

Alexis A Gonzalez

List of Publications by Year in descending order

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53
papers

1,626
citations

304743

22
h-index

289244

40
g-index

53
all docs

53
docs citations

53
times ranked

1696
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary Aldosteronism and Hypertensive Disease. <i>Hypertension</i> , 2003, 42, 161-165.	2.7	433
2	Soluble Form of the (Pro)Renin Receptor Is Augmented in the Collecting Duct and Urine of Chronic Angiotensin II-Dependent Hypertensive Rats. <i>Hypertension</i> , 2011, 57, 859-864.	2.7	132
3	Angiotensin II Stimulates Renin in Inner Medullary Collecting Duct Cells via Protein Kinase C and Independent of Epithelial Sodium Channel and Mineralocorticoid Receptor Activity. <i>Hypertension</i> , 2011, 57, 594-599.	2.7	69
4	Angiotensin II-Independent Upregulation of Cyclooxygenase-2 by Activation of the (Pro)Renin Receptor in Rat Renal Inner Medullary Cells. <i>Hypertension</i> , 2013, 61, 443-449.	2.7	63
5	Increased renin excretion is associated with augmented urinary angiotensin II levels in chronic angiotensin II-infused hypertensive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, F1195-F1201.	2.7	55
6	Angiotensin II increases fibronectin and collagen I through the β -catenin-dependent signaling in mouse collecting duct cells. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F358-F365.	2.7	49
7	Collecting duct prorenin receptor knockout reduces renal function, increases sodium excretion, and mitigates renal responses in ANG II-induced hypertensive mice. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F1243-F1253.	2.7	49
8	Two Homozygous Mutations in the 11 β -Hydroxysteroid Dehydrogenase Type 2 Gene in a Case of Apparent Mineralocorticoid Excess. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 2501-2507.	3.6	45
9	Myeloid CD11c ⁺ Antigen-Presenting Cells Ablation Prevents Hypertension in Response to Angiotensin II Plus High-Salt Diet. <i>Hypertension</i> , 2018, 71, 709-718.	2.7	41
10	Evolving concepts on regulation and function of renin in distal nephron. <i>Pflügers Archiv European Journal of Physiology</i> , 2013, 465, 121-132.	2.8	38
11	Inhibition of bFGF-receptor type 2 increases kidney damage and suppresses nephrogenic protein expression after ischemic acute renal failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R819-R828.	1.8	37
12	The complex interplay between cyclooxygenase-2 and angiotensin II in regulating kidney function. <i>Current Opinion in Nephrology and Hypertension</i> , 2012, 21, 7-14.	2.0	36
13	PKC- δ -dependent augmentation of cAMP and CREB phosphorylation mediates the angiotensin II stimulation of renin in the collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F880-F888.	2.7	35
14	Biochemical and genetic characterization of 11 β -hydroxysteroid dehydrogenase type 2 in low-renin essential hypertensives. <i>Journal of Hypertension</i> , 2005, 23, 71-77.	0.5	34
15	MicroRNAs and obesity-induced endothelial dysfunction: key paradigms in molecular therapy. <i>Cardiovascular Diabetology</i> , 2020, 19, 136.	6.8	34
16	Renal medullary cyclooxygenase-2 and (pro)renin receptor expression during angiotensin II-dependent hypertension. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F962-F970.	2.7	33
17	Effect of ischemic acute renal damage on the expression of COX-2 and oxidative stress-related elements in rat kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F1364-F1371.	2.7	28
18	E Prostanoid-1 receptor regulates renal medullary β -ENaC in rats infused with angiotensin II. <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 372-377.	2.1	28

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19	Renin and the (pro)renin receptor in the renal collecting duct: Role in the pathogenesis of hypertension. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 14-21.	1.9	28
20	The evolving complexity of the collecting duct renin-angiotensin system in hypertension. <i>Nature Reviews Nephrology</i> , 2021, 17, 481-492.	9.6	28
21	Novel Intronic Mutation of MEN1 Gene Causing Familial Isolated Primary Hyperparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 4124-4129.	3.6	27
22	Vasopressin/V2 receptor stimulates renin synthesis in the collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F284-F293.	2.7	27
23	The prorenin receptor in the cardiovascular system and beyond. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H139-H145.	3.2	22
24	Angiotensin II Increases the Expression of (Pro)Renin Receptor During Low-Salt Conditions. <i>American Journal of the Medical Sciences</i> , 2014, 348, 416-422.	1.1	21
25	Congenital Lipoid Adrenal Hyperplasia Caused by a Novel Splicing Mutation in the Gene for the Steroidogenic Acute Regulatory Protein. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 946-951.	3.6	20
26	(Pro)renin receptor activation increases profibrotic markers and fibroblast-like phenotype through MAPK-dependent ROS formation in mouse renal collecting duct cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 1134-1144.	1.9	20
27	Targeting Autophagy in Obesity-Associated Heart Disease. <i>Obesity</i> , 2019, 27, 1050-1058.	3.0	20
28	Augmented reality-based learning for the comprehension of cardiac physiology in undergraduate biomedical students. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 314-322.	1.6	16
29	Roles of collecting duct renin and (pro)renin receptor in hypertension: mini review. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2015, 9, 191-200.	2.1	15
30	PGE ₂ upregulates renin through E-prostanoid receptor 1 via PKC/cAMP/CREB pathway in M-1 cells. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, F1038-F1049.	2.7	15
31	Potassium Intake Prevents the Induction of the Renin-Angiotensin System and Increases Medullary ACE2 and COX-2 in the Kidneys of Angiotensin II-Dependent Hypertensive Rats. <i>Frontiers in Pharmacology</i> , 2019, 10, 1212.	3.5	14
32	Prostaglandin E2 Induces Prorenin-Dependent Activation of (Pro)renin Receptor and Upregulation of Cyclooxygenase-2 in Collecting Duct Cells. <i>American Journal of the Medical Sciences</i> , 2017, 354, 310-318.	1.1	13
33	(Pro)renin Receptor-Dependent Induction of Profibrotic Factors Is Mediated by COX-2/EP4/NOX-4/Smad Pathway in Collecting Duct Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 803.	3.5	13
34	Vasopressin actions in the kidney renin angiotensin system and its role in hypertension and renal disease. <i>Vitamins and Hormones</i> , 2020, 113, 217-238.	1.7	12
35	The sodium-activated sodium channel is expressed in the rat kidney thick ascending limb and collecting duct cells and is upregulated during high salt intake. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F105-F109.	2.7	11
36	A Polymorphic GT Short Tandem Repeat Affecting β -ENaC mRNA Expression Is Associated With Low Renin Essential Hypertension. <i>American Journal of Hypertension</i> , 2007, 20, 800-806.	2.0	10

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37	Vasopressin controls stanniocalcin-1 gene expression in rat and mouse kidney. <i>Molecular and Cellular Endocrinology</i> , 2012, 348, 183-188.	3.2	10
38	Low Nitric Oxide Bioavailability Increases Renin Production in the Collecting Duct. <i>Frontiers in Physiology</i> , 2020, 11, 559341.	2.8	9
39	Role of Collecting Duct Renin in the Pathogenesis of Hypertension. <i>Current Hypertension Reports</i> , 2017, 19, 62.	3.5	7
40	IMPLEMENTATION OF AN ANALYTICAL METHOD FOR THE DETERMINATION OF INORGANIC ARSENIC SPECIES IN OCCUPATIONALLY EXPOSED HUMAN URINE SAMPLES AND ITS TOXIC EFFECTS ON EPITHELIAL CELLS OF RENAL COLLECTING TUBULE. <i>Journal of the Chilean Chemical Society</i> , 2016, 61, 3214-3218.	1.2	5
41	Upregulation of Cortical Renin and Downregulation of Medullary (Pro)Renin Receptor in Unilateral Ureteral Obstruction. <i>Frontiers in Pharmacology</i> , 2019, 10, 1314.	3.5	5
42	High glucose induces trafficking of prorenin receptor and stimulates profibrotic factors in the collecting duct. <i>Scientific Reports</i> , 2021, 11, 13815.	3.3	5
43	Augmented transcripts of kidney injury markers and renin angiotensin system in urine samples of overweight young adults. <i>Scientific Reports</i> , 2020, 10, 21154.	3.3	4
44	Î±-Ketoglutarate Upregulates Collecting Duct (Pro)renin Receptor Expression, Tubular Angiotensin II Formation, and Na ⁺ Reabsorption During High Glucose Conditions. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 644797.	2.4	4
45	Antimony(III) induces fibroblast-like phenotype, profibrotic factors and reactive oxygen species in mouse renal cells. <i>Environmental Chemistry</i> , 2020, 17, 182.	1.5	4
46	Cyclooxygenase-2 and hypoxia-regulated proteins are modulated by basic fibroblast growth factor in acute renal failure. <i>Biological Research</i> , 2012, 45, 51-60.	3.4	2
47	Renin-Â€Angiotensin System. , 2013, , 1499-1506.		0
48	Mineralocorticoids modulate the expression of the Î²-3 subunit of the Na ⁺ , K ⁺ -ATPase in the renal collecting duct. <i>Channels</i> , 2017, 11, 388-398.	2.8	0
49	Effect of COX-2 inhibition on sodium excretion and ENaC expression in Angiotensin II induced hypertensive rats. <i>FASEB Journal</i> , 2010, 24, 605.12.	0.5	0
50	The Sodium-Activated Sodium Channel (Nax) present in kidney thick ascending limb and collecting duct cells is augmented during high salt intake. <i>FASEB Journal</i> , 2011, 25, 1039.30.	0.5	0
51	Downregulation of the (pro)renin receptor by insulin is potentiated by high glucose in mouse renal collecting duct cells. <i>FASEB Journal</i> , 2012, 26, 1068.11.	0.5	0
52	Angiotensin II Stimulates Renin Synthesis and Secretion in Mouse Collecting Duct Î± cells via a PKC alpha-mediated cAMP Stimulation Mechanism. <i>FASEB Journal</i> , 2013, 27, 1165.16.	0.5	0
53	Abstract P2019: (Pro)Renin Receptor-Dependent Induction of Pro-Fibrotic Factors is Mediated by COX-2/EP4/NOX-4/Smad Pathway in Mouse Renal Collecting Duct Cells. <i>Hypertension</i> , 2019, 74, .	2.7	0