

Stuart M Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

655
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

748
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental Regulation of Lung Liquid Transport. Annual Review of Physiology, 2004, 66, 77-101.	13.1	175
2	p,p'-DDE activates CatSper and compromises human sperm function at environmentally relevant concentrations. Human Reproduction, 2013, 28, 3167-3177.	0.9	74
3	Specific loss of CatSper function is sufficient to compromise fertilizing capacity of human spermatozoa. Human Reproduction, 2015, 30, dev243.	0.9	61
4	Depolarization of sperm membrane potential is a common feature of men with subfertility and is associated with low fertilization rate at IVF. Human Reproduction, 2016, 31, 1147-1157.	0.9	57
5	Redox Regulation of Lung Development and Perinatal Lung Epithelial Function. Antioxidants and Redox Signaling, 2005, 7, 92-107.	5.4	41
6	2-APB-potentiated channels amplify CatSper-induced Ca ²⁺ signals in human sperm. Biochemical Journal, 2012, 448, 189-200.	3.7	38
7	Effects of nominally selective inhibitors of the kinases PI3K, SGK1 and PKB on the insulin-dependent control of epithelial Na ⁺ absorption. British Journal of Pharmacology, 2010, 161, 571-588.	5.4	31
8	A Ba ²⁺ -resistant, acid-sensitive K ⁺ conductance in Na ⁺ -absorbing H441 human airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1304-L1312.	2.9	24
9	NF- κ B Blockade Reduces the O ₂ -Evoked Rise in Na ⁺ Conductance in Fetal Alveolar Cells. Biochemical and Biophysical Research Communications, 2001, 281, 987-992.	2.1	22
10	Dexamethasone and insulin activate serum and glucocorticoid-inducible kinase 1 (SGK1) via different molecular mechanisms in cortical collecting duct cells. Physiological Reports, 2016, 4, e12792.	1.7	21
11	Epithelial Na ⁺ channel activity in human airway epithelial cells: the role of serum and glucocorticoid-inducible kinase 1. British Journal of Pharmacology, 2012, 166, 1272-1289.	5.4	18
12	The regulation of selective and nonselective Na ⁺ conductances in H441 human airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L942-L954.	2.9	16
13	Glucocorticoids can activate the β -ENaC gene promoter independently of SGK1. Biochemical Journal, 2009, 423, 189-197.	3.7	14
14	The phosphorylation of endogenous Nedd4-2 In Na ⁺ -absorbing human airway epithelial cells. European Journal of Pharmacology, 2014, 732, 32-42.	3.5	14
15	Dysregulation of epithelial Na ⁺ absorption induced by inhibition of the kinases TORC1 and TORC2. British Journal of Pharmacology, 2010, 161, 1778-1792.	5.4	13
16	O ₂ can raise fetal pneumocyte Na ⁺ conductance without affecting ENaC mRNA abundance. Biochemical and Biophysical Research Communications, 2003, 305, 671-676.	2.1	11
17	Effects of peroxisome proliferator-activated receptor β agonists on Na ⁺ transport and activity of the kinase SGK1 in epithelial cells from lung and kidney. British Journal of Pharmacology, 2010, 159, 678-688.	5.4	11
18	Trichostatin A blocks aldosterone-induced Na ⁺ transport and control of serum- and glucocorticoid-inducible kinase 1 in cortical collecting duct cells. British Journal of Pharmacology, 2019, 176, 4708-4719.	5.4	10

#	ARTICLE	IF	CITATIONS
19	The extracellular Ca ²⁺ -sensing receptor branches out – a new role in lung morphogenesis. <i>Journal of Physiology</i> , 2008, 586, 5847-5848.	2.9	4
20	Pulmonary Na ⁺ transport. , 2004, , 33-34.		0