

M Soleimani

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,901
citations

394421

19
h-index

552781

26
g-index

30
all docs

30
docs citations

30
times ranked

2906
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal and intestinal absorptive defects in mice lacking the NHE3 Na ⁺ /H ⁺ exchanger. Nature Genetics, 1998, 19, 282-285.	21.4	751
2	ZIP8, Member of the Solute-Carrier-39 (SLC39) Metal-Transporter Family: Characterization of Transporter Properties. Molecular Pharmacology, 2006, 70, 171-180.	2.3	309
3	Slc39a14 Gene Encodes ZIP14, A Metal/Bicarbonate Symporter: Similarities to the ZIP8 Transporter. Molecular Pharmacology, 2008, 73, 1413-1423.	2.3	299
4	Pendrin: an apical Cl ⁻ /OH ⁻ /HCO ₃ ⁻ exchanger in the kidney cortex. American Journal of Physiology - Renal Physiology, 2001, 280, F356-F364.	2.7	260
5	CFTR versus ZIP8 uptake by the Zn ²⁺ symporter: Kinetics, electrogenicity and trafficking. Biochemical and Biophysical Research Communications, 2011, 405, 115-119.	2.1	156
6	CFTR drives Na ⁺ -n HCO ₃ ⁻ cotransport in pancreatic duct cells: a basis for defective HCO ₃ ⁻ secretion in CF. American Journal of Physiology - Cell Physiology, 1999, 276, C16-C25.	4.6	119
7	Double knockout of pendrin and Na-Cl cotransporter (NCC) causes severe salt wasting, volume depletion, and renal failure. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13368-13373.	7.1	107
8	Fructose-induced hypertension: essential role of chloride and fructose absorbing transporters PAT1 and Glut5. Kidney International, 2008, 74, 438-447.	5.2	103
9	Deletion of the chloride transporter Slc26a9 causes loss of tubulovesicles in parietal cells and impairs acid secretion in the stomach. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17955-17960.	7.1	94
10	Na ⁺ :HCO ₃ ⁻ Cotransporters (NBC): Cloning and Characterization. Journal of Membrane Biology, 2001, 183, 71-84.	2.1	85
11	SLC26A9-mediated chloride secretion prevents mucus obstruction in airway inflammation. Journal of Clinical Investigation, 2012, 122, 3629-3634.	8.2	83
12	Deletion of the Chloride Transporter Slc26a7 Causes Distal Renal Tubular Acidosis and Impairs Gastric Acid Secretion. Journal of Biological Chemistry, 2009, 284, 29470-29479.	3.4	78
13	Physiologic and molecular aspects of the Na ⁺ :HCO ₃ ⁻ cotransporter in health and disease processes. Kidney International, 2000, 57, 371-384.	5.2	62
14	Early polyuria and urinary concentrating defect in potassium deprivation. American Journal of Physiology - Renal Physiology, 2000, 279, F655-F663.	2.7	58
15	Role of PDZK1 in membrane expression of renal brush border ion exchangers. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13331-13336.	7.1	57
16	Dietary fructose, salt absorption and hypertension in metabolic syndrome: towards a new paradigm. Acta Physiologica, 2011, 201, 55-62.	3.8	52
17	CFTR and its key role in <i>in vivo</i> resting and luminal acid-induced duodenal HCO ₃ ⁻ secretion. Acta Physiologica, 2008, 193, 357-365.	3.8	51
18	Epithelial Anion Transporter Pendrin Contributes to Inflammatory Lung Pathology in Mouse Models of Bordetella pertussis Infection. Infection and Immunity, 2014, 82, 4212-4221.	2.2	48

#	ARTICLE	IF	CITATIONS
19	SLC26 Cl ⁻ /HCO ₃ ⁻ exchangers in the kidney: roles in health and disease. <i>Kidney International</i> , 2013, 84, 657-666.	5.2	47
20	Molecular physiology of the renal chloride-formate exchanger. <i>Current Opinion in Nephrology and Hypertension</i> , 2001, 10, 677-683.	2.0	19
21	Deletion of the Cl ⁻ /HCO ₃ ⁻ exchanger pendrin downregulates calcium-absorbing proteins in the kidney and causes calcium wasting. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 1368-1379.	0.7	16
22	Effect of long-term hyperosmolality on the Na ⁺ /H ⁺ exchanger isoform NHE-3 in LLC-PK1 cells. <i>Kidney International</i> , 1998, 53, 423-431.	5.2	15
23	Regulation of the basolateral chloride/base exchangers AE1 and SLC26A7 in the kidney collecting duct in potassium depletion. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 3462-3470.	0.7	13
24	HOW CYSTIC FIBROSIS AFFECTS PANCREATIC DUCTAL BICARBONATE SECRETION. <i>Medical Clinics of North America</i> , 2000, 84, 641-655.	2.5	12
25	Functional and molecular properties of Na ⁺ :HCO ₃ ⁻ cotransporters (NBC). <i>Minerva Urologica e Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2003, 55, 131-40.	3.9	4
26	Impaired pancreatic ductal bicarbonate secretion in cystic fibrosis. <i>JOP: Journal of the Pancreas</i> , 2001, 2, 237-42.	1.5	3
27	508 ENHANCED SPERMINE/SPERMIDINE-N1-ACETYLTRANSFERASE EXPRESSION CONTRIBUTES TO CELLULAR DAMAGE IN CCL4 INDUCED HEPATOTOXIC INJURY. <i>Journal of Hepatology</i> , 2011, 54, S207-S208.	3.7	0
28	Dysregulation of Sphingolipid Metabolism in Pulmonary Lymphangioliomyomatosis (LAM)., 2019, , .		0