

# Pablo A Ortiz

## List of Publications by Year in descending order

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76  
papers

2,526  
citations

172457

29  
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214800

47  
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82  
all docs

82  
docs citations

82  
times ranked

1861  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased tubuloglomerular feedback response in high-fat diet-induced obesity. American Journal of Physiology - Renal Physiology, 2022, 322, F429-F436.	2.7	8
2	Gut microbiota depletion with antibiotics enhances fructose induced salt-sensitive hypertension in normal rats. FASEB Journal, 2022, 36, .	0.5	0
3	The FSGS protein Actinin-4 (ACTN4) is expressed in Thick Ascending Limbs and interacts with NKCC2 and ALMS1 to regulate NKCC2 trafficking. FASEB Journal, 2021, 35, .	0.5	0
4	High SARS-CoV-2 Viral Load in Urine Sediment Correlates with Acute Kidney Injury and Poor COVID-19 Outcome. Journal of the American Society of Nephrology: JASN, 2021, 32, 2517-2528.	6.1	30
5	The deleterious role of the prostaglandin E <sub>2</sub> EP <sub>3</sub> receptor in angiotensin II hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H867-H882.	3.2	15
6	The FSGS protein Actinin-4 (ACTN4) is expressed in Thick Ascending Limbs and interacts with NKCC2 and ALMS1 to regulate NKCC2 trafficking.. FASEB Journal, 2020, 34, 1-1.	0.5	0
7	RNAseq in fat pads from Alstrom syndrome 1 (ALMS1) Knockout rats support a role for ALMS1 in leptin release and fat metabolism in adipocytes.. FASEB Journal, 2020, 34, 1-1.	0.5	0
8	Evaluation of a genetically encoded Cl <sup>-</sup> and pH sensor (ClopHensor) for monitoring intragranular Cl <sup>-</sup> in renal endocrine juxtaglomerular (JG) cells.. FASEB Journal, 2020, 34, 1-1.	0.5	0
9	Superoxide increases surface NKCC2 in the rat thick ascending limbs via PKC. American Journal of Physiology - Renal Physiology, 2019, 317, F99-F106.	2.7	3
10	Molecular regulation of NKCC2 in blood pressure control and hypertension. Current Opinion in Nephrology and Hypertension, 2019, 28, 474-480.	2.0	14
11	Fructose acutely stimulates NKCC2 activity in rat thick ascending limbs by increasing surface NKCC2 expression. American Journal of Physiology - Renal Physiology, 2019, 316, F550-F557.	2.7	16
12	Urinary concentrating defect in mice lacking Epac1 or Epac2. FASEB Journal, 2019, 33, 2156-2170.	0.5	7
13	Monitoring Hydrogen Peroxide (H <sub>2</sub> O <sub>2</sub> ) in live kidneys by Multiphoton Microscopy and genetically encoded probes. FASEB Journal, 2019, 33, .	0.5	0
14	ALMS1 deletion in rats causes hyperleptinemia, progressive obesity, and renal damage. FASEB Journal, 2019, 33, 867.4.	0.5	0
15	Abstract 079: Elevated Fructose Intake Induces Hypertension in Dahl Salt Sensitive (SS) Rats on a Normal Na Diet: Role of SPAK (STK39) and NKCC2. Hypertension, 2019, 74, .	2.7	0
16	Role of Alström syndrome 1 in the regulation of blood pressure and renal function. JCI Insight, 2018, 3, .	5.0	21
17	Single-molecule labeling for studying trafficking of renal transporters. American Journal of Physiology - Renal Physiology, 2018, 315, F1243-F1249.	2.7	1
18	SPAK (Stk39) is Involved in NKCC2 Phosphorylation and Salt-sensitive Hypertension in Dahl Salt-sensitive Rats. FASEB Journal, 2018, 32, 620.9.	0.5	0

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19	Abstract 004: Caloric Restriction Prevents the Increase in Body Weight but not Hypertension in ALMS1 (Alström syndrome 1) Knockout Rat. Hypertension, 2018, 72, .	2.7	0
20	Abstract 065: Enhanced Glomerular Capillary Pressure and Tubuloglomerular Feedback (tgf) in Obese Alms1 (alstrom Syndrome 1) Knock Out Rats. Hypertension, 2018, 72, .	2.7	0
21	Moderate (20%) fructose-enriched diet stimulates salt-sensitive hypertension with increased salt retention and decreased renal nitric oxide. Physiological Reports, 2017, 5, e13162.	1.7	43
22	Abstract 103: Decreased Ability to Excrete a Na Load and Hypertension in the ALMS1 (Alstrom Syndrome) Tj ETQq0,0,0 rgBT 0 Overlock 1	2.7	0
23	Vesicle-associated Membrane Protein 3 (VAMP3) Mediates Constitutive Trafficking of the Renal Co-transporter NKCC2 in Thick Ascending Limbs. Journal of Biological Chemistry, 2016, 291, 22063-22073.	3.4	16
24	K <sup>+</sup> -Mediated Regulation of Distal Convoluted Tubule Na/Cl Cotransporter Phosphorylation During Angiotensin II-Induced Hypertension. Hypertension, 2016, 68, 853-854.	2.7	1
25	Angiotensin II-mediated hypertension impairs nitric oxide-induced NKCC2 inhibition in thick ascending limbs. American Journal of Physiology - Renal Physiology, 2016, 310, F748-F754.	2.7	22
26	Real-time monitoring of NKCC2 endocytosis by total internal reflection fluorescence (TIRF) microscopy. American Journal of Physiology - Renal Physiology, 2016, 310, F183-F191.	2.7	15
27	Direct renal effects of a fructose-enriched diet: interaction with high salt intake. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1078-R1081.	1.8	20
28	Decreased Surface NKCC2 Expression and Increased Urinary Excretion of Water and Ions in VAMP3 Knockout Mice. FASEB Journal, 2015, 29, 666.19.	0.5	0
29	Vesicle-associated Membrane Protein 2 (VAMP2) but Not VAMP3 Mediates cAMP-stimulated Trafficking of the Renal Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> Co-transporter NKCC2 in Thick Ascending Limbs. Journal of Biological Chemistry, 2014, 289, 23951-23962.	3.4	25
30	Fructose Stimulates Na/H Exchange Activity and Sensitizes the Proximal Tubule to Angiotensin II. Hypertension, 2014, 63, e68-73.	2.7	68
31	VAMP3 mediates NKCC2 trafficking in thick ascending limbs and is required for normal renal function and blood pressure. FASEB Journal, 2013, 27, 1210.4.	0.5	0
32	NO-induced increases in cGMP and inhibition of NKCC2 activity are blunted in thick ascending limbs from angiotensin II-hypertensive rats. FASEB Journal, 2013, 27, lb867.	0.5	0
33	Enhanced sensitivity of NKCC2 to $\beta_2$ -adrenergic receptor stimulation in TALs from Dahl salt sensitive (DSS) rats. FASEB Journal, 2013, 27, 910.2.	0.5	0
34	Hyperphosphorylation of Na-K-2Cl Cotransporter in Thick Ascending Limbs of Dahl Salt-Sensitive Rats. Hypertension, 2012, 60, 1464-1470.	2.7	20
35	Dynamin2, Clathrin, and Lipid Rafts Mediate Endocytosis of the Apical Na/K/2Cl Cotransporter NKCC2 in Thick Ascending Limbs. Journal of Biological Chemistry, 2012, 287, 37824-37834.	3.4	43
36	$\beta_2$ -Adrenergic receptor stimulation increases surface NKCC2 expression in rat thick ascending limbs in a process inhibited by phosphodiesterase 4. American Journal of Physiology - Renal Physiology, 2012, 303, F1307-F1314.	2.7	17

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37	<i>In Vivo</i> and <i>Ex Vivo</i> Analysis of Tubule Function. , 2012, 2, 2495-2525.		12
38	Regulation of Renal NaCl Transport by Nitric Oxide, Endothelin, and ATP: Clinical Implications. Annual Review of Physiology, 2011, 73, 359-376.	13.1	86
39	Molecular regulation of NKCC2 in the thick ascending limb. American Journal of Physiology - Renal Physiology, 2011, 301, F1143-F1159.	2.7	147
40	SUPEROXIDE INCREASES SURFACE NKCC2 EXPRESSION IN RAT THICK ASCENDING LIMBS. FASEB Journal, 2011, 25, 1041.20.	0.5	0
41	Clathrin-mediated NKCC2 endocytosis in thick ascending limbs (THALs). FASEB Journal, 2011, 25, .	0.5	0
42	Constitutive endocytosis and recycling of NKCC2 in rat thick ascending limbs. American Journal of Physiology - Renal Physiology, 2010, 299, F1193-F1202.	2.7	30
43	Caveolin-1 mediates constitutive NKCC2 endocytosis in thick ascending limbs. FASEB Journal, 2010, 24, 606.21.	0.5	0
44	Vesicle associated membrane protein (VAMP) 3 but not VAMP2 is involved in NKCC2 apical targeting and processing in thick ascending limbs (TALs). FASEB Journal, 2010, 24, 606.32.	0.5	0
45	cAMP Stimulates Apical Exocytosis of the Renal Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> Cotransporter NKCC2 in the Thick Ascending Limb. Journal of Biological Chemistry, 2009, 284, 24965-24971.	3.4	73
46	Endothelin-1 Inhibits Thick Ascending Limb Transport via Akt-stimulated Nitric Oxide Production. Journal of Biological Chemistry, 2009, 284, 1454-1460.	3.4	57
47	Calcium-dependent phosphodiesterase 1C inhibits renin release from isolated juxtaglomerular cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1469-R1476.	1.8	34
48	B $\beta$ -methyl $\alpha$ -cyclodextrin (B $\beta$ -methyl $\alpha$ -CD) blocks constitutive NKCC2 endocytosis, increases surface NKCC2 and stimulates net NaCl absorption in Thick Ascending Limbs.. FASEB Journal, 2009, 23, 602.18.	0.5	0
49	Constitutive endocytosis of NKCC2 in thick ascending limbs is dynamin dependent. FASEB Journal, 2009, 23, 796.39.	0.5	0
50	cGMP decreases surface NKCC2 levels in the thick ascending limb: role of phosphodiesterase 2 (PDE2). American Journal of Physiology - Renal Physiology, 2008, 295, F877-F887.	2.7	43
51	dDAVP increases surface NKCC2 levels via activation of PKA in rat thick ascending limbs. FASEB Journal, 2008, 22, 1158.16.	0.5	0
52	Adenylyl Cyclase Isoform V Mediates Renin Release From Juxtaglomerular Cells. Hypertension, 2007, 49, 618-624.	2.7	54
53	Expression and Function of the Calcium-Sensing Receptor in Juxtaglomerular Cells. Hypertension, 2007, 50, 737-743.	2.7	55
54	Decreased Intracellular Calcium Stimulates Renin Release via Calcium-Inhibitible Adenylyl Cyclase. Hypertension, 2007, 49, 162-169.	2.7	69

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55	Juxtaglomerular cells use calcium-sensing receptors to mediate calcium regulation of renin release. <i>FASEB Journal</i> , 2007, 21, A1251.	0.5	0
56	Superoxide Stimulates NaCl Absorption in the Thick Ascending Limb Via Activation of Protein Kinase C. <i>Hypertension</i> , 2006, 48, 467-472.	2.7	76
57	cAMP increases surface expression of NKCC2 in rat thick ascending limbs: role of VAMP. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F608-F616.	2.7	96
58	Regulation of thick ascending limb transport: role of nitric oxide. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 290, F1279-F1284.	2.7	63
59	Superoxide stimulates PKC activity in the thick ascending limb. <i>FASEB Journal</i> , 2006, 20, A336.	0.5	0
60	Decreased intracellular calcium stimulates cAMP and renin release from isolated juxtaglomerular (JG) cells. <i>FASEB Journal</i> , 2006, 20, A344.	0.5	0
61	A small fraction of total NKCC2 is located in the apical membrane of thick ascending limbs under basal conditions. <i>FASEB Journal</i> , 2006, 20, .	0.5	0
62	Luminal flow induces eNOS activation and translocation in the rat thick ascending limb. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, F274-F280.	2.7	66
63	Luminal flow induces eNOS activation and translocation in the rat thick ascending limb. II. Role of PI3-kinase and Hsp90. <i>American Journal of Physiology - Renal Physiology</i> , 2004, 287, F281-F288.	2.7	39
64	Nitric Oxide (NO) Modulation of Cl-Dependent Transporters in the Kidney. , 2004, 559, 147-156.		2
65	An in vivo method for adenovirus-mediated transduction of thick ascending limbs. <i>Kidney International</i> , 2003, 63, 1141-1149.	5.2	34
66	High-Salt Diet Increases Sensitivity to NO and eNOS Expression But Not NO Production in THALs. <i>Hypertension</i> , 2003, 41, 682-687.	2.7	30
67	Gene Transfer of eNOS to the Thick Ascending Limb of eNOS-KO Mice Restores the Effects of L-Arginine on NaCl Absorption. <i>Hypertension</i> , 2003, 42, 674-679.	2.7	66
68	Cardiovascular and renal control in NOS-deficient mouse models. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 284, R628-R638.	1.8	126
69	Interaction of O <sub>2</sub> <sup>•-</sup> and NO in the Thick Ascending Limb. <i>Hypertension</i> , 2002, 39, 591-596.	2.7	86
70	Role of nitric oxide in the regulation of nephron transport. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 282, F777-F784.	2.7	227
71	Superoxide stimulates NaCl absorption by the thick ascending limb. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, F957-F962.	2.7	125
72	NO decreases thick ascending limb chloride absorption by reducing Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> cotransporter activity. <i>American Journal of Physiology - Renal Physiology</i> , 2001, 281, F819-F825.	2.7	114

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73	NO Inhibits NaCl Absorption by Rat Thick Ascending Limb Through Activation of cGMP-Stimulated Phosphodiesterase. Hypertension, 2001, 37, 467-471.	2.7	88
74	Intrarenal Transport and Vasoactive Substances in Hypertension. Hypertension, 2001, 38, 621-624.	2.7	83
75	NO decreases thick ascending limb chloride absorption by reducing Na <sup>+</sup> -K <sup>+</sup> -2Cl <sup>-</sup> cotransporter activity. American Journal of Physiology - Renal Physiology, 2001, 281, F819-F825.	2.7	99
76	Autocrine effects of nitric oxide on HCO <sub>3</sub> <sup>-</sup> transport by rat thick ascending limb. Kidney International, 2000, 58, 2069-2074.	5.2	40