

Adriana C Girardi

List of Publications by Year in descending order

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88
papers

2,425
citations

218381

26
h-index

214527

47
g-index

90
all docs

90
docs citations

90
times ranked

2711
citing authors

#	ARTICLE	IF	CITATIONS
1	Paracrine and endocrine regulation of renal potassium secretion. American Journal of Physiology - Renal Physiology, 2022, , .	1.3	2
2	Unraveling the interplay between dipeptidyl peptidase 4 and the renin-angiotensin system in heart failure. Life Sciences, 2022, 305, 120757.	2.0	5
3	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
4	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
5	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
6	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
7	Empagliflozin Downregulates Renal NHE3 Activity and NaPi α 2 Expression and Reduces Blood Pressure in Hypertensive Rats. FASEB Journal, 2021, 35, .	0.2	0
8	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
9	Editorial: The Tribute of Physiology for the Understanding of COVID-19 Disease. Frontiers in Physiology, 2021, 12, 761644.	1.3	1
10	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
11	Sex differences in the lung ACE/ACE2 balance in hypertensive rats. Bioscience Reports, 2021, 41, .	1.1	4
12	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
13	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
14	Biological Context Linking Hypertension and Higher Risk for COVID-19 Severity. Frontiers in Physiology, 2020, 11, 599729.	1.3	9
15	Endogenous Activation of Glucagon-Like Peptide-1 Receptor Contributes to Blood Pressure Control. Hypertension, 2020, 76, 839-848.	1.3	31
16	Postprandial increase in glucagon-like peptide-1 is blunted in severe heart failure. Clinical Science, 2020, 134, 1081-1094.	1.8	7
17	Alterações da ECA2 e Fatores de Risco para Gravidade da COVID-19 em Pacientes com Idade Avançada. Arquivos Brasileiros De Cardiologia, 2020, 115, 701-707.	0.3	11
18	Empagliflozin Reduces Arrhythmic Events and Improves Ca ²⁺ Transient in Hypoxia-Induced Injury Rat Cardiomyocytes. FASEB Journal, 2020, 34, 1-1.	0.2	0

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19	Empagliflozin Prevents Renal Dysfunction and Inhibits Proximal Tubule NHE3 Activity in Nondiabetic Heart Failure Rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
20	Vitamin D deficiency is a potential risk factor for lipid Amphotericin B nephrotoxicity. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007567.	1.3	6
21	Low-level laser therapy alleviates the deleterious effect of doxorubicin on rat adipose tissue-derived mesenchymal stem cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 196, 111512.	1.7	12
22	Cardioprotection Conferred by Sitagliptin Is Associated with Reduced Cardiac Angiotensin II/Angiotensin-(1-7) Balance in Experimental Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1940.	1.8	24
23	The potential role of myosin motor proteins in mediating the subcellular distribution of NHE3 in the renal proximal tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F986-F992.	1.3	1
24	Delayed Reperfusion "Coronary Artery Reperfusion Close to Complete Myocardial Necrosis Benefits Remote Myocardium and Is Enhanced by Exercise. <i>Frontiers in Physiology</i> , 2019, 10, 157.	1.3	4
25	Exercise Training Potentiates The Cardioprotective Effects of Stem Cells Post-infarction. <i>Heart Lung and Circulation</i> , 2019, 28, 263-271.	0.2	8
26	Swimming Training Improves Myocardial Mechanics, Prevents Fibrosis, and Alters Expression of Ca ²⁺ Handling Proteins in Older Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 468-474.	1.7	4
27	Influence of Long-Term Salt Diets on Cardiac Ca ²⁺ Handling and Contractility Proteins in Hypertensive Rats. <i>American Journal of Hypertension</i> , 2018, 31, 726-734.	1.0	5
28	Role of Myosins II and VI in Mediating Hormonal Regulation of NHE3 Activity in the Rat Renal Proximal Tubule. <i>FASEB Journal</i> , 2018, 32, 620.19.	0.2	0
29	Empagliflozin Inhibits NHE3 Activity in the Proximal Tubule of Normotensive and Hypertensive Rats. <i>FASEB Journal</i> , 2018, 32, .	0.2	4
30	AT1R-Associated Protein (ATRAP) Inhibits Angiotensin II-Mediated Downregulation of ROMK Channels in Collecting Duct Cells. <i>FASEB Journal</i> , 2018, 32, 620.18.	0.2	0
31	Stimulation of renal afferent fibers leads to activation of catecholaminergic and non-catecholaminergic neurons in the medulla oblongata. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 204, 48-56.	1.4	14
32	Sexual Dimorphic Pattern of Renal Transporters and Electrolyte Homeostasis. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3504-3517.	3.0	202
33	Proteome analysis of acute kidney injury "Discovery of new predominantly renal candidates for biomarker of kidney disease. <i>Journal of Proteomics</i> , 2017, 151, 66-73.	1.2	18
34	Increased Dietary Salt Changes Baroreceptor Sensitivity and Intrarenal Renin "Angiotensin System in Goldblatt Hypertension. <i>American Journal of Hypertension</i> , 2017, 30, 28-36.	1.0	16
35	Allopurinol attenuates acute kidney injury following Bothrops jararaca envenomation. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006024.	1.3	10
36	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. <i>European Journal of Pharmacology</i> , 2017, 811, 38-47.	1.7	19

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37	Dipeptidyl Peptidase IV Inhibition Exerts Renoprotective Effects in Rats with Established Heart Failure. <i>Frontiers in Physiology</i> , 2016, 7, 293.	1.3	15
38	Angiotensin II counteracts the effects of cAMP/PKA on NHE3 activity and phosphorylation in proximal tubule cells. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C768-C776.	2.1	28
39	Metabolomic characterization of renal ischemia and reperfusion in a swine model. <i>Life Sciences</i> , 2016, 156, 57-67.	2.0	14
40	Role of low-level laser therapy on the cardiac remodeling after myocardial infarction: A systematic review of experimental studies. <i>Life Sciences</i> , 2016, 151, 109-114.	2.0	8
41	The contributions of dipeptidyl peptidase IV to inflammation in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1760-H1772.	1.5	13
42	The physiological role of glucagon-like peptide-1 in the regulation of renal function. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F123-F127.	1.3	68
43	Renoprotective effects of long-term low salt diet in spontaneously hypertensive rats is associated with higher renal cubilin expression. <i>Journal of the American Society of Hypertension</i> , 2015, 9, e81.	2.3	0
44	Proximal tubule NHE3 activity is inhibited by beta-arrestin-biased angiotensin II type 1 receptor signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C541-C550.	2.1	15
45	Potential Role of Dipeptidyl Peptidase IV in the Pathophysiology of Heart Failure. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4226-4249.	1.8	18
46	Renal nerve stimulation leads to the activation of the Na ⁺ /H ⁺ exchanger isoform 3 via angiotensin II type I receptor. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F848-F856.	1.3	42
47	Crosstalk between the renal sympathetic nerve and intrarenal angiotensin II modulates proximal tubular sodium reabsorption. <i>Experimental Physiology</i> , 2015, 100, 502-506.	0.9	33
48	Effects of renal denervation on renal function and sodium transporters in Goldblatt model of hypertension. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 192, 116.	1.4	1
49	Vitamin D deficiency is a potential risk factor for contrast-induced nephropathy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R215-R222.	0.9	23
50	Renal Effects and Underlying Molecular Mechanisms of Long-Term Salt Content Diets in Spontaneously Hypertensive Rats. <i>PLoS ONE</i> , 2015, 10, e0141288.	1.1	28
51	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. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2028-2039.	3.0	149
52	Uroguanylin inhibits H-ATPase activity and surface expression in renal distal tubules by a PKG-dependent pathway. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 307, C532-C541.	2.1	8
53	Changes in the activity and expression of protein phosphatase-1 accompany the differential regulation of NHE3 before and after the onset of hypertension in spontaneously hypertensive rats. <i>Acta Physiologica</i> , 2014, 211, 395-408.	1.8	9
54	Reduced tubular proteinuria in hypertensive rats treated with losartan is associated with higher renal cortical megalin expression. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014, 18, 105-112.	0.3	8

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55	Catheter-based induction of renal ischemia/reperfusion in swine: description of an experimental model. <i>Physiological Reports</i> , 2014, 2, e12150.	0.7	8
56	Amelioration of Cardiac Function and Activation of Anti-Inflammatory Vasoactive Peptides Expression in the Rat Myocardium by Low Level Laser Therapy. <i>PLoS ONE</i> , 2014, 9, e101270.	1.1	27
57	The glucagon-like peptide-1 receptor antagonist exendin-9 elevates blood pressure and worsens renal function in SHR (1136.18). <i>FASEB Journal</i> , 2014, 28, 1136.18.	0.2	0
58	Dipeptidyl peptidase IV inhibition upregulates GLUT4 translocation and expression in heart and skeletal muscle of spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , 2013, 698, 74-86.	1.7	60
59	Progression of microalbuminuria in SHR is associated with lower expression of critical components of the apical endocytic machinery in the renal proximal tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F216-F226.	1.3	14
60	Circulating Dipeptidyl Peptidase IV Activity Correlates With Cardiac Dysfunction in Human and Experimental Heart Failure. <i>Circulation: Heart Failure</i> , 2013, 6, 1029-1038.	1.6	98
61	Increased NHE3 abundance and transport activity in renal proximal tubule of rats with heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R166-R174.	0.9	48
62	Deciphering the mechanisms of the Na ⁺ /H ⁺ exchanger-3 regulation in organ dysfunction. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C1569-C1587.	2.1	68
63	Fructose Acutely Stimulates NHE3 Activity in Kidney Proximal Tubule. <i>Kidney and Blood Pressure Research</i> , 2012, 36, 320-334.	0.9	27
64	Mechanisms underlying the inhibitory effects of uroguanylin on NHE3 transport activity in renal proximal tubule. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F1399-F1408.	1.3	23
65	Distinct mechanisms underlie adaptation of proximal tubule Na ⁺ /H ⁺ exchanger isoform 3 in response to chronic metabolic and respiratory acidosis. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 463, 703-714.	1.3	5
66	Fructose as a modulator of proximal tubule (PT) H ⁺ transport. <i>FASEB Journal</i> , 2012, 26, 867.25.	0.2	0
67	Differential responses of proximal tubule Na ⁺ /H ⁺ exchanger NHE3 to low pH: comparison between metabolic and respiratory acidosis. <i>FASEB Journal</i> , 2012, 26, 689.5.	0.2	0
68	Mechanisms mediating the diuretic and natriuretic actions of the incretin hormone glucagon-like peptide-1. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F355-F363.	1.3	193
69	Dipeptidyl peptidase IV inhibition attenuates blood pressure rising in young spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2011, 29, 520-528.	0.3	105
70	Uncovering the pathway of sepsis-induced renal tubular dysfunction. Focus on Basolateral LPS inhibits NHE3 and HCO ₃ ⁻ absorption through TLR4/MyD88-dependent ERK activation in medullary thick ascending limb. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C1290-C1292.	2.1	5
71	SALT RETENTION IN HEART FAILURE IS ASSOCIATED WITH UPREGULATION OF NHE3 IN RENAL PROXIMAL TUBULE. <i>FASEB Journal</i> , 2011, 25, 1041.4.	0.2	0
72	Development and progression of microalbuminuria in spontaneously hypertensive rats. <i>FASEB Journal</i> , 2011, 25, 665.28.	0.2	0

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73	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
74	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
75	Dipeptidyl Peptidase IV Inhibition Attenuates Blood Pressure Rising in Young Spontaneously Hypertensive Rats (SHR). FASEB Journal, 2010, 24, 982.5.	0.2	0
76	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
77	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
78	The inhibitory effect of the glucagon-like peptide-1 analog exendin-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
79	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
80	Mechanisms underlying the long-term regulation of NHE3 by parathyroid hormone. American Journal of Physiology - Renal Physiology, 2008, 294, F1232-F1237.	1.3	20
81	Modulation of Proximal Tubule Sodium-Proton Exchanger NHE3 by the Glucagon-Like Peptide 1 Analog Exendin-4. FASEB Journal, 2008, 22, 1158.5.	0.2	0
82	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
83	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
84	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
85	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
86	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
87	Chronic effect of parathyroid hormone on NHE3 expression in rat renal proximal tubules. Kidney International, 2000, 58, 1623-1631.	2.6	39
88	Regulation of Na ⁺ /H ⁺ Exchanger Isoform 3 by Protein Kinase A in the Renal Proximal Tubule. , 0, , .		0