

Manoocher Soleimani

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

1,518
citations

23
h-index

38
g-index

67
ext. papers

1,807
ext. citations

5.1
avg, IF

5.1
L-index

#	Paper	IF	Citations
60	Segmental differences in Slc26a3-dependent Cl absorption and HCO secretion in the mouse large intestine in vitro in Ussing chambers. <i>Journal of Physiological Sciences</i> , 2021 , 71, 5	2.3	1
59	Kidney intercalated cells and the transcription factor FOXi1 drive cystogenesis in tuberous sclerosis complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
58	Acute Kidney Injury in SARS-CoV-2 Infection: Direct Effect of Virus on Kidney Proximal Tubule Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	37
57	Carbonic anhydrase II does not regulate nitrite-dependent nitric oxide formation and vasodilation. <i>British Journal of Pharmacology</i> , 2020 , 177, 898-911	8.6	5
56	Ablation of polyamine catabolic enzymes provokes Purkinje cell damage, neuroinflammation, and severe ataxia. <i>Journal of Neuroinflammation</i> , 2020 , 17, 301	10.1	2
55	Mechanism of Thiazide Diuretic Arterial Pressure Reduction: The Search Continues. <i>Frontiers in Pharmacology</i> , 2019 , 10, 815	5.6	8
54	Polyamine Catabolism in Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
53	Effect of renal tubule-specific knockdown of the Na/H exchanger NHE3 in Akita diabetic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, F419-F434	4.3	31
52	Tuberous sclerosis complex exhibits a new renal cystogenic mechanism. <i>Physiological Reports</i> , 2019 , 7, e13983	2.6	10
51	Lack of thiazide diuretic inhibition of agonist constriction of mouse mesenteric arterioles ex vivo. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019 , 392, 117-121	3.4	2
50	Spermidine/spermine N1-acetyltransferase-mediated polyamine catabolism regulates beige adipocyte biogenesis. <i>Metabolism: Clinical and Experimental</i> , 2018 , 85, 298-304	12.7	18
49	Urine Ammonium, Metabolic Acidosis and Progression of Chronic Kidney Disease. <i>Nephron</i> , 2018 , 138, 222-228	3.3	9
48	Probenecid Pre-treatment Downregulates the Kidney Cl/HCO Exchanger (Pendrin) and Potentiates Hydrochlorothiazide-Induced Diuresis. <i>Frontiers in Physiology</i> , 2018 , 9, 849	4.6	6
47	Homozygous loss-of-function mutations in SLC26A7 cause goitrous congenital hypothyroidism. <i>JCI Insight</i> , 2018 , 3,	9.9	25
46	Slc4a8 in the Kidney: Expression, Subcellular Localization and Role in Acid Base Homeostasis and Salt Reabsorption. <i>FASEB Journal</i> , 2018 , 32, 750.18	0.9	
45	Tubular NHE3 is a determinant of the acute natriuretic and chronic blood pressure lowering effect of the SGLT2 inhibitor empagliflozin. <i>FASEB Journal</i> , 2018 , 32, 620.17	0.9	6
44	Thiazide Therapy in Chronic Kidney Disease: Renal and Extra Renal Targets. <i>Current Drug Metabolism</i> , 2018 , 19, 1012-1020	3.5	7

43	Vascular contractile reactivity in hypotension due to reduced renal reabsorption of Na and restricted dietary Na. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017 , 390, 321-326	3.4	3
42	Renal tubular NHE3 is required in the maintenance of water and sodium chloride homeostasis. <i>Kidney International</i> , 2017 , 92, 397-414	9.9	38
41	Ablation of the Cl-/HCO3- Exchanger Pendrin Enhances Hydrochlorothiazide-Induced Diuresis. <i>Kidney and Blood Pressure Research</i> , 2017 , 42, 444-455	3.1	4
40	The non-diuretic hypotensive effects of thiazides are enhanced during volume depletion states. <i>PLoS ONE</i> , 2017 , 12, e0181376	3.7	5
39	Activation of endoplasmic reticulum stress response by enhanced polyamine catabolism is important in the mediation of cisplatin-induced acute kidney injury. <i>PLoS ONE</i> , 2017 , 12, e0184570	3.7	19
38	Deletion of and Delays Enamel Mineralization in Mice. <i>Frontiers in Physiology</i> , 2017 , 8, 307	4.6	3
37	The Role of Epithelial Sodium Channel ENaC and the Apical Cl-/HCO3- Exchanger Pendrin in Compensatory Salt Reabsorption in the Setting of Na-Cl Cotransporter (NCC) Inactivation. <i>PLoS ONE</i> , 2016 , 11, e0150918	3.7	9
36	SLC26A11 (KBAT) in Purkinje Cells Is Critical for Inhibitory Transmission and Contributes to Locomotor Coordination. <i>ENeuro</i> , 2016 , 3,	3.9	12
35	Prostaglandin-E2 Mediated Increase in Calcium and Phosphate Excretion in a Mouse Model of Distal Nephron Salt Wasting. <i>PLoS ONE</i> , 2016 , 11, e0159804	3.7	3
34	Caffeine-induced diuresis and natriuresis is independent of renal tubular NHE3. <i>American Journal of Physiology - Renal Physiology</i> , 2015 , 308, F1409-20	4.3	30
33	The multiple roles of pendrin in the kidney. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, 1257-66	4.3	28
32	Insulin resistance and hypertension: new insights. <i>Kidney International</i> , 2015 , 87, 497-9	9.9	71
31	SLC26A Gene Family Participate in pH Regulation during Enamel Maturation. <i>PLoS ONE</i> , 2015 , 10, e0144703	3.7	21
30	The distinct roles of anion transporters Slc26a3 (DRA) and Slc26a6 (PAT-1) in fluid and electrolyte absorption in the murine small intestine. <i>Pflugers Archiv European Journal of Physiology</i> , 2014 , 466, 1541-56	4.6	42
29	Slc26a7 chloride channel activity and localization in mouse Reissner's membrane epithelium. <i>PLoS ONE</i> , 2014 , 9, e97191	3.7	17
28	Proximal tubule epithelial cell specific ablation of the spermidine/spermine N1-acetyltransferase gene reduces the severity of renal ischemia/reperfusion injury. <i>PLoS ONE</i> , 2014 , 9, e110161	3.7	12
27	Epithelial anion transporter pendrin contributes to inflammatory lung pathology in mouse models of Bordetella pertussis infection. <i>Infection and Immunity</i> , 2014 , 82, 4212-21	3.7	40
26	Absence of Slc26a9 results in altered tracheobronchial anion transport and high mortality in neonate mice (1181.7). <i>FASEB Journal</i> , 2014 , 28, 1181.7	0.9	

25	The chloride channel/transporter Slc26a9 regulates the systemic arterial pressure and renal chloride excretion. <i>Journal of Molecular Medicine</i> , 2013 , 91, 561-72	5.5	21
24	SLC26 Cl-/HCO ₃ ⁻ exchangers in the kidney: roles in health and disease. <i>Kidney International</i> , 2013 , 84, 657-66	9.9	36
23	Slc26a11 is prominently expressed in the brain and functions as a chloride channel: expression in Purkinje cells and stimulation of V H ⁺ -ATPase. <i>Pflugers Archiv European Journal of Physiology</i> , 2013 , 465, 1583-97	4.6	21
22	Double knockout of carbonic anhydrase II (CAII) and Na ⁽⁺⁾ -Cl ⁽⁻⁾ cotransporter (NCC) causes salt wasting and volume depletion. <i>Cellular Physiology and Biochemistry</i> , 2013 , 32, 173-83	3.9	12
21	Potential of the effect of thiazide derivatives by carbonic anhydrase inhibitors: molecular mechanisms and potential clinical implications. <i>PLoS ONE</i> , 2013 , 8, e79327	3.7	30
20	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, 1368-79	4.3	15
19	The Author Replies. <i>Kidney International</i> , 2012 , 81, 1043	9.9	0
18	Double knockout of pendrin and Na-Cl cotransporter (NCC) causes severe salt wasting, volume depletion, and renal failure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 13368-73	11.5	91
17	The Role of Stathmin, a Regulator of Mitosis, in Hematopoiesis. <i>Blood</i> , 2012 , 120, 3453-3453	2.2	1
16	A novel target for diuretic therapy. <i>Iranian Journal of Kidney Diseases</i> , 2012 , 6, 419-25	0.9	4
15	The role of salt in the pathogenesis of fructose-induced hypertension. <i>International Journal of Nephrology</i> , 2011 , 2011, 392708	1.7	14
14	Slc26a11, a chloride transporter, localizes with the vacuolar H ⁽⁺⁾ -ATPase of A-intercalated cells of the kidney. <i>Kidney International</i> , 2011 , 80, 926-937	9.9	47
13	Regulation of Cl ⁻ /HCO ₃ ⁻ Exchange in the Lower Villous Epithelium of Murine Duodenum. <i>FASEB Journal</i> , 2010 , 24, 815.10	0.9	
12	Spermidine/spermine-N1-acetyltransferase ablation protects against liver and kidney ischemia-reperfusion injury in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 296, G899-909	5.1	26
11	The role of SLC26A6-mediated chloride/oxalate exchange in causing susceptibility to nephrolithiasis. <i>Journal of Physiology</i> , 2008 , 586, 1205-6	3.9	8
10	Deletion of the chloride transporter Slc26a9 causes loss of tubulovesicles in parietal cells and impairs acid secretion in the stomach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 17955-60	11.5	82
9	Chloride/bicarbonate exchanger SLC26A7 is localized in endosomes in medullary collecting duct cells and is targeted to the basolateral membrane in hypertonicity and potassium depletion. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, 956-67	12.7	35
8	SLC26 chloride/base exchangers in the kidney in health and disease. <i>Seminars in Nephrology</i> , 2006 , 26, 375-85	4.8	39

7	Expression of SSAT, a novel biomarker of tubular cell damage, increases in kidney ischemia-reperfusion injury. <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, F1046-55	4-3	64
6	Na ⁺ :HCO ₃ ⁻ cotransporters (NBC): expression and regulation in the kidney. <i>Journal of Nephrology</i> , 2002 , 15 Suppl 5, S32-40	4-8	7
5	Renal salt wasting in mice lacking NHE3 Na ⁺ /H ⁺ exchanger but not in mice lacking NHE2. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 281, F718-27	4-3	68
4	Pendrin: an apical Cl ⁻ /OH ⁻ /HCO ₃ ⁻ exchanger in the kidney cortex. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 280, F356-64	4-3	224
3	Downregulated in adenoma and putative anion transporter are regulated by CFTR in cultured pancreatic duct cells. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 281, G1301-8	5-1	71
2	Fasting downregulates renal water channel AQP2 and causes polyuria. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 280, F513-23	4-3	27
1	CFTR upregulates the expression of the basolateral Na ⁽⁺⁾ -K ⁽⁺⁾ -2Cl ⁽⁻⁾ cotransporter in cultured pancreatic duct cells. <i>American Journal of Physiology - Cell Physiology</i> , 1999 , 277, C1100-10	5-4	37