Adriana C Girardi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8959949/publications.pdf

Version: 2024-02-01

88 papers	2,425 citations	218592 26 h-index	214721 47 g-index

90 all docs	90 docs citations	90 times ranked	2711 citing authors

#	Article	IF	Citations
1	Sexual Dimorphic Pattern of Renal Transporters and Electrolyte Homeostasis. Journal of the American Society of Nephrology: JASN, 2017, 28, 3504-3517.	3.0	202
2	Mechanisms mediating the diuretic and natriuretic actions of the incretin hormone glucagon-like peptide-1. American Journal of Physiology - Renal Physiology, 2011, 301, F355-F363.	1.3	193
3	Functional Role of Glucose Metabolism, Osmotic Stress, and Sodium-Glucose Cotransporter Isoform-Mediated Transport on Na+/H+ Exchanger Isoform 3 Activity in the Renal Proximal Tubule. Journal of the American Society of Nephrology: JASN, 2014, 25, 2028-2039.	3.0	149
4	Regulation of Na⁺/H⁺exchanger NHE3 by glucagon-like peptide 1 receptor agonist exendin-4 in renal proximal tubule cells. American Journal of Physiology - Renal Physiology, 2009, 297, F1647-F1655.	1.3	121
5	Dipeptidyl peptidase IV inhibition attenuates blood pressure rising in young spontaneously hypertensive rats. Journal of Hypertension, 2011, 29, 520-528.	0.3	105
6	Association of Na+-H+ Exchanger Isoform NHE3 and Dipeptidyl Peptidase IV in the Renal Proximal Tubule. Journal of Biological Chemistry, 2001, 276, 46671-46677.	1.6	104
7	Use of phospho-specific antibodies to determine the phosphorylation of endogenous Na+/H+ exchanger NHE3 at PKA consensus sites. American Journal of Physiology - Renal Physiology, 2005, 289, F249-F258.	1.3	102
8	Circulating Dipeptidyl Peptidase IV Activity Correlates With Cardiac Dysfunction in Human and Experimental Heart Failure. Circulation: Heart Failure, 2013, 6, 1029-1038.	1.6	98
9	Role of dipeptidyl peptidase IV in regulating activity of Na+/H+exchanger isoform NHE3 in proximal tubule cells. American Journal of Physiology - Cell Physiology, 2004, 287, C1238-C1245.	2.1	96
10	Dipeptidyl peptidase IV inhibition downregulates Na⁺-H⁺exchanger NHE3 in rat renal proximal tubule. American Journal of Physiology - Renal Physiology, 2008, 294, F414-F422.	1.3	86
11	Deciphering the mechanisms of the Na⁺/H⁺exchanger-3 regulation in organ dysfunction. American Journal of Physiology - Cell Physiology, 2012, 302, C1569-C1587.	2.1	68
12	The physiological role of glucagon-like peptide-1 in the regulation of renal function. American Journal of Physiology - Renal Physiology, 2016, 310, F123-F127.	1.3	68
13	Dipeptidyl peptidase IV inhibition upregulates GLUT4 translocation and expression in heart and skeletal muscle of spontaneously hypertensive rats. European Journal of Pharmacology, 2013, 698, 74-86.	1.7	60
14	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.	3.3	57
15	Increased NHE3 abundance and transport activity in renal proximal tubule of rats with heart failure. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R166-R174.	0.9	48
16	Empagliflozin Inhibits Proximal Tubule NHE3 Activity, Preserves GFR, and Restores Euvolemia in Nondiabetic Rats with Induced Heart Failure. Journal of the American Society of Nephrology: JASN, 2021, 32, 1616-1629.	3.0	46
17	Renal nerve stimulation leads to the activation of the Na⁺/H⁺exchanger isoform 3 via angiotensin II type I receptor. American Journal of Physiology - Renal Physiology, 2015, 308, F848-F856.	1.3	42
18	Chronic effect of parathyroid hormone on NHE3 expression in rat renal proximal tubules. Kidney International, 2000, 58, 1623-1631.	2.6	39

#	Article	IF	Citations
19	Posttranslational mechanisms associated with reduced NHE3 activity in adult vs. young prehypertensive SHR. American Journal of Physiology - Renal Physiology, 2010, 299, F872-F881.	1.3	38
20	Cardioprotection conferred by sodium-glucose cotransporter 2 inhibitors: a renal proximal tubule perspective. American Journal of Physiology - Cell Physiology, 2020, 318, C328-C336.	2.1	34
21	Crosstalk between the renal sympathetic nerve and intrarenal angiotensinÂII modulates proximal tubular sodium reabsorption. Experimental Physiology, 2015, 100, 502-506.	0.9	33
22	Endogenous Activation of Glucagon-Like Peptide-1 Receptor Contributes to Blood Pressure Control. Hypertension, 2020, 76, 839-848.	1.3	31
23	Afferent innervation of the ischemic kidney contributes to renal dysfunction in renovascular hypertensive rats. Pflugers Archiv European Journal of Physiology, 2020, 472, 325-334.	1.3	29
24	Angiotensin II counteracts the effects of cAMP/PKA on NHE3 activity and phosphorylation in proximal tubule cells. American Journal of Physiology - Cell Physiology, 2016, 311, C768-C776.	2.1	28
25	Renal Effects and Underlying Molecular Mechanisms of Long-Term Salt Content Diets in Spontaneously Hypertensive Rats. PLoS ONE, 2015, 10, e0141288.	1.1	28
26	Fructose Acutely Stimulates NHE3 Activity in Kidney Proximal Tubule. Kidney and Blood Pressure Research, 2012, 36, 320-334.	0.9	27
27	Amelioration of Cardiac Function and Activation of Anti-Inflammatory Vasoactive Peptides Expression in the Rat Myocardium by Low Level Laser Therapy. PLoS ONE, 2014, 9, e101270.	1.1	27
28	Role of CFTR and ClC-5 in Modulating Vacuolar H⁺-ATPase Activity in Kidney Proximal Tubule. Cellular Physiology and Biochemistry, 2010, 26, 563-576.	1.1	25
29	Cardioprotection Conferred by Sitagliptin Is Associated with Reduced Cardiac Angiotensin II/Angiotensin-(1-7) Balance in Experimental Chronic Kidney Disease. International Journal of Molecular Sciences, 2019, 20, 1940.	1.8	24
30	Mechanisms underlying the inhibitory effects of uroguanylin on NHE3 transport activity in renal proximal tubule. American Journal of Physiology - Renal Physiology, 2012, 303, F1399-F1408.	1.3	23
31	Vitamin D deficiency is a potential risk factor for contrast-induced nephropathy. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R215-R222.	0.9	23
32	Mechanisms underlying the long-term regulation of NHE3 by parathyroid hormone. American Journal of Physiology - Renal Physiology, 2008, 294, F1232-F1237.	1.3	20
33	Attenuated diuresis and natriuresis in response to glucagon-like peptide-1 in hypertensive rats are associated with lower expression of the glucagon-like peptide-1 receptor in the renal vasculature. European Journal of Pharmacology, 2017, 811, 38-47.	1.7	19
34	Long-term regulation of vacuolar H+-ATPase by angiotensin II in proximal tubule cells. Pflugers Archiv European Journal of Physiology, 2009, 458, 969-979.	1.3	18
35	Potential Role of Dipeptidyl Peptidase IV in the Pathophysiology of Heart Failure. International Journal of Molecular Sciences, 2015, 16, 4226-4249.	1.8	18
36	Proteome analysis of acute kidney injury â€“ Discovery of new predominantly renal candidates for biomarker of kidney disease. Journal of Proteomics, 2017, 151, 66-73.	1.2	18

#	Article	IF	Citations
37	Increased Dietary Salt Changes Baroreceptor Sensitivity and Intrarenal Reninâ€“Angiotensin System in Goldblatt Hypertension. American Journal of Hypertension, 2017, 30, 28-36.	1.0	16
38	Proximal tubule NHE3 activity is inhibited by beta-arrestin-biased angiotensin II type 1 receptor signaling. American Journal of Physiology - Cell Physiology, 2015, 309, C541-C550.	2.1	15
39	Dipeptidyl Peptidase IV Inhibition Exerts Renoprotective Effects in Rats with Established Heart Failure. Frontiers in Physiology, 2016, 7, 293.	1.3	15
40	Progression of microalbuminuria in SHR is associated with lower expression of critical components of the apical endocytic machinery in the renal proximal tubule. American Journal of Physiology - Renal Physiology, 2013, 305, F216-F226.	1.3	14
41	Metabolomic characterization of renal ischemia and reperfusion in a swine model. Life Sciences, 2016, 156, 57-67.	2.0	14
42	Stimulation of renal afferent fibers leads to activation of catecholaminergic and non-catecholaminergic neurons in the medulla oblongata. Autonomic Neuroscience: Basic and Clinical, 2017, 204, 48-56.	1.4	14
43	Upregulation of NHE3 is associated with compensatory cell growth response in young uninephrectomized rats. American Journal of Physiology - Renal Physiology, 2002, 283, F1296-F1303.	1.3	13
44	The contributions of dipeptidyl peptidase IV to inflammation in heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H1760-H1772.	1.5	13
45	Low-level laser therapy alleviates the deleterious effect of doxorubicin on rat adipose tissue-derived mesenchymal stem cells. Journal of Photochemistry and Photobiology B: Biology, 2019, 196, 111512.	1.7	12
46	AlteraÃ§Ãµes da ECA2 e Fatores de Risco para Gravidade da COVID-19 em Pacientes com Idade AvanÃ§ada. Arquivos Brasileiros De Cardiologia, 2020, 115, 701-707.	0.3	11
47	Allopurinol attenuates acute kidney injury following Bothrops jararaca envenomation. PLoS Neglected Tropical Diseases, 2017, 11, e0006024.	1.3	10
48	Changes in the activity and expression of protein phosphataseâ€1 accompany the differential regulation of <scp>NHE</scp>3 before and after the onset of hypertension in spontaneously hypertensive rats. Acta Physiologica, 2014, 211, 395-408.	1.8	9
49	Biological Context Linking Hypertension and Higher Risk for COVID-19 Severity. Frontiers in Physiology, 2020, 11, 599729.	1.3	9
50	Urinary DPP4 correlates with renal dysfunction, and DPP4 inhibition protects against the reduction in megalin and podocin expression in experimental CKD. American Journal of Physiology - Renal Physiology, 2021, 320, F285-F296.	1.3	9
51	Uroguanylin inhibits H-ATPase activity and surface expression in renal distal tubules by a PKG-dependent pathway. American Journal of Physiology - Cell Physiology, 2014, 307, C532-C541.	2.1	8
52	Reduced tubular proteinuria in hypertensive rats treated with losartan is associated with higher renal cortical megalin expression. Hormone Molecular Biology and Clinical Investigation, 2014, 18, 105-112.	0.3	8
53	Catheter-based induction of renal ischemia/reperfusion in swine: description of an experimental model. Physiological Reports, 2014, 2, e12150.	0.7	8
54	Role of low-level laser therapy on the cardiac remodeling after myocardial infarction: A systematic review of experimental studies. Life Sciences, 2016, 151, 109-114.	2.0	8

#	Article	IF	Citations
55	Exercise Training Potentiates The Cardioprotective Effects of Stem Cells Post-infarction. Heart Lung and Circulation, 2019, 28, 263-271.	0.2	8
56	Postprandial increase in glucagon-like peptide-1 is blunted in severe heart failure. Clinical Science, 2020, 134, 1081-1094.	1.8	7
57	Vitamin D deficiency is a potential risk factor for lipid Amphotericin B nephrotoxicity. PLoS Neglected Tropical Diseases, 2019, 13, e0007567.	1.3	6
58	Uncovering the pathway of sepsis-induced renal tubular dysfunction. Focus on â€œBasolateral LPS inhibits NHE3 and HCO₃^{â^'} absorption through TLR4/MyD88-dependent ERK activation in medullary thick ascending limbâ€• American Journal of Physiology - Cell Physiology, 2011, 301, C1290-C1292.	2.1	5
59	Distinct mechanisms underlie adaptation of proximal tubule Na+/H+ exchanger isoform 3 in response to chronic metabolic and respiratory acidosis. Pflugers Archiv European Journal of Physiology, 2012, 463, 703-714.	1.3	5
60	Influence of Long-Term Salt Diets on Cardiac Ca2+ Handling and Contractility Proteins in Hypertensive Rats. American Journal of Hypertension, 2018, 31, 726-734.	1.0	5
61	Unraveling the interplay between dipeptidyl peptidase 4 and the renin-angiotensin system in heart failure. Life Sciences, 2022, 305, 120757.	2.0	5
62	Swimming Training Improves Myocardial Mechanics, Prevents Fibrosis, and Alters Expression of Ca2+ Handling Proteins in Older Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 468-474.	1.7	4
63	Delayed Reperfusionâ€"Coronary Artery Reperfusion Close to Complete Myocardial Necrosis Benefits Remote Myocardium and Is Enhanced by Exercise. Frontiers in Physiology, 2019, 10, 157.	1.3	4
64	Empagliflozin Inhibits NHE3 Activity in the Proximal Tubule of Normotensive and Hypertensive Rats. FASEB Journal, 2018, 32, .	0.2	4
65	Sex differences in the lung ACE/ACE2 balance in hypertensive rats. Bioscience Reports, 2021, 41, .	1.1	4
66	Changes in the renal function after acute mercuric chloride exposure in the rat are associated with renal vascular endothelial dysfunction and proximal tubule NHE3 inhibition. Toxicology Letters, 2021, 341, 23-32.	0.4	2
67	The Angiotensin II Type 1 Receptor-Associated Protein Attenuates Angiotensin II-Mediated Inhibition of the Renal Outer Medullary Potassium Channel in Collecting Duct Cells. Frontiers in Physiology, 2021, 12, 642409.	1.3	2
68	High blood pressure induced by vitamin D deficiency is associated with renal overexpression and hyperphosphorylation of Na+-K+-2Cl- cotransporter type 2. Journal of Hypertension, 2021, 39, 880-891.	0.3	2
69	Paracrine and endocrine regulation of renal potassium secretion. American Journal of Physiology - Renal Physiology, 2022, , .	1.3	2
70	Effects of renal denervation on renal function and sodium transporters in Goldblatt model of hypertension. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 116.	1.4	1
71	The potential role of myosin motor proteins in mediating the subcellular distribution of NHE3 in the renal proximal tubule. American Journal of Physiology - Renal Physiology, 2019, 316, F986-F992.	1.3	1
72	Antiproteinuric and Hyperkalemic Mechanisms Activated by Dual Versus Single Blockade of the RAS in Renovascular Hypertensive Rats. Frontiers in Physiology, 2021, 12, 656460.	1.3	1

#	Article	IF	Citations
73	Editorial: The Tribute of Physiology for the Understanding of COVID-19 Disease. Frontiers in Physiology, 2021, 12, 761644.	1.3	1
74	The inhibitory effect of the glucagonâ€like peptideâ€1 analog exendinâ€4 on NHE3 activity in proximal tubule cells is mediated by both PKA and EPAC signaling pathways. FASEB Journal, 2009, 23, 602.12.	0.2	1
75	Renoprotective effects of long-term low salt diet in spontaneously hypertensive rats is associated with higher renal cubilin expression. Journal of the American Society of Hypertension, 2015, 9, e81.	2.3	0
76	Empagliflozin Downregulates Renal NHE3 Activity and NaPiâ€2 Expression and Reduces Blood Pressure in Hypertensive Rats. FASEB Journal, 2021, 35, .	0.2	0
77	Modulation of Proximal Tubule Sodiumâ€Proton Exchanger NHE3 by the Glucagonâ€Like Peptide 1 Analog Exendinâ€4. FASEB Journal, 2008, 22, 1158.5.	0.2	0
78	Dipeptidyl Peptidase IV Inhibition Attenuates Blood Pressure Rising in Young Spontaneously Hypertensive Rats (SHR). FASEB Journal, 2010, 24, 982.5.	0.2	0
79	SALT RETENTION IN HEART FAILURE IS ASSOCIATED WITH UPREGULATION OF NHE3 IN RENAL PROXIMAL TUBULE. FASEB Journal, 2011, 25, 1041.4.	0.2	0
80	Development and progression of microalbuminuria in spontaneously hypertensive rats. FASEB Journal, 2011, 25, 665.28.	0.2	0
81	Fructose as a modulator of proximal tubule (PT) H+ transport. FASEB Journal, 2012, 26, 867.25.	0.2	0
82	Differential responses of proximal tubule Na+/H+ exchanger NHE3 to low pH: comparison between metabolic and respiratory acidosis. FASEB Journal, 2012, 26, 689.5.	0.2	0
83	Regulation of Na+/H+ Exchanger Isoform 3 by Protein Kinase A in the Renal Proximal Tubule. , 0, , .		0
84	The glucagonâ€like peptideâ€1 receptor antagonist exendinâ€9 elevates blood pressure and worsens renal function in SHR (1136.18). FASEB Journal, 2014, 28, 1136.18.	0.2	0
85	Role of Myosins II and VI in Mediating Hormonal Regulation of NHE3 Activity in the Rat Renal Proximal Tubule. FASEB Journal, 2018, 32, 620.19.	0.2	0
86	AT1Râ€Associated Protein (ATRAP) Inhibits Angiotensin IIâ€Mediated Downregulation of ROMK Channels in Collecting Duct Cells. FASEB Journal, 2018, 32, 620.18.	0.2	0
87	Empagliflozin Reduces Arrhythmic Events and Improves Ca²⁺ Transient in Hypoxiaâ€induced Injury Rat Cardiomyocytes. FASEB Journal, 2020, 34, 1-1.	0.2	0
88	Empagliflozin Prevents Renal Dysfunction and Inhibits Proximal Tubule NHE3 Activity in Nondiabetic Heart Failure Rats. FASEB Journal, 2020, 34, 1-1.	0.2	0