

Naomi Niisato

List of Publications by Year in descending order

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26
papers

496
citations

840776

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18
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27
all docs

27
docs citations

27
times ranked

543
citing authors

#	ARTICLE	IF	CITATIONS
1	Food intake targeting and improving acidity in diabetes and cancer. Food Frontiers, 2020, 1, 9-12.	7.4	13
2	Quercetin is a Useful Medicinal Compound Showing Various Actions Including Control of Blood Pressure, Neurite Elongation and Epithelial Ion Transport. Current Medicinal Chemistry, 2019, 25, 4876-4887.	2.4	15
3	CALHM3 Is Essential for Rapid Ion Channel-Mediated Purinergic Neurotransmission of GPCR-Mediated Tastes. Neuron, 2018, 98, 547-561.e10.	8.1	137
4	A Regulatory Mechanism of ENaC Surface Expression. Membrane, 2018, 43, 206-210.	0.0	0
5	Simulation of Cl ⁻ Secretion in Epithelial Tissues: New Methodology Estimating Activity of Electro-Neutral Cl ⁻ Transporter. Frontiers in Physiology, 2015, 6, 370.	2.8	8
6	Insulin is involved in transcriptional regulation of NKCC and the CFTR Cl ⁻ channel through PI3K activation and ERK inactivation in renal epithelial cells. Journal of Physiological Sciences, 2014, 64, 433-443.	2.1	19
7	Distinct Action of Flavonoids, Myricetin and Quercetin, on Epithelial Cl ⁻ Secretion: Useful Tools as Regulators of Cl ⁻ Secretion. BioMed Research International, 2014, 2014, 1-8.	1.9	15
8	Lowered extracellular pH is involved in the pathogenesis of skeletal muscle insulin resistance. Biochemical and Biophysical Research Communications, 2014, 445, 170-174.	2.1	49
9	Improvement of insulin resistance, blood pressure and interstitial pH in early developmental stage of insulin resistance in OLETF rats by intake of propolis extracts. Biochemical and Biophysical Research Communications, 2013, 432, 650-653.	2.1	64
10	3P273 ENaC dynamics in the intracellular space : analysis of Na ⁺ transport in epithelial cells by mathematical model(24. Mathematical biology,Poster). Seibutsu Butsuri, 2013, 53, S257.	0.1	0
11	Hypotonic stress upregulates \hat{I}^2 - and \hat{I}^3 -ENaC expression through suppression of ERK by inducing MKP-1. American Journal of Physiology - Renal Physiology, 2012, 303, F240-F252.	2.7	26
12	2C1546 Mathematical model of Cl ⁻ secretion in airway epithelial cells(Mathematical Biology,Oral) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 S43.	0.1	0
13	A physiological role of p38 on aldosterone-dependent regulation of ENaC endocytosis in renal epithelial A6 cells. FASEB Journal, 2012, 26, 867.14.	0.5	0
14	Action of neltenequine on anion secretion in human airway epithelia. Biochemical and Biophysical Research Communications, 2007, 356, 1050-1055.	2.1	9
15	Involvement of p38 MAPK in hypotonic stress-induced stimulation of \hat{I}^2 - and \hat{I}^3 -ENaC expression in renal epithelium. Biochemical and Biophysical Research Communications, 2007, 358, 819-824.	2.1	33
16	Aldosterone-induced modification of osmoregulated ENaC trafficking. Biochemical and Biophysical Research Communications, 2007, 361, 162-168.	2.1	17
17	Genomic effect of hypotonic stress on Na ⁺ reabsorption through Ca ²⁺ /calmodulin-dependent SCK1 induction in renal epithelial A6 cells. FASEB Journal, 2007, 21, .	0.5	0
18	Ion-selective modification of paracellular conductance by the water fluxes. FASEB Journal, 2007, 21, A542.	0.5	1

#	ARTICLE	IF	CITATIONS
19	The role of intracellular Cl ⁻ concentration in cell proliferation. FASEB Journal, 2006, 20, A1460.	0.5	1
20	Receptor tyrosine kinases-mediated mechanism in hypotonicity-provoked Na ⁺ reabsorption in renal epithelial A6 cells. FASEB Journal, 2006, 20, A346.	0.5	0
21	Hypotonicity stimulates Na ⁺ reabsorption through activation of src kinase by decreasing cytosolic Cl ⁻ concentration. FASEB Journal, 2006, 20, A346.	0.5	0
22	Involvement of cytosolic Cl ⁻ in osmoregulation of ENaC gene expression. American Journal of Physiology - Renal Physiology, 2004, 287, F932-F939.	2.7	55
23	Cross talk of cAMP and flavone in regulation of cystic fibrosis transmembrane conductance regulator (CFTR) Cl ⁻ channel and Na ⁺ /K ⁺ /2Cl ⁻ cotransporter in renal epithelial A6 cells. Biochemical Pharmacology, 2004, 67, 795-801.	4.4	21
24	Activation of CFTR Cl ⁻ channel by tyrphostins via a protein tyrosine kinase-independent pathway in forskolin-stimulated renal epithelial A6 cells. Life Sciences, 2002, 71, 1199-1207.	4.3	5
25	Ion Transport in the Lung Alveolar Epithelium.. Membrane, 2002, 27, 221-232.	0.0	0
26	Beta agonist regulation of sodium transport in fetal lung epithelium: roles of cell volume, cytosolic chloride and protein tyrosine kinase. Journal of Korean Medical Science, 2000, 15, S42.	2.5	8