# Carlos E Fardella

List of Publications by Year
in descending order

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|---|---|---|---|
| 77 papers | 5,583 citations | 147801 31 h-index | 76900 74 g-index |
| 83 all docs | 83 docs citations | 83 times ranked | 4658 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Case Detection, Diagnosis, and Treatment of Patients with Primary Aldosteronism: An Endocrine Society Clinical Practice Guideline. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3266-3281. | 3.6 | 1,440 |
| 2 | Increased Diagnosis of Primary Aldosteronism, Including Surgically Correctable Forms, in Centers from Five Continents. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1045-1050. | 3.6 | 862 |
| 3 | Primary Aldosteronism and Hypertensive Disease. Hypertension, 2003, 42, 161-165. | 2.7 | 433 |
| 4 | Primary Hyperaldosteronism in Essential Hypertensives: Prevalence, Biochemical Profile, and Molecular Biology<sup>1</sup>. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1863-1867. | 3.6 | 381 |
| 5 | Role of the Renin-Angiotensin-Aldosterone System beyond Blood Pressure Regulation: Molecular and Cellular Mechanisms Involved in End-Organ Damage during Arterial Hypertension. International Journal of Molecular Sciences, 2016, 17, 797. | 4.1 | 197 |
| 6 | Comparison of Confirmatory Tests for the Diagnosis of Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2618-2623. | 3.6 | 174 |
| 7 | Aldosterone Promotes Autoimmune Damage by Enhancing Th17-Mediated Immunity. Journal of Immunology, 2010, 184, 191-202. | 0.8 | 147 |
| 8 | High sodium intake is associated with increased glucocorticoid production, insulin resistance and metabolic syndrome. Clinical Endocrinology, 2014, 80, 677-684. | 2.4 | 143 |
| 9 | Continuum of Renin-Independent Aldosteronism in Normotension. Hypertension, 2017, 69, 950-956. | 2.7 | 122 |
| 10 | A possible association between primary aldosteronism and a lower Î²-cell function. Journal of Hypertension, 2007, 25, 2125-2130. | 0.5 | 88 |
| 11 | Modulating the function of the immune system by thyroid hormones and thyrotropin. Immunology Letters, 2017, 184, 76-83. | 2.5 | 86 |
| 12 | Epigenetics and arterial hypertension: the challenge of emerging evidence. Translational Research, 2015, 165, 154-165. | 5.0 | 83 |
| 13 | Increased levels of oxidative stress, subclinical inflammation, and myocardial fibrosis markers in primary aldosteronism patients. Journal of Hypertension, 2010, 28, 2120-2126. | 0.5 | 76 |
| 14 | Aldosterone Production and Signaling Dysregulation in Obesity. Current Hypertension Reports, 2016, 18, 20. | 3.5 | 66 |
| 15 | Aldosterone as a modulator of immunity. Journal of Hypertension, 2011, 29, 1684-1692. | 0.5 | 57 |
| 16 | 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. | 2.1 | 56 |
| 17 | Frequency of Familial Hyperaldosteronism Type 1 in a Hypertensive Pediatric Population. Hypertension, 2011, 57, 1117-1121. | 2.7 | 55 |
| 18 | Age-Related Changes in 11Â-Hydroxysteroid Dehydrogenase Type 2 Activity in Normotensive Subjects. American Journal of Hypertension, 2013, 26, 481-487. | 2.0 | 48 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Beneficial effects of mineralocorticoid receptor blockade in experimental nonâ€alcoholic steatohepatitis. Liver International, 2015, 35, 2129-2138. | 3.9 | 48 |
| 20 | Serum 18-Hydroxycortisol in Primary Aldosteronism, Hypertension, and Normotensives. Hypertension, 2001, 38, 688-691. | 2.7 | 47 |
| 21 | 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. | 3.6 | 45 |
| 22 | Intracellular calcium and blood pressure: Comparison between primary hyperparathyroidism and essential hypertension. Journal of Endocrinological Investigation, 1995, 18, 827-832. | 3.3 | 43 |
| 23 | 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. | 3.9 | 42 |
| 24 | Aldosterone, Plasma Renin Activity, and Aldosterone/Renin Ratio in a Normotensive Healthy Pediatric Population. Hypertension, 2010, 56, 391-396. | 2.7 | 41 |
| 25 | Birth weight is inversely associated with blood pressure and serum aldosterone and cortisol levels in children. Clinical Endocrinology, 2012, 76, 713-718. | 2.4 | 40 |
| 26 | 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. | 2.3 | 39 |
| 27 | Biochemical and genetic characterization of 11 ??-hydroxysteroid dehydrogenase type 2 in low-renin essential hypertensives. Journal of Hypertension, 2005, 23, 71-77. | 0.5 | 34 |
| 28 | Primary aldosteronism can alter peripheral levels of transforming growth factor Î² and tumor necrosis factor Î±. Journal of Endocrinological Investigation, 2009, 32, 759-765. | 3.3 | 34 |
| 29 | 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. | 3.4 | 34 |
| 30 | Increased urinary glucocorticoid metabolites are associated with metabolic syndrome, hypoadiponectinemia, insulin resistance and Î² cell dysfunction. Steroids, 2011, 76, 1575-1581. | 1.8 | 33 |
| 31 | 11Î²-Hydroxysteroid Dehydrogenase Type 1 is Overexpressed in Subcutaneous Adipose Tissue of Morbidly Obese Patients. Obesity Surgery, 2009, 19, 764-770. | 2.1 | 32 |
| 32 | Genetic Study of Patients with Dexamethasone-Suppressible Aldosteronism without the Chimeric CYP11B1/CYP11B2 Gene. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4805-4807. | 3.6 | 31 |
| 33 | LCâ€“MS/MS Method for the Simultaneous Determination of Free Urinary Steroids. Chromatographia, 2014, 77, 637-642. | 1.3 | 29 |
| 34 | Clinical, Biochemical, and Genetic Characteristics of â€œNonclassicâ€•Apparent Mineralocorticoid Excess Syndrome. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 595-603. | 3.6 | 26 |
| 35 | Classic and Nonclassic Apparent Mineralocorticoid Excess Syndrome. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e924-e936. | 3.6 | 26 |
| 36 | The impact of the micronutrient iodine in health and diseases. Critical Reviews in Food Science and Nutrition, 2022, 62, 1466-1479. | 10.3 | 26 |

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|---|---|---|---|
| 37 | High prevalence of thyroid abnormalities in a Chilean psychiatric outpatient population. Journal of Endocrinological Investigation, 2000, 23, 102-106. | 3.3 | 21 |
| 38 | Genetics of Hypertensive Syndrome. Hormone Research in Paediatrics, 2009, 71, 253-259. | 1.8 | 21 |
| 39 | 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. | 2.0 | 20 |
| 40 | Serum Cortisol and Cortisone as Potential Biomarkers of Partial 11Î²-Hydroxysteroid Dehydrogenase Type 2 Deficiency. American Journal of Hypertension, 2018, 31, 910-918. | 2.0 | 19 |
| 41 | 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. | 2.7 | 18 |
| 42 | Downregulation of exosomal miR-192-5p and miR-204-5p in subjects with nonclassic apparent mineralocorticoid excess. Journal of Translational Medicine, 2019, 17, 392. | 4.4 | 17 |
| 43 | Eplerenone Implantation Improved Adipose Dysfunction Averting RAAS Activation and Cell Division. Frontiers in Endocrinology, 2020, 11, 223. | 3.5 | 16 |
| 44 | Different effects of progesterone and estradiol on chimeric and wild type aldosterone synthase in vitro. Reproductive Biology and Endocrinology, 2013, 11, 76. | 3.3 | 14 |
| 45 | Positive association between aldosteroneâ€renin ratio and carotid intimaâ€media thickness in hypertensive children. Clinical Endocrinology, 2013, 78, 352-357. | 2.4 | 14 |
| 46 | Cortisol/cortisone ratio and matrix metalloproteinase-9 activity are associated with pediatric primary hypertension. Journal of Hypertension, 2016, 34, 1808-1814. | 0.5 | 14 |
| 47 | Imprinting of maternal thyroid hormones in the offspring. International Reviews of Immunology, 2017, 36, 240-255. | 3.3 | 14 |
| 48 | 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. | 2.0 | 13 |
| 49 | The Aldosterone/Renin Ratio Predicts Cardiometabolic Disorders in Subjects Without Classic Primary Aldosteronism. American Journal of Hypertension, 2019, 32, 468-475. | 2.0 | 13 |
| 50 | 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. | 3.3 | 12 |
| 51 | 11Â-Hydroxysteroid Dehydrogenase Type 2 Polymorphisms and Activity in a Chilean Essential Hypertensive and Normotensive Cohort. American Journal of Hypertension, 2012, 25, 597-603. | 2.0 | 12 |
| 52 | Identification of novel 11Î²-HSD1 inhibitors by combined ligand- and structure-based virtual screening. Molecular and Cellular Endocrinology, 2014, 384, 71-82. | 3.2 | 12 |
| 53 | Proteomic Profile of Urinary Extracellular Vesicles Identifies AGP1 as a Potential Biomarker of Primary Aldosteronism. Endocrinology, 2021, 162, . | 2.8 | 12 |
| 54 | 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. | 0.9 | 11 |

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|---|---|---|---|
| 55 | Sodium Intake Is associated With Endothelial Damage Biomarkers and Metabolic Dysregulation. American Journal of Hypertension, 2018, 31, 1127-1132. | 2.0 | 11 |
| 56 | Primary aldosteronism. Clinical Laboratory, 2002, 48, 181-90. | 0.5 | 11 |
| 57 | Authorsâ€™ Response: Prevalence of Primary Aldosteronism in Unselected Hypertensive Populationsâ€”Screening and Definitive Diagnosis. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4003-4004. | 3.6 | 10 |
| 58 | 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. | 2.0 | 10 |
| 59 | Plasminogen Activator Inhibitor-1 and Adiponectin Are Associated With Metabolic Syndrome Components. American Journal of Hypertension, 2022, 35, 311-318. | 2.0 | 9 |
| 60 | Hypertensive Patients That Respond to Aldosterone Antagonists May Have a Nonclassical 11Î²-HSD2 Deficiency. American Journal of Hypertension, 2017, 30, e6-e6. | 2.0 | 8 |
| 61 | 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 |
| 62 | Novel metabolomic profile of subjects with non-classic apparent mineralocorticoid excess. Scientific Reports, 2021, 11, 17156. | 3.3 | 7 |
| 63 | New splicing mutation of MEN1 gene affecting the translocation of menin to the nucleous. Journal of Endocrinological Investigation, 2006, 29, 888-893. | 3.3 | 6 |
| 64 | Urinary sodium-to-potassium ratio and plasma renin and aldosterone concentrations in normotensive children: implications for the interpretation of results. Journal of Hypertension, 2020, 38, 671-678. | 0.5 | 5 |
| 65 | Aldosterone and renin concentrations were abnormally elevated in a cohort of normotensive pregnant women. Endocrine, 2022, 75, 899-906. | 2.3 | 5 |
| 66 | Association of adrenal medullar and cortical nodular hyperplasia. Endocrine, 2006, 30, 389-396. | 2.2 | 4 |
| 67 | Hiperaldosteronismo primario. Revista Medica De Chile, 2008, 136, . | 0.2 | 4 |
| 68 | Citosine-Adenine-Repeat Microsatellite of 11Î²-hydroxysteroid dehydrogenase 2 Gene in Hypertensive Children. American Journal of Hypertension, 2016, 29, 25-32. | 2.0 | 4 |
| 69 | 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. | 4.8 | 4 |
| 70 | Cautions over idiopathic aldosteronism. Lancet, The, 2001, 358, 333-334. | 13.7 | 3 |
| 71 | Primary Hyperaldosteronism in the Hypertensive Disease. Current Hypertension Reviews, 2006, 2, 33-40. | 0.9 | 3 |
| 72 | Extending the endocrine hypertension spectrum: novel nonclassic apparent mineralocorticoid excess. Endocrine, 2021, 74, 437-439. | 2.3 | 3 |

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|---|---|---|---|
| 73 | Primary Aldosteronism, Aldosterone, and Extracellular Vesicles. Endocrinology, 2022, 163, . | 2.8 | 3 |
| 74 | Clinical, biochemical, and miRNA profile of subjects with positive screening of primary aldosteronism and nonclassic apparent mineralocorticoid excess. Endocrine, 2022, 77, 380-391. | 2.3 | 3 |
| 75 | Neurobehavioral and psychological changes induced by hyperthyroidism: diagnostic and therapeutic implications. Expert Review of Neurotherapeutics, 2002, 2, 709-716. | 2.8 | 2 |
| 76 | A possible association between primary aldosteronism and a lower Î²-cell function. Journal of Hypertension, 2008, 26, 609-610. | 0.5 | 1 |
| 77 | Depressive symptoms are associated with higher morning plasma cortisol in primary care subjects. Neuroendocrinology Letters, 2018, 39, 288-293. | 0.2 | 1 |