Ines Armando

List of Publications by Year
in descending order

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122	3,996	87888	149698
papers	citations	38 h-index	56 g-index

159	159	159	3632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Peripheral Administration of an Angiotensin II AT1 Receptor Antagonist Decreases the Hypothalamic-Pituitary-Adrenal Response to Isolation Stress. Endocrinology, 2001, 142, 3880-3889.	2.8	131
2	Exaggerated Adrenomedullary Response to Immobilization in Mice with Targeted Disruption of the Serotonin Transporter Gene. Endocrinology, 2002, 143, 4520-4526.	2.8	113
3	Estrogen upregulates renal angiotensin II AT₂receptors. American Journal of Physiology - Renal Physiology, 2002, 283, F934-F943.	2.7	111
4	Noradrenergic activation in the paraventricular nucleus during acute and chronic immobilization stress in rats: an in vivo microdialysis study. Brain Research, 1992, 589, 91-96.	2.2	110
5	Anti-inflammatory effects of angiotensin II AT₁ receptor antagonism prevent stress-induced gastric injury. American Journal of Physiology - Renal Physiology, 2003, 285, G414-G423.	3.4	109
6	Anti-stress and anti-anxiety effects of centrally acting angiotensin II AT1 receptor antagonists. Regulatory Peptides, 2005, 128, 227-238.	1.9	108
7	Positron emission tomographic imaging of cardiac sympathetic Innervation using 6-[18 F]Fluorodopamine: Initial findings in humans. Journal of the American College of Cardiology, 1993, 22, 1961-1971.	2.8	106
8	Estrogen upregulates renal angiotensin II AT1 and AT2 receptors in the rat. Regulatory Peptides, 2005, 124, 7-17.	1.9	104
9	A Centrally Acting, Anxiolytic Angiotensin II AT1 Receptor Antagonist Prevents the Isolation Stress-Induced Decrease in Cortical CRF1 Receptor and Benzodiazepine Binding. Neuropsychopharmacology, 2006, 31, 1123-1134.	5.4	96
10	Dopamine and Renal Function and Blood Pressure Regulation. , 2011, 1, 1075-1117.		95
11	Dysregulation of dopamine-dependent mechanisms as a determinant of hypertension: studies in dopamine receptor knockout mice. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H551-H569.	3.2	77
12	Restraint Stress Modulates Brain, Pituitary and Adrenal Expression of Angiotensin II AT_{1A}, AT_{1B} and AT₂ Receptors. Neuroendocrinology, 2002, 75, 227-240.	2.5	72
13	Dopamine 5 receptor mediates Ang II type 1 receptor degradation via a ubiquitin-proteasome pathway in mice and human cells. Journal of Clinical Investigation, 2008, 118, 2180-9.	8.2	72
14	Brain Angiotensin II, an Important Stress Hormone: Regulatory Sites and Therapeutic Opportunities. Annals of the New York Academy of Sciences, 2004, 1018, 76-84.	3.8	70
15	Angiotensin II AT1 receptor blockade prevents the hypothalamic corticotropin-releasing factor response to isolation stress. Brain Research, 2007, 1142, 92-99.	2.2	70
16	The regulation of proximal tubular salt transport in hypertension: an update. Current Opinion in Nephrology and Hypertension, 2009, 18, 412-420.	2.0	70
17	Role of Renal DJ-1 in the Pathogenesis of Hypertension Associated With Increased Reactive Oxygen Species Production. Hypertension, 2012, 59, 446-452.	2.7	70
18	Renal Dopamine Receptors, Oxidative Stress, and Hypertension. International Journal of Molecular Sciences, 2013, 14, 17553-17572.	4.1	67

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19	Effects of Single or Repeated Immobilization on Release of Norepinephrine and Its Metabolites in the Central Nucleus of the Amygdala in Conscious Rats. Neuroendocrinology, 1993, 57, 626-633.	2.5	64
20	Determination of metanephrines in plasma by liquid chromatography with electrochemical detection. Clinical Chemistry, 1993, 39, 97-103.	3.2	63
21	Oral administration of an AT1 receptor antagonist prevents the central effects of angiotensin II in spontaneously hypertensive rats. Brain Research, 2004, 1028, 9-18.	2.2	61
22	Amelioration of Genetic Hypertension by Suppression of Renal G Proteinâ€“Coupled Receptor Kinase Type 4 Expression. Hypertension, 2006, 47, 1131-1139.	2.7	61
23	Reactive Oxygen Speciesâ€“Dependent Hypertension in Dopamine D 2 Receptorâ€“Deficient Mice. Hypertension, 2007, 49, 672-678.	2.7	61
24	?-Carbolines as selective monoamine oxidase inhibitors:In vivo implications. Journal of Neural Transmission, 1982, 54, 209-218.	2.8	57
25	G Protein-coupled Receptor Kinase 4 (GRK4) Regulates the Phosphorylation and Function of the Dopamine D3 Receptor. Journal of Biological Chemistry, 2009, 284, 21425-21434.	3.4	57
26	Estrogen Reduces Aldosterone, Upregulates Adrenal Angiotensin II AT₂ Receptors and Normalizes Adrenomedullary Fra-2 in Ovariectomized Rats. Neuroendocrinology, 2008, 88, 276-286.	2.5	56
27	New endogenous benzodiazepine receptor ligand in human urine: Identity with endogenous monoamine oxidase inhibitor?. Life Sciences, 1983, 33, 735-741.	4.3	50
28	Distribution of endogenous benzodiazepine receptor ligand-monoamine oxidase inhibitory activity (tribulin) in tissues. Life Sciences, 1986, 38, 2063-2067.	4.3	50
29	Sestrin2 Decreases Renal Oxidative Stress, Lowers Blood Pressure, and Mediates Dopamine D 2 Receptorâ€“Induced Inhibition of Reactive Oxygen Species Production. Hypertension, 2014, 64, 825-832.	2.7	50
30	Plasma dopa responses during stress: dependence on sympathoneural activity and tyrosine hydroxylation. Journal of Pharmacology and Experimental Therapeutics, 1992, 261, 899-909.	2.5	50
31	Angiotensin II AT₁receptor blockade selectively enhances brain AT₂receptor expression, and abolishes the cold-restraint stress-induced increase in tyrosine hydroxylase mRNA in the locus coeruleus of spontaneously hypertensive rats. Stress, 2008, 11, 457-466.	1.8	48
32	Paraoxonase 2 decreases renal reactive oxygen species production, lowers blood pressure, and mediates dopamine D2 receptor-induced inhibition of NADPH oxidase. Free Radical Biology and Medicine, 2012, 53, 437-446.	2.9	48
33	Angiotensin II AT1 and AT2 Receptors Contribute to Maintain Basal Adrenomedullary Norepinephrine Synthesis and Tyrosine Hydroxylase Transcription. Endocrinology, 2003, 144, 2092-2101.	2.8	47
34	Dopamine, kidney, and hypertension: studies in dopamine receptor knockout mice. Pediatric Nephrology, 2008, 23, 2131-2146.	1.7	47
35	Renal dopaminergic defect in C57Bl/6J mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1660-R1669.	1.8	46
36	miR-217 Mediates the Protective Effects of the Dopamine D2 Receptor on Fibrosis in Human Renal Proximal Tubule Cells. Hypertension, 2015, 65, 1118-1125.	2.7	43

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37	Peripheral catecholamine alterations in adolescents with polycystic ovary syndrome. Clinical Endocrinology, 1998, 49, 221-228.	2.4	42
38	Increased mitochondrial activity in renal proximal tubule cells from young spontaneously hypertensive rats. Kidney International, 2014, 85, 561-569.	5.2	42
39	Correlation of increased grooming behavior and motor activity with alterations in nigrostriatal and mesolimbic catecholamines after alpha-melanotropin and neuropeptide glutamine-isoleucine injection in the rat ventral tegmental area. Cellular and Molecular Neurobiology, 2001, 21, 523-533.	3.3	40
40	Deficient Dopamine D2 Receptor Function Causes Renal Inflammation Independently of High Blood Pressure. PLoS ONE, 2012, 7, e38745.	2.5	37
41	Renal rescue of dopamine D2 receptor function reverses renal injury and high blood pressure. JCI Insight, 2016, 1, .	5.0	36
42	The renal dopaminergic system: novel diagnostic and therapeutic approaches in hypertension and kidney disease. Translational Research, 2015, 165, 505-511.	5.0	35
43	Role of Nuclear Factor Erythroid 2â€“Related Factor 2 in the Oxidative Stressâ€“Dependent Hypertension Associated With the Depletion of DJ-1. Hypertension, 2015, 65, 1251-1257.	2.7	35
44	The elevated blood pressure of humanGRK4Î³A142Vtransgenic mice is not associated with increased ROS production. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2083-H2092.	3.2	34
45	Upregulation of Renal Sodium Transporters in D ₅ Dopamine Receptorâ€“Deficient Mice. Hypertension, 2010, 55, 1431-1437.	2.7	34
46	Lack of Renal Dopamine D5 Receptors Promotes Hypertension. Journal of the American Society of Nephrology: JASN, 2011, 22, 82-89.	6.1	34
47	Novel role of sorting nexin 5 in renal D ₁ dopamine receptor trafficking and function: implications for hypertension. FASEB Journal, 2013, 27, 1808-1819.	0.5	34
48	Increased Angiotensin II AT₁ Receptor Expression in Paraventricular Nucleus and Hypothalamic-Pituitary-Adrenal Axis Stimulation in AT₂ Receptor Gene Disrupted Mice. Neuroendocrinology, 2002, 76, 137-147.	2.5	33
49	Single-Nucleotide Polymorphisms of the Dopamine D2 Receptor Increase Inflammation and Fibrosis in Human Renal Proximal Tubule Cells. Hypertension, 2014, 63, e74-80.	2.7	32
50	Angiotensin II AT1and AT2Receptor Types Regulate Basal and Stress-Induced Adrenomedullary Catecholamine Production through Transcriptional Regulation of Tyrosine Hydroxylase. Annals of the New York Academy of Sciences, 2004, 1018, 302-309.	3.8	31
51	Footshock affects heart and brain MAO and MAO inhibitory activity and open field behavior in rats. Pharmacology Biochemistry and Behavior, 1990, 36, 85-88.	2.9	28
52	Age-related changes in sympathetic activity: biochemical measurements and target organ responses. Archives of Gerontology and Geriatrics, 1997, 25, 175-186.	3.0	28
53	Human GRK4Î³ ^{142V} Variant Promotes Angiotensin II Type I Receptorâ€“Mediated Hypertension via Renal Histone Deacetylase Type 1 Inhibition. Hypertension, 2016, 67, 325-334.	2.7	28
54	Sorting Nexin 1 Loss Results in D5 Dopamine Receptor Dysfunction in Human Renal Proximal Tubule Cells and Hypertension in Mice. Journal of Biological Chemistry, 2013, 288, 152-163.	3.4	27

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55	Nephron segment-specific gene expression using AAV vectors. Biochemical and Biophysical Research Communications, 2018, 497, 19-24.	2.1	27
56	Dopamine D₂receptors' effects on renal inflammation are mediated by regulation of PP2A function. American Journal of Physiology - Renal Physiology, 2016, 310, F128-F134.	2.7	26
57	Stress increases endogenous benzodiazepine receptor ligand-monoamine oxidase inhibitory activity (tribulin) in rat tissues. Journal of Neural Transmission, 1988, 71, 29-37.	2.8	25
58	Common variants of the G protein-coupled receptor type 4 are associated with human essential hypertension and predict the blood pressure response to angiotensin receptor blockade. Pharmacogenomics Journal, 2016, 16, 3-9.	2.0	25
59	Mitochondrial DNA-Mediated Inflammation in Acute Kidney Injury and Chronic Kidney Disease. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-12.	4.0	25
60	Influence of age on stress responses to metabolic cage housing in rats. Cellular and Molecular Neurobiology, 1999, 19, 625-633.	3.3	24
61	Pharmacological involvement of the calcium channel blocker flunarizine in dopamine transmission at the striatum. Parkinsonism and Related Disorders, 2001, 8, 33-40.	2.2	24
62	Increased AT₁receptor expression and mRNA in kidney glomeruli of AT₂receptor gene-disrupted mice. American Journal of Physiology - Renal Physiology, 2001, 280, F71-F78.	2.7	24
63	Angiotensin II AT1Receptor Blockade Prevents Gastric Ulcers during Cold-Restraint Stress. Annals of the New York Academy of Sciences, 2004, 1018, 351-355.	3.8	24
64	Stress and Angiotensin II: Novel Therapeutic Opportunities. CNS and Neurological Disorders, 2003, 2, 413-419.	4.3	24
65	Effect of ionizing radiation on sympathetic nerve function in rat parotid glands. Journal of Oral Pathology and Medicine, 1992, 21, 134-137.	2.7	23
66	Life-Long Serotonin Reuptake Deficiency Results in Complex Alterations in Adrenomedullary Responses to Stress. Annals of the New York Academy of Sciences, 2004, 1018, 99-104.	3.8	23
67	Dopamine D3 receptor inhibits the ubiquitinâ€specific peptidase 48 to promote NHE3 degradation. FASEB Journal, 2014, 28, 1422-1434.	0.5	23
68	Dopamine D2 receptor modulates Wnt expression and control of cell proliferation. Scientific Reports, 2019, 9, 16861.	3.3	23
69	The Serotonin Transporter is Required for Stress-Evoked Increases in Adrenal Catecholamine Synthesis and Angiotensin II AT₂ Receptor Expression. Neuroendocrinology, 2003, 78, 217-225.	2.5	22
70	Angiotensin II AT1Receptor Blockade Prolongs the Lifespan of Spontaneously Hypertensive Rats and Reduces Stress-Induced Release of Catecholamines, Glucocorticoids, and Vasopressin. Annals of the New York Academy of Sciences, 2004, 1018, 131-136.	3.8	22
71	Increased AT1 receptors in adrenal gland of AT2 receptor gene-disrupted mice. Regulatory Peptides, 2001, 102, 41-47.	1.9	19
72	Dopamine is metabolised by different enzymes along the rat nephron. Pflugers Archiv European Journal of Physiology, 2005, 450, 185-191.	2.8	19

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73	The Renin-Angiotensin and Renal Dopaminergic Systems Interact in Normotensive Humans. Journal of the American Society of Nephrology: JASN, 2016, 27, 265-279.	6.1	19
74	Decreased Tubular Uptake of L-3,4-Dihydroxyphenylalanine in Streptozotocin-Induced Diabetic Rats. Hormone Research in Paediatrics, 2001, 55, 282-287.	1.8	18
75	Increased renal oxidative stress in salt-sensitive human GRK4Î³486V transgenic mice. Free Radical Biology and Medicine, 2017, 106, 80-90.	2.9	18
76	Evaluation of sympathetic nervous system and adrenomedullary activity in normal children. Journal of the Autonomic Nervous System, 1983, 8, 57-63.	1.9	16
77	Loss of renal SNX5 results in impaired IDE activity and insulin resistance in mice. Diabetologia, 2018, 61, 727-737.	6.3	16
78	Genomics and Pharmacogenomics of Salt-sensitive Hypertension. Current Hypertension Reviews, 2015, 11, 49-56.	0.9	16
79	24 Hour changes in catecholamine content of rat thyroid and submaxillary glands. Journal of Neural Transmission, 1988, 71, 189-194.	2.8	15
80	Exercise increases endogenous urinary monoamine oxidase benzodiazepine receptor ligand inhibitory activity in normal children. Journal of the Autonomic Nervous System, 1984, 11, 95-100.	1.9	14
81	Effects of Decreased Renal Cortical Expression of G Protein-Coupled Receptor Kinase 4 and Angiotensin Type 1 Receptors in Rats. Hypertension Research, 2008, 31, 1455-1464.	2.7	14
82	Dopamine D5 receptor-mediated decreases in mitochondrial reactive oxygen species production are cAMP and autophagy dependent. Hypertension Research, 2021, 44, 628-641.	2.7	13
83	The stress-induced reduction in monoamine oxidase (MAO) A activity is reversed by benzodiazepines: Role of peripheral benzodiazepine receptors. Cellular and Molecular Neurobiology, 1993, 13, 593-600.	3.3	12
84	MicroRNA-874-3p/ADAM (A Disintegrin and Metalloprotease) 19 Mediates Macrophage Activation and Renal Fibrosis After Acute Kidney Injury. Hypertension, 2021, 77, 1613-1626.	2.7	12
85	Catecholamines Levels and Parotid Secretion in Children with Chronic Atopic Dermatitis. Journal of Investigative Dermatology, 1982, 78, 493-497.	0.7	11
86	Repeated (isolation) stress increases tribulin-like activity in the rat. Cellular and Molecular Neurobiology, 1989, 9, 115-122.	3.3	11
87	Angiotensin II AT2 Receptors Contribute to Regulate the Sympathoadrenal and Hormonal Reaction to Stress Stimuli. Cellular and Molecular Neurobiology, 2018, 38, 85-108.	3.3	11
88	Estradiol stimulates cell proliferation via classic estrogen receptor-alpha and G protein-coupled estrogen receptor-1 in human renal tubular epithelial cell primary cultures. Biochemical and Biophysical Research Communications, 2019, 512, 170-175.	2.1	11
89	Inverse Salt Sensitivity of Blood Pressure: Mechanisms and Potential Relevance for Prevention of Cardiovascular Disease. Current Hypertension Reports, 2022, 24, 361-374.	3.5	11
90	Free and conjugated plasma catecholamines in pheochromocytoma patients with and without sustained hypertension. European Journal of Endocrinology, 1986, 113, 111-117.	3.7	9

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91	Gastrin stimulates renal dopamine production by increasing the renal tubular uptake of <scp>l</scp>-DOPA. American Journal of Physiology - Endocrinology and Metabolism, 2017, 312, E1-E10.	3.5	9
92	Antihypertensive effect of etamicastat in dopamine D2 receptor-deficient mice. Hypertension Research, 2018, 41, 489-498.	2.7	9
93	Turning behavior induced by injections of glutamate receptor antagonists into the substantia nigra of the rat. , 1996, 24, 147-155.		8
94	Potential Role of Glycerol Leading to Rat Fructose Hypertension. Hypertension, 1999, 34, 1007-1011.	2.7	8
95	Decreased Hypothalamic and Adrenal Angiotensin II Receptor Expression and Adrenomedullary Catecholamines in Transgenic Mice with Impaired Glucocorticoid Receptor Function. Neuroendocrinology, 2004, 80, 171-180.	2.5	8
96	Upregulation of Renal D ₅ Dopamine Receptor Ameliorates the Hypertension in D ₃ Dopamine Receptorâ€“Deficient Mice. Hypertension, 2013, 62, 295-301.	2.7	8
97	Sorting nexin 1 loss results in increased oxidative stress and hypertension. FASEB Journal, 2020, 34, 7941-7957.	0.5	8
98	Dopamine D1-like receptors regulate the Î±1A-adrenergic receptor in human renal proximal tubule cells and D1-like dopamine receptor knockout mice. American Journal of Physiology - Renal Physiology, 2014, 307, F1238-F1248.	2.7	7
99	Pictet-Spengler condensation products, stress and alcoholism: some clinical overtones. Progress in Clinical and Biological Research, 1982, 90, 215-26.	0.2	7
100	D₁-like dopamine receptors downregulate Na⁺-K⁺-ATPase activity and increase cAMP production in the posterior gills of the blue crabCallinectes sapidus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R634-R642.	1.8	6
101	Stressor predictability influences open field behavior, pain sensitivity and brain MAO inhibitory activity (tribulin) in the rat. Behavioural Brain Research, 1994, 61, 91-95.	2.2	5
102	Further Evidence of Interaction Between Vasodilator Î²2- and Vasoconstrictor Î±2-Adrenoceptorâ€“Mediated Responses in Maintaining Vascular Tone in Anesthetized Rats. Journal of Cardiovascular Pharmacology, 1989, 14, 874-880.	1.9	4
103	ADAMs family in kidney physiology and pathology. EBioMedicine, 2021, 72, 103628.	6.1	4
104	Method for measuring endogenous 3-O-methyldopa in urine and plasma. Biomedical Applications, 1991, 568, 45-54.	1.7	3
105	Candesartan decreases the sympatho-adrenal and hormonal response to isolation stress. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2001, 2, S130-S135.	1.7	3
106	Output of endogenous monoamine oxidase inhibitor in rats: Effect of ethanol, tryptamine and tryptophan. Journal of Neural Transmission, 1983, 56, 85-90.	2.8	2
107	Sensing Salt Intake. Hypertension, 2009, 53, 118-119.	2.7	2
108	Effect of bromocriptine on plasma catecholamines in normal subjects and prolactin-secreting tumor patients. Journal of Endocrinological Investigation, 1986, 9, 223-226.	3.3	1

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109	Effects of exercise on myocardial catecholamine content and ischemic injury in dogs with gradual coronary occlusion. American Heart Journal, 1990, 120, 1278-1284.	2.7	1
110	Induction of reversible growth retardation and growth hormone deficiency by blockade of norepinephrine synthesis in the rat. European Journal of Endocrinology, 1993, 129, 554-558.	3.7	1
111	Expression of gastrin in the thin descending limb of Henle's loop in the mouse kidney: a molecular, localization, and functional study. FASEB Journal, 2012, 26, 688.4.	0.5	1
112	Increased Renal Oxidative Stress in hGRK4 486V Transgenic Mice. FASEB Journal, 2015, 29, 811.25.	0.5	1
113	Genomics and pharmacogenomics of salt-sensitive hypertension Minireview. Current Hypertension Reviews, 2015, 11, 49-56.	0.9	1
114	News From the Heart Natriuretic System. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	0
115	Increased expression of Nox isoforms in conduit vessels of dopamine D2 receptor deficient mice. FASEB Journal, 2007, 21, A447.	0.5	0
116	Dopamine D2 receptor regulation of reactive oxygen species production via paraoxonase 2. FASEB Journal, 2010, 24, 1059.7.	0.5	0
117	PP2R2C is involved in the resensitization of the dopamine D1 receptor in human renal proximal tubule cells.. FASEB Journal, 2010, 24, 818.1.	0.5	0
118	Human GRK4 variants regulate renal angiotensin AT1 receptor expression. FASEB Journal, 2011, 25, 1041.32.	0.5	0
119	Renal subcapsular infusion of siRNA as a novel method of gene silencing in the kidney. FASEB Journal, 2013, 27, 1217.30.	0.5	0
120	Expression Profile of G Proteinâ€Coupled Receptor 37L1 in mouse. FASEB Journal, 2018, 32, 755.6.	0.5	0
121	Dopamine D2 receptor decreases the toxic effects of aristolochic acid in human renal proximal tubule cells.. FASEB Journal, 2018, 32, 617.4.	0.5	0
122	Pressor Response Induced by Clenbuterol Treatment in Immobilized Normotensive Rats. Journal of Cardiovascular Pharmacology, 1989, 13, 793-798.	1.9	0