Cristian A Carvajal

List of Publications by Year
in descending order

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78	2,335	218592	223716
papers	citations	26 h-index	46 g-index

86	86	86	2817
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Primary Aldosteronism and Hypertensive Disease. Hypertension, 2003, 42, 161-165.	1.3	433
2	Aldosterone Promotes Autoimmune Damage by Enhancing Th17-Mediated Immunity. Journal of Immunology, 2010, 184, 191-202.	0.4	147
3	High sodium intake is associated with increased glucocorticoid production, insulin resistance and metabolic syndrome. Clinical Endocrinology, 2014, 80, 677-684.	1.2	143
4	A possible association between primary aldosteronism and a lower Î²-cell function. Journal of Hypertension, 2007, 25, 2125-2130.	0.3	88
5	Epigenetics and arterial hypertension: the challenge of emerging evidence. Translational Research, 2015, 165, 154-165.	2.2	83
6	Increased levels of oxidative stress, subclinical inflammation, and myocardial fibrosis markers in primary aldosteronism patients. Journal of Hypertension, 2010, 28, 2120-2126.	0.3	76
7	Endothelial cell oxidative stress and signal transduction. Biological Research, 2000, 33, 89-96.	1.5	71
8	Aldosterone Production and Signaling Dysregulation in Obesity. Current Hypertension Reports, 2016, 18, 20.	1.5	66
9	Overexpression of 11Î²-Hydroxysteroid Dehydrogenase Type 1 in Hepatic and Visceral Adipose Tissue is Associated with Metabolic Disorders in Morbidly Obese Patients. Obesity Surgery, 2010, 20, 77-83.	1.1	56
10	Frequency of Familial Hyperaldosteronism Type 1 in a Hypertensive Pediatric Population. Hypertension, 2011, 57, 1117-1121.	1.3	55
11	Comparing Approaches to Normalize, Quantify, and Characterize Urinary Extracellular Vesicles. Journal of the American Society of Nephrology: JASN, 2021, 32, 1210-1226.	3.0	53
12	Microribonucleic Acid-21 Increases Aldosterone Secretion and Proliferation in H295R Human Adrenocortical Cells. Endocrinology, 2008, 149, 2477-2483.	1.4	52
13	Age-Related Changes in 11Â-Hydroxysteroid Dehydrogenase Type 2 Activity in Normotensive Subjects. American Journal of Hypertension, 2013, 26, 481-487.	1.0	48
14	Two Homozygous Mutations in the 11Î²-Hydroxysteroid Dehydrogenase Type 2 Gene in a Case of Apparent Mineralocorticoid Excess. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2501-2507.	1.8	45
15	Overexpression of 11Î²â€hydroxysteroid dehydrogenase type 1 in visceral adipose tissue and portal hypercortisolism in nonâ€alcoholic fatty liver disease. Liver International, 2012, 32, 392-399.	1.9	42
16	Aldosterone, Plasma Renin Activity, and Aldosterone/Renin Ratio in a Normotensive Healthy Pediatric Population. Hypertension, 2010, 56, 391-396.	1.3	41
17	Birth weight is inversely associated with blood pressure and serum aldosterone and cortisol levels in children. Clinical Endocrinology, 2012, 76, 713-718.	1.2	40
18	11Î²-hydroxysteroid dehydrogenase type-2 and type-1 (11Î²-HSD2 and 11Î²-HSD1) and 5Î²-reductase activities in the pathogenia of essential hypertension. Endocrine, 2010, 37, 106-114.	1.1	39

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19	Urinary Exosomes and Their Cargo: Potential Biomarkers for Mineralocorticoid Arterial Hypertension?. Frontiers in Endocrinology, 2017, 8, 230.	1.5	36
20	Biochemical and genetic characterization of 11 ??-hydroxysteroid dehydrogenase type 2 in low-renin essential hypertensives. Journal of Hypertension, 2005, 23, 71-77.	0.3	34
21	Primary aldosteronism can alter peripheral levels of transforming growth factor Î² and tumor necrosis factor Î±. Journal of Endocrinological Investigation, 2009, 32, 759-765.	1.8	34
22	Overexpression of hepatic 5Î±-reductase and 11Î²-hydroxysteroid dehydrogenase type 1 in visceral adipose tissue is associated with hyperinsulinemia in morbidly obese patients. Metabolism: Clinical and Experimental, 2011, 60, 1775-1780.	1.5	34
23	Increased urinary glucocorticoid metabolites are associated with metabolic syndrome, hypoadiponectinemia, insulin resistance and Î² cell dysfunction. Steroids, 2011, 76, 1575-1581.	0.8	33
24	11Î²-Hydroxysteroid Dehydrogenase Type 1 is Overexpressed in Subcutaneous Adipose Tissue of Morbidly Obese Patients. Obesity Surgery, 2009, 19, 764-770.	1.1	32
25	LCâ€“MS/MS Method for the Simultaneous Determination of Free Urinary Steroids. Chromatographia, 2014, 77, 637-642.	0.7	29
26	Novel Intronic Mutation of MEN1 Gene Causing Familial Isolated Primary Hyperparathyroidism. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4124-4129.	1.8	27
27	Clinical, Biochemical, and Genetic Characteristics of â€œNonclassicâ€•Apparent Mineralocorticoid Excess Syndrome. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 595-603.	1.8	26
28	Classic and Nonclassic Apparent Mineralocorticoid Excess Syndrome. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e924-e936.	1.8	26
29	Congenital Lipoid Adrenal Hyperplasia Caused by a Novel Splicing Mutation in the Gene for the Steroidogenic Acute Regulatory Protein. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 946-951.	1.8	20
30	Usefulness and Pitfalls in Sodium Intake Estimation: Comparison of Dietary Assessment and Urinary Excretion in Chilean Children and Adults. American Journal of Hypertension, 2016, 29, 1212-1217.	1.0	20
31	Serum Cortisol and Cortisone as Potential Biomarkers of Partial 11Î²-Hydroxysteroid Dehydrogenase Type 2 Deficiency. American Journal of Hypertension, 2018, 31, 910-918.	1.0	19
32	A New Presentation of the Chimeric CYP11B1/CYP11B2 Gene With Low Prevalence of Primary Aldosteronism and Atypical Gene Segregation Pattern. Hypertension, 2012, 59, 85-91.	1.3	18
33	Pregnancy normalized familial hyperaldosteronism type I: a novel role for progesterone?. Journal of Human Hypertension, 2015, 29, 138-139.	1.0	17
34	Downregulation of exosomal miR-192-5p and miR-204-5p in subjects with nonclassic apparent mineralocorticoid excess. Journal of Translational Medicine, 2019, 17, 392.	1.8	17
35	A Novel Adrenocorticotropin Receptor Mutation Alters Its Structure and Function, Causing Familial Glucocorticoid Deficiency. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3097-3105.	1.8	14
36	Different effects of progesterone and estradiol on chimeric and wild type aldosterone synthase in vitro. Reproductive Biology and Endocrinology, 2013, 11, 76.	1.4	14

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37	Positive association between aldosteroneâ€renin ratio and carotid intimaâ€media thickness in hypertensive children. Clinical Endocrinology, 2013, 78, 352-357.	1.2	14
38	Cortisol/cortisone ratio and matrix metalloproteinase-9 activity are associated with pediatric primary hypertension. Journal of Hypertension, 2016, 34, 1808-1814.	0.3	14
39	The Expression of RAC1 and Mineralocorticoid Pathway-Dependent Genes are Associated With Different Responses to Salt Intake. American Journal of Hypertension, 2015, 28, 722-728.	1.0	13
40	Oxidative stress biomarkers in pediatric sepsis: a prospective observational pilot study. Redox Report, 2017, 22, 330-337.	1.4	13
41	The Aldosterone/Renin Ratio Predicts Cardiometabolic Disorders in Subjects Without Classic Primary Aldosteronism. American Journal of Hypertension, 2019, 32, 468-475.	1.0	13
42	Urinary Free Cortisol Is Not a Biochemical Marker of Hypertension. American Journal of Hypertension, 2007, 20, 459-465.	1.0	12
43	A de novo unequal cross-over mutation between CYP11B1 and CYP11B2 genes causes familial hyperaldosteronism type I. Journal of Endocrinological Investigation, 2011, 34, 140-144.	1.8	12
44	11Â-Hydroxysteroid Dehydrogenase Type 2 Polymorphisms and Activity in a Chilean Essential Hypertensive and Normotensive Cohort. American Journal of Hypertension, 2012, 25, 597-603.	1.0	12
45	The estimation of visceral adipose tissue with a body composition monitor predicts the metabolic syndrome. Journal of Human Nutrition and Dietetics, 2013, 26, 154-158.	1.3	12
46	Identification of novel 11Î²-HSD1 inhibitors by combined ligand- and structure-based virtual screening. Molecular and Cellular Endocrinology, 2014, 384, 71-82.	1.6	12
47	Polymorphisms in the RAC1 Gene Are Associated With Hypertension Risk Factors in a Chilean Pediatric Population. American Journal of Hypertension, 2014, 27, 299-307.	1.0	12
48	Proteomic Profile of Urinary Extracellular Vesicles Identifies AGP1 as a Potential Biomarker of Primary Aldosteronism. Endocrinology, 2021, 162, .	1.4	12
49	Primary Aldosteronism and its Impact on the Generation of Arterial Hypertension, Endothelial Injury and Oxidative Stress. Journal of Pediatric Endocrinology and Metabolism, 2010, 23, 323-30.	0.4	11
50	Sodium Intake Is associated With Endothelial Damage Biomarkers and Metabolic Dysregulation. American Journal of Hypertension, 2018, 31, 1127-1132.	1.0	11
51	A Polymorphic GT Short Tandem Repeat Affecting Î²-ENaC mRNA Expression Is Associated With Low Renin Essential Hypertension. American Journal of Hypertension, 2007, 20, 800-806.	1.0	10
52	Extracellular vesicles regulate purinergic signaling and epithelial sodium channel expression in renal collecting duct cells. FASEB Journal, 2021, 35, e21506.	0.2	9
53	Plasminogen Activator Inhibitor-1 and Adiponectin Are Associated With Metabolic Syndrome Components. American Journal of Hypertension, 2022, 35, 311-318.	1.0	9
54	Regiones polimÃ³rficas del gen 11ÃŸ-hidroxiesteroide deshidrogenasa tipo 1 (11ÃŸHSD1) en hipertensiÃ³n arterial esencial: Posible rol etiopatogÃ©nico. Revista Medica De Chile, 2008, 136, .	0.1	8

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55	Hypertensive Patients That Respond to Aldosterone Antagonists May Have a Nonclassical 11Î²-HSD2 Deficiency. American Journal of Hypertension, 2017, 30, e6-e6.	1.0	8
56	Refractory depression in a patient with peripheral resistance to thyroid hormone (RTH) and the effect of triiodothyronine treatment. Endocrine, 2007, 31, 272-278.	2.2	7
57	Novel metabolomic profile of subjects with non-classic apparent mineralocorticoid excess. Scientific Reports, 2021, 11, 17156.	1.6	7
58	Metabolic syndrome and its components are strongly associated with an inflammatory state and insulin resistance in the pediatric population. Nutricion Hospitalaria, 2015, 31, 1513-8.	0.2	7
59	New splicing mutation of MEN1 gene affecting the translocation of menin to the nucleous. Journal of Endocrinological Investigation, 2006, 29, 888-893.	1.8	6
60	Clinical and molecular characterization of Chilean patients with X-linked hypophosphatemia. Osteoporosis International, 2021, 32, 1825-1836.	1.3	6
61	Marcadores de inflamaciÃ³n endotelial subclÃnica en una familia con hiperaldosteronismo familiar tipo I por mutaciÃ³n de novo. Revista Medica De Chile, 2008, 136, .	0.1	5
62	Aldosterone and renin concentrations were abnormally elevated in a cohort of normotensive pregnant women. Endocrine, 2022, 75, 899-906.	1.1	5
63	Hiperaldosteronismo primario. Revista Medica De Chile, 2008, 136, .	0.1	4
64	Citosine-Adenine-Repeat Microsatellite of 11Î²-hydroxysteroid dehydrogenase 2 Gene in Hypertensive Children. American Journal of Hypertension, 2016, 29, 25-32.	1.0	4
65	Serum Alpha-1-Acid Glycoprotein-1 and Urinary Extracellular Vesicle miR-21-5p as Potential Biomarkers of Primary Aldosteronism. Frontiers in Immunology, 2021, 12, 768734.	2.2	4
66	Primary Hyperaldosteronism in the Hypertensive Disease. Current Hypertension Reviews, 2006, 2, 33-40.	0.5	3
67	Epigenetics and Arterial Hypertension. , 2017, , 159-184.		3
68	Extending the endocrine hypertension spectrum: novel nonclassic apparent mineralocorticoid excess. Endocrine, 2021, 74, 437-439.	1.1	3
69	Primary Aldosteronism, Aldosterone, and Extracellular Vesicles. Endocrinology, 2022, 163, .	1.4	3
70	Clinical, biochemical, and miRNA profile of subjects with positive screening of primary aldosteronism and nonclassic apparent mineralocorticoid excess. Endocrine, 2022, 77, 380-391.	1.1	3
71	A possible association between primary aldosteronism and a lower Î²-cell function. Journal of Hypertension, 2008, 26, 609-610.	0.3	1
72	Detection of a novel severe mutation affecting the CYP21A2 gene in a Chilean male with salt wasting congenital adrenal hyperplasia. Endocrine, 2020, 67, 258-263.	1.1	1

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73	Potential Role of Overexpression of 11Î²-Hydroxysteroid Dehydrogenase Type 1 in Visceral Adipose Tissue and Portal Hypercortisolism in the Pathogenesis of Non-Alcoholic Fatty Liver Disease. Gastroenterology, 2011, 140, S-904.	0.6	0
74	SAT-590 Role of Adipocyte Hyperplasia and Hypertrophy in the Release and Charge of Exosomes in Human Fat Cells. Journal of the Endocrine Society, 2020, 4, .	0.1	0
75	Relationship Between Metabolic Syndrome Components and Proinflammatory Molecules. Journal of the Endocrine Society, 2021, 5, A25-A26.	0.1	0
76	MicroRNAâ€21 Increases Aldosterone Secretion and Proliferation in H295R Human Adrenocortical Cells. FASEB Journal, 2008, 22, 736.6.	0.2	0
77	Hiperaldosteronismo primario y otras formas de hipertension arterial endocrina. Ars Medica, 2016, 41, .	0.1	0
78	Testosterona inhibe la actividad de la aldosterona sintasa silvestre y quimÃ©rica in vitro. Revista Medica De Chile, 2021, 149, 1539-1543.	0.1	0