruses Infect the Lower Airways. Journal of Infectious Diseases, 2000, 181, 1875-1884.	4.0	503
53	Expression of c-erbB Receptors and Ligands in Human Bronchial Mucosa. American Journal of Respiratory Cell and Molecular Biology, 1999, 20, 914-923.	2.9	117
54	Antigen-Induced Anaphylactic Death in Mice. International Archives of Allergy and Immunology, 1996, 109, 407-412.	2.1	26

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