

Valerie Urbach

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,305
citations

279798

23
h-index

345221

36
g-index

43
all docs

43
docs citations

43
times ranked

1528
citing authors

#	ARTICLE	IF	CITATIONS
1	Correction of CFTR function in nasal epithelial cells from cystic fibrosis patients predicts improvement of respiratory function by CFTR modulators. <i>Scientific Reports</i> , 2017, 7, 7375.	3.3	134
2	Reduced 15-lipoxygenase 2 and lipoxin A ₄ /leukotriene B ₄ ratio in children with cystic fibrosis. <i>European Respiratory Journal</i> , 2014, 44, 394-404.	6.7	75
3	LXA ₄ stimulates ZO-1 expression and transepithelial electrical resistance in human airway epithelial (16HBE14o-) cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L101-L108.	2.9	63
4	Rapid responses to aldosterone in human distal colon. <i>Steroids</i> , 1999, 64, 51-63.	1.8	62
5	Airway surface liquid acidification initiates host defense abnormalities in Cystic Fibrosis. <i>Scientific Reports</i> , 2019, 9, 6516.	3.3	61
6	Lipoxin A4 Stimulates a Cytosolic Ca ²⁺ Increase in Human Bronchial Epithelium. <i>Journal of Biological Chemistry</i> , 2003, 278, 10879-10884.	3.4	59
7	Non-genomic convergent and divergent signalling of rapid responses to aldosterone and estradiol in mammalian colon. <i>Steroids</i> , 2002, 67, 483-491.	1.8	54
8	Rapid non-genomic inhibition of ATP-induced Cl ⁻ secretion by dexamethasone in human bronchial epithelium. <i>Journal of Physiology</i> , 2002, 545, 869-878.	2.9	54
9	Lipoxin A4 Stimulates Calcium-Activated Chloride Currents and Increases Airway Surface Liquid Height in Normal and Cystic Fibrosis Airway Epithelia. <i>PLoS ONE</i> , 2012, 7, e37746.	2.5	48
10	Lipoxin A ₄ -mediated K _{ATP} potassium channel activation results in cystic fibrosis airway epithelial repair. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L193-L201.	2.9	46
11	Lipoxin A ₄ prevents tight junction disruption and delays the colonization of cystic fibrosis bronchial epithelial cells by <i>Pseudomonas aeruginosa</i> . <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L1053-L1061.	2.9	40
12	Mechanosensitive Calcium Entry and Mobilization in Renal A6 Cells. <i>Journal of Membrane Biology</i> , 1999, 168, 29-37.	2.1	38
13	Might Brushed Nasal Cells Be a Surrogate for CFTR Modulator Clinical Response?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 123-126.	5.6	38
14	Thiazolidinediones induce proliferation of human bronchial epithelial cells through the GPR40 receptor. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L970-L978.	2.9	36
15	Oestrogen promotes KCNQ1 potassium channel endocytosis and postendocytic trafficking in colonic epithelium. <i>Journal of Physiology</i> , 2013, 591, 2813-2831.	2.9	36
16	Sexual dimorphism and oestrogen regulation of KCNE3 expression modulates the functional properties of KCNQ1 K ⁺ channels. <i>Journal of Physiology</i> , 2011, 589, 5091-5107.	2.9	33
17	Activation of P2RY11 and ATP Release by Lipoxin A ₄ Restores the Airway Surface Liquid Layer and Epithelial Repair in Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 178-190.	2.9	33
18	Rapid Effects of Dexamethasone on Intracellular pH and Na ⁺ /H ⁺ Exchanger Activity in Human Bronchial Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 35807-35814.	3.4	32

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19	Rapid anti-secretory effects of glucocorticoids in human airway epithelium. <i>Steroids</i> , 2006, 71, 323-328.	1.8	32
20	Rapid and non-genomic reduction of intracellular [Ca ²⁺] induced by aldosterone in human bronchial epithelium. <i>Journal of Physiology</i> , 2001, 537, 267-275.	2.9	29
21	Resolvin D1 regulates epithelial ion transport and inflammation in cystic fibrosis airways. <i>Journal of Cystic Fibrosis</i> , 2018, 17, 607-615.	0.7	27
22	The effect of PPADS as an antagonist of inositol (1,4,5)trisphosphate induced intracellular calcium mobilization. <i>British Journal of Pharmacology</i> , 1996, 119, 360-364.	5.4	26
23	CFTR Regulation of Intracellular Calcium in Normal and Cystic Fibrosis Human Airway Epithelia. <i>Journal of Membrane Biology</i> , 2000, 177, 209-219.	2.1	26
24	Physiological levels of lipoxin A ₄ inhibit ENaC and restore airway surface liquid height in cystic fibrosis bronchial epithelium. <i>Physiological Reports</i> , 2014, 2, e12093.	1.7	23
25	Specialized Pro-Resolving Lipid Mediators in Cystic Fibrosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2865.	4.1	23
26	Inward-rectifier potassium channels in basolateral membranes of frog skin epithelium.. <i>Journal of General Physiology</i> , 1994, 103, 583-604.	1.9	22
27	Physiological Impact of Abnormal Lipoxin A ₄ Production on Cystic Fibrosis Airway Epithelium and Therapeutic Potential. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	22
28	Lipoxin A ₄ and interleukin-8 levels in cystic fibrosis sputum after antibiotherapy. <i>Journal of Cystic Fibrosis</i> , 2008, 7, 463-468.	0.7	21
29	<i>P. aeruginosa</i> LPS stimulates calcium signaling and chloride secretion via CFTR in human bronchial epithelial cells. <i>Journal of Cystic Fibrosis</i> , 2013, 12, 60-67.	0.7	17
30	Maxi K ⁺ channels in the basolateral membrane of the exocrine frog skin gland regulated by intracellular calcium and pH. <i>Pflügers Archiv European Journal of Physiology</i> , 1995, 431, 52-65.	2.8	15
31	Cellular mechanisms for apical ATP effects on intracellular pH in human bronchial epithelium. <i>Journal of Physiology</i> , 2002, 543, 13-21.	2.9	15
32	An unexpected effect of TNF- α on F508del-CFTR maturation and function. <i>F1000Research</i> , 2015, 4, 218.	1.6	15
33	The Role of Specialized Pro-Resolving Mediators in Cystic Fibrosis Airways Disease. <i>Frontiers in Pharmacology</i> , 2020, 11, 1290.	3.5	11
34	An unexpected effect of TNF- α on F508del-CFTR maturation and function. <i>F1000Research</i> , 0, 4, 218.	1.6	10
35	Regulation of Intracellular Ca ²⁺ by CFTR in Chinese Hamster Ovary Cells. <i>Journal of Membrane Biology</i> , 1999, 171, 255-265.	2.1	8
36	THE ROLE OF LIPOXIN A ₄ IN CYSTIC FIBROSIS LUNG DISEASE. <i>Computational and Structural Biotechnology Journal</i> , 2013, 6, e201303018.	4.1	6

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37	CF Patients'™ Airway Epithelium and Sex Contribute to Biosynthesis Defects of Pro-Resolving Lipids. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	6
38	The Impact of Air Pollution on the Course of Cystic Fibrosis: A Review. <i>Frontiers in Physiology</i> , 2022, 13, .	2.8	3
39	Regulation of ion transport and ASL height by the anti-inflammatory mediator, lipoxin A4 in normal and cystic fibrosis bronchial epithelium. <i>FASEB Journal</i> , 2012, 26, 696.9.	0.5	1
40	Effect Of Lipoxin A4 In Modifying The Bronchial Airway Surface Liquid Layer. , 2010, , .		0
41	Regulation of ion transporters and airway surface dynamics by lipoxin in cystic fibrosis bronchial epithelium. <i>FASEB Journal</i> , 2011, 25, 1038.9.	0.5	0
42	Sexual dimorphism and estrogen regulation of KCNE3 modulates the functional properties of KCNQ1 K ⁺ channels. <i>FASEB Journal</i> , 2012, 26, 1152.8.	0.5	0