

Cristian A Carvajal

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,335
citations

218592

26
h-index

223716

46
g-index

86
all docs

86
docs citations

86
times ranked

2817
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasminogen Activator Inhibitor-1 and Adiponectin Are Associated With Metabolic Syndrome Components. <i>American Journal of Hypertension</i> , 2022, 35, 311-318.	1.0	9
2	Aldosterone and renin concentrations were abnormally elevated in a cohort of normotensive pregnant women. <i>Endocrine</i> , 2022, 75, 899-906.	1.1	5
3	Primary Aldosteronism, Aldosterone, and Extracellular Vesicles. <i>Endocrinology</i> , 2022, 163, .	1.4	3
4	Clinical, biochemical, and miRNA profile of subjects with positive screening of primary aldosteronism and nonclassic apparent mineralocorticoid excess. <i>Endocrine</i> , 2022, 77, 380-391.	1.1	3
5	Proteomic Profile of Urinary Extracellular Vesicles Identifies AGP1 as a Potential Biomarker of Primary Aldosteronism. <i>Endocrinology</i> , 2021, 162, .	1.4	12
6	Comparing Approaches to Normalize, Quantify, and Characterize Urinary Extracellular Vesicles. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1210-1226.	3.0	53
7	Clinical and molecular characterization of Chilean patients with X-linked hypophosphatemia. <i>Osteoporosis International</i> , 2021, 32, 1825-1836.	1.3	6
8	Extracellular vesicles regulate purinergic signaling and epithelial sodium channel expression in renal collecting duct cells. <i>FASEB Journal</i> , 2021, 35, e21506.	0.2	9
9	Relationship Between Metabolic Syndrome Components and Proinflammatory Molecules. <i>Journal of the Endocrine Society</i> , 2021, 5, A25-A26.	0.1	0
10	Extending the endocrine hypertension spectrum: novel nonclassic apparent mineralocorticoid excess. <i>Endocrine</i> , 2021, 74, 437-439.	1.1	3
11	Novel metabolomic profile of subjects with non-classic apparent mineralocorticoid excess. <i>Scientific Reports</i> , 2021, 11, 17156.	1.6	7
12	Serum Alpha-1-Acid Glycoprotein-1 and Urinary Extracellular Vesicle miR-21-5p as Potential Biomarkers of Primary Aldosteronism. <i>Frontiers in Immunology</i> , 2021, 12, 768734.	2.2	4
13	Testosterona inhibe la actividad de la aldosterona sintasa silvestre y quimÁ©rica in vitro. <i>Revista Medica De Chile</i> , 2021, 149, 1539-1543.	0.1	0
14	Detection of a novel severe mutation affecting the CYP21A2 gene in a Chilean male with salt wasting congenital adrenal hyperplasia. <i>Endocrine</i> , 2020, 67, 258-263.	1.1	1
15	Classic and Nonclassic Apparent Mineralocorticoid Excess Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e924-e936.	1.8	26
16	SAT-590 Role of Adipocyte Hyperplasia and Hypertrophy in the Release and Charge of Exosomes in Human Fat Cells. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.1	0
17	The Aldosterone/Renin Ratio Predicts Cardiometabolic Disorders in Subjects Without Classic Primary Aldosteronism. <i>American Journal of Hypertension</i> , 2019, 32, 468-475.	1.0	13
18	Downregulation of exosomal miR-192-5p and miR-204-5p in subjects with nonclassic apparent mineralocorticoid excess. <i>Journal of Translational Medicine</i> , 2019, 17, 392.	1.8	17

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19	Clinical, Biochemical, and Genetic Characteristics of "Nonclassic" Apparent Mineralocorticoid Excess Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 595-603.	1.8	26
20	Serum Cortisol and Cortisone as Potential Biomarkers of Partial 11 β -Hydroxysteroid Dehydrogenase Type 2 Deficiency. <i>American Journal of Hypertension</i> , 2018, 31, 910-918.	1.0	19
21	Sodium Intake Is associated With Endothelial Damage Biomarkers and Metabolic Dysregulation. <i>American Journal of Hypertension</i> , 2018, 31, 1127-1132.	1.0	11
22	Epigenetics and Arterial Hypertension. , 2017, , 159-184.		3
23	Hypertensive Patients That Respond to Aldosterone Antagonists May Have a Nonclassical 11 β -HSD2 Deficiency. <i>American Journal of Hypertension</i> , 2017, 30, e6-e6.	1.0	8
24	Oxidative stress biomarkers in pediatric sepsis: a prospective observational pilot study. <i>Redox Report</i> , 2017, 22, 330-337.	1.4	13
25	Urinary Exosomes and Their Cargo: Potential Biomarkers for Mineralocorticoid Arterial Hypertension?. <i>Frontiers in Endocrinology</i> , 2017, 8, 230.	1.5	36
26	Cortisol/cortisone ratio and matrix metalloproteinase-9 activity are associated with pediatric primary hypertension. <i>Journal of Hypertension</i> , 2016, 34, 1808-1814.	0.3	14
27	Usefulness and Pitfalls in Sodium Intake Estimation: Comparison of Dietary Assessment and Urinary Excretion in Chilean Children and Adults. <i>American Journal of Hypertension</i> , 2016, 29, 1212-1217.	1.0	20
28	Cytosine-Adenine-Repeat Microsatellite of 11 β -hydroxysteroid dehydrogenase 2 Gene in Hypertensive Children. <i>American Journal of Hypertension</i> , 2016, 29, 25-32.	1.0	4
29	Aldosterone Production and Signaling Dysregulation in Obesity. <i>Current Hypertension Reports</i> , 2016, 18, 20.	1.5	66
30	Hiperaldosteronismo primario y otras formas de hipertension arterial endocrina. <i>Ars Medica</i> , 2016, 41, .	0.1	0
31	Pregnancy normalized familial hyperaldosteronism type I: a novel role for progesterone?. <i>Journal of Human Hypertension</i> , 2015, 29, 138-139.	1.0	17
32	The Expression of RAC1 and Mineralocorticoid Pathway-Dependent Genes are Associated With Different Responses to Salt Intake. <i>American Journal of Hypertension</i> , 2015, 28, 722-728.	1.0	13
33	Epigenetics and arterial hypertension: the challenge of emerging evidence. <i>Translational Research</i> , 2015, 165, 154-165.	2.2	83
34	Metabolic syndrome and its components are strongly associated with an inflammatory state and insulin resistance in the pediatric population. <i>Nutricion Hospitalaria</i> , 2015, 31, 1513-8.	0.2	7
35	Identification of novel 11 β -HSD1 inhibitors by combined ligand- and structure-based virtual screening. <i>Molecular and Cellular Endocrinology</i> , 2014, 384, 71-82.	1.6	12
36	LC-MS/MS Method for the Simultaneous Determination of Free Urinary Steroids. <i>Chromatographia</i> , 2014, 77, 637-642.	0.7	29

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37	Polymorphisms in the RAC1 Gene Are Associated With Hypertension Risk Factors in a Chilean Pediatric Population. <i>American Journal of Hypertension</i> , 2014, 27, 299-307.	1.0	12
38	High sodium intake is associated with increased glucocorticoid production, insulin resistance and metabolic syndrome. <i>Clinical Endocrinology</i> , 2014, 80, 677-684.	1.2	143
39	Age-Related Changes in 11 β -Hydroxysteroid Dehydrogenase Type 2 Activity in Normotensive Subjects. <i>American Journal of Hypertension</i> , 2013, 26, 481-487.	1.0	48
40	Different effects of progesterone and estradiol on chimeric and wild type aldosterone synthase in vitro. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 76.	1.4	14
41	Positive association between aldosterone α renin ratio and carotid intima α media thickness in hypertensive children. <i>Clinical Endocrinology</i> , 2013, 78, 352-357.	1.2	14
42	The estimation of visceral adipose tissue with a body composition monitor predicts the metabolic syndrome. <i>Journal of Human Nutrition and Dietetics</i> , 2013, 26, 154-158.	1.3	12
43	Overexpression of 11 β -hydroxysteroid dehydrogenase type 1 in visceral adipose tissue and portal hypercortisolism in non α alcoholic fatty liver disease. <i>Liver International</i> , 2012, 32, 392-399.	1.9	42
44	11 β -Hydroxysteroid Dehydrogenase Type 2 Polymorphisms and Activity in a Chilean Essential Hypertensive and Normotensive Cohort. <i>American Journal of Hypertension</i> , 2012, 25, 597-603.	1.0	12
45	A New Presentation of the Chimeric CYP11B1/CYP11B2 Gene With Low Prevalence of Primary Aldosteronism and Atypical Gene Segregation Pattern. <i>Hypertension</i> , 2012, 59, 85-91.	1.3	18
46	Birth weight is inversely associated with blood pressure and serum aldosterone and cortisol levels in children. <i>Clinical Endocrinology</i> , 2012, 76, 713-718.	1.2	40
47	A de novo unequal cross-over mutation between CYP11B1 and CYP11B2 genes causes familial hyperaldosteronism type I. <i>Journal of Endocrinological Investigation</i> , 2011, 34, 140-144.	1.8	12
48	Potential Role of Overexpression of 11 β -Hydroxysteroid Dehydrogenase Type 1 in Visceral Adipose Tissue and Portal Hypercortisolism in the Pathogenesis of Non-Alcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2011, 140, S-904.	0.6	0
49	Increased urinary glucocorticoid metabolites are associated with metabolic syndrome, hypoadiponectinemia, insulin resistance and β cell dysfunction. <i>Steroids</i> , 2011, 76, 1575-1581.	0.8	33
50	Overexpression of hepatic 5 β -reductase and 11 β -hydroxysteroid dehydrogenase type 1 in visceral adipose tissue is associated with hyperinsulinemia in morbidly obese patients. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 1775-1780.	1.5	34
51	Frequency of Familial Hyperaldosteronism Type 1 in a Hypertensive Pediatric Population. <i>Hypertension</i> , 2011, 57, 1117-1121.	1.3	55
52	Increased levels of oxidative stress, subclinical inflammation, and myocardial fibrosis markers in primary aldosteronism patients. <i>Journal of Hypertension</i> , 2010, 28, 2120-2126.	0.3	76
53	11 β -hydroxysteroid dehydrogenase type-2 and type-1 (11 β -HSD2 and 11 β -HSD1) and 5 β -reductase activities in the pathogenesis of essential hypertension. <i>Endocrine</i> , 2010, 37, 106-114.	1.1	39
54	Overexpression of 11 β -Hydroxysteroid Dehydrogenase Type 1 in Hepatic and Visceral Adipose Tissue is Associated with Metabolic Disorders in Morbidly Obese Patients. <i>Obesity Surgery</i> , 2010, 20, 77-83.	1.1	56

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55	Primary Aldosteronism and its Impact on the Generation of Arterial Hypertension, Endothelial Injury and Oxidative Stress. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2010, 23, 323-30.	0.4	11
56	Aldosterone Promotes Autoimmune Damage by Enhancing Th17-Mediated Immunity. <i>Journal of Immunology</i> , 2010, 184, 191-202.	0.4	147
57	Aldosterone, Plasma Renin Activity, and Aldosterone/Renin Ratio in a Normotensive Healthy Pediatric Population. <i>Hypertension</i> , 2010, 56, 391-396.	1.3	41
58	11 β -Hydroxysteroid Dehydrogenase Type 1 is Overexpressed in Subcutaneous Adipose Tissue of Morbidly Obese Patients. <i>Obesity Surgery</i> , 2009, 19, 764-770.	1.1	32
59	Primary aldosteronism can alter peripheral levels of transforming growth factor β and tumor necrosis factor α . <i>Journal of Endocrinological Investigation</i> , 2009, 32, 759-765.	1.8	34
60	Microribonucleic Acid-21 Increases Aldosterone Secretion and Proliferation in H295R Human Adrenocortical Cells. <i>Endocrinology</i> , 2008, 149, 2477-2483.	1.4	52
61	A Novel Adrenocorticotropin Receptor Mutation Alters Its Structure and Function, Causing Familial Glucocorticoid Deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 3097-3105.	1.8	14
62	A possible association between primary aldosteronism and a lower β -cell function. <i>Journal of Hypertension</i> , 2008, 26, 609-610.	0.3	1
63	Regiones polimórficas del gen 11 β -hidroxiesteroide deshidrogenasa tipo 1 (11 β HSD1) en hipertensión arterial esencial: Posible rol etiopatogénico. <i>Revista Medica De Chile</i> , 2008, 136, .	0.1	8
64	Hiperaldosteronismo primario. <i>Revista Medica De Chile</i> , 2008, 136, .	0.1	4
65	Marcadores de inflamación endotelial subclónica en una familia con hiperaldosteronismo familiar tipo I por mutación de novo. <i>Revista Medica De Chile</i> , 2008, 136, .	0.1	5
66	MicroRNA-21 Increases Aldosterone Secretion and Proliferation in H295R Human Adrenocortical Cells. <i>FASEB Journal</i> , 2008, 22, 736.6.	0.2	0
67	A possible association between primary aldosteronism and a lower β -cell function. <i>Journal of Hypertension</i> , 2007, 25, 2125-2130.	0.3	88
68	Urinary Free Cortisol Is Not a Biochemical Marker of Hypertension. <i>American Journal of Hypertension</i> , 2007, 20, 459-465.	1.0	12
69	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.	1.0	10
70	Refractory depression in a patient with peripheral resistance to thyroid hormone (RTH) and the effect of triiodothyronine treatment. <i>Endocrine</i> , 2007, 31, 272-278.	2.2	7
71	New splicing mutation of MEN1 gene affecting the translocation of menin to the nucleous. <i>Journal of Endocrinological Investigation</i> , 2006, 29, 888-893.	1.8	6
72	Primary Hyperaldosteronism in the Hypertensive Disease. <i>Current Hypertension Reviews</i> , 2006, 2, 33-40.	0.5	3

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73	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.	0.3	34
74	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.	1.8	20
75	Novel Intronic Mutation of MEN1 Gene Causing Familial Isolated Primary Hyperparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 4124-4129.	1.8	27
76	Primary Aldosteronism and Hypertensive Disease. <i>Hypertension</i> , 2003, 42, 161-165.	1.3	433
77	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.	1.8	45
78	Endothelial cell oxidative stress and signal transduction. <i>Biological Research</i> , 2000, 33, 89-96.	1.5	71