# Pedro A Jose

List of Publications by Year
in descending order



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|---|---|---|---|
| 69 papers | 1,533 citations | 279487 23 h-index | 344852 36 g-index |
| 70 all docs | 70 docs citations | 70 times ranked | 2492 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Plasma long non-coding RNA, CoroMarker, a novel biomarker for diagnosis of coronary artery disease. Clinical Science, 2015, 129, 675-685. | 1.8 | 145 |
| 2 | Gut microbiota in hypertension. Current Opinion in Nephrology and Hypertension, 2015, 24, 403-409. | 1.0 | 142 |
| 3 | Circulating â€˜lncRNA OTTHUMT00000387022â€™ from monocytes as a novel biomarker for coronary artery disease. Cardiovascular Research, 2016, 112, 714-724. | 1.8 | 88 |
| 4 | Transferred BCR/ABL DNA from K562 Extracellular Vesicles Causes Chronic Myeloid Leukemia in Immunodeficient Mice. PLoS ONE, 2014, 9, e105200. | 1.1 | 62 |
| 5 | 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. | 1.3 | 50 |
| 6 | Smad2 and Myocardin-Related Transcription Factor B Cooperatively Regulate Vascular Smooth Muscle Differentiation From Neural Crest Cells. Circulation Research, 2013, 113, e76-86. | 2.0 | 46 |
| 7 | miR-217 Mediates the Protective Effects of the Dopamine D2 Receptor on Fibrosis in Human Renal Proximal Tubule Cells. Hypertension, 2015, 65, 1118-1125. | 1.3 | 43 |
| 8 | Increased mitochondrial activity in renal proximal tubule cells from young spontaneously hypertensive rats. Kidney International, 2014, 85, 561-569. | 2.6 | 42 |
| 9 | Unique role of NADPH oxidase 5 in oxidative stress in human renal proximal tubule cells. Redox Biology, 2014, 2, 570-579. | 3.9 | 40 |
| 10 | GiÎ±3 protein-coupled dopamine D3 receptor-mediated inhibition of renal NHE3 activity in SHR proximal tubular cells is a PLC-PKC-mediated event. American Journal of Physiology - Renal Physiology, 2004, 287, F1059-F1066. | 1.3 | 36 |
| 11 | Renal rescue of dopamine D2 receptor function reverses renal injury and high blood pressure. JCI Insight, 2016, 1, . | 2.3 | 36 |
| 12 | The renal dopaminergic system: novel diagnostic and therapeutic approaches in hypertension and kidney disease. Translational Research, 2015, 165, 505-511. | 2.2 | 35 |
| 13 | 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. | 1.3 | 35 |
| 14 | Association Between Serum Uric Acid Levels/Hyperuricemia and Hypertension Among 85,286 Japanese Workers. Journal of Clinical Hypertension, 2016, 18, 53-59. | 1.0 | 33 |
| 15 | Macrophage migration inhibitory factor triggers vascular smooth muscle cell dedifferentiation by a p68-serum response factor axis. Cardiovascular Research, 2017, 113, 519-530. | 1.8 | 30 |
| 16 | G Protein-Coupled Receptor Kinase 4. Hypertension, 2015, 65, 1148-1155. | 1.3 | 29 |
| 17 | Human GRK4Î³ <sup> 142V </sup> Variant Promotes Angiotensin II Type I Receptorâ€“Mediated Hypertension via Renal Histone Deacetylase Type 1 Inhibition. Hypertension, 2016, 67, 325-334. | 1.3 | 28 |
| 18 | The cooperative roles of the dopamine receptors, D 1 R and D 5 R, on the regulation of renal sodium transport. Kidney International, 2014, 86, 118-126. | 2.6 | 27 |

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|---|---|---|---|
| 19 | Nephron segment-specific gene expression using AAV vectors. Biochemical and Biophysical Research Communications, 2018, 497, 19-24. | 1.0 | 27 |
| 20 | VEGF-A and VEGFR1 SNPs associate with preeclampsia in a Philippine population. Clinical and Experimental Hypertension, 2016, 38, 578-585. | 0.5 | 26 |
| 21 | Dopamine D<sub>2</sub>receptors' effects on renal inflammation are mediated by regulation of PP2A function. American Journal of Physiology - Renal Physiology, 2016, 310, F128-F134. | 1.3 | 26 |
| 22 | Differential dopamine receptor subtype regulation of adenylyl cyclases in lipid rafts in human embryonic kidney and renal proximal tubule cells. Cellular Signalling, 2014, 26, 2521-2529. | 1.7 | 25 |
| 23 | Prenatal lipopolysaccharide exposure results in dysfunction of the renal dopamine D1 receptor in offspring. Free Radical Biology and Medicine, 2014, 76, 242-250. | 1.3 | 25 |
| 24 | The Synergistic Roles of Cholecystokinin B and Dopamine D5 Receptors on the Regulation of Renal Sodium Excretion. PLoS ONE, 2016, 11, e0146641. | 1.1 | 25 |
| 25 | Regulation of blood pressure, oxidative stress and AT1R by high salt diet in mutant human dopamine D5 receptor transgenic mice. Hypertension Research, 2015, 38, 394-399. | 1.5 | 24 |
| 26 | Activation of D <sub>4</sub> Dopamine Receptor Decreases Angiotensin II Type 1 Receptor Expression in Rat Renal Proximal Tubule Cells. Hypertension, 2015, 65, 153-160. | 1.3 | 24 |
| 27 | Dopamine D2 receptor modulates Wnt expression and control of cell proliferation. Scientific Reports, 2019, 9, 16861. | 1.6 | 23 |
| 28 | In Utero Exposure to Fine Particulate Matter Causes Hypertension Due to Impaired Renal Dopamine D1 Receptor in Offspring. Cellular Physiology and Biochemistry, 2018, 46, 148-159. | 1.1 | 22 |
| 29 | Evidence for a regulated Ca2+ entry in proximal tubular cells and its implication in calcium stone formation. Journal of Cell Science, 2019, 132, . | 1.2 | 22 |
| 30 | Dopamine D1 Receptor Regulation of Phospholipase C. Hypertension Research, 1995, 18, S39-S42. | 1.5 | 21 |
| 31 | The sodium-bicarbonate cotransporter NBCe2 (slc4a5) expressed in human renal proximal tubules shows increased apical expression under high-salt conditions. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1447-R1459. | 0.9 | 21 |
| 32 | Renal Dopamine Receptors and Oxidative Stress: Role in Hypertension. Antioxidants and Redox Signaling, 2021, 34, 716-735. | 2.5 | 20 |
| 33 | The Renin-Angiotensin and Renal Dopaminergic Systems Interact in Normotensive Humans. Journal of the American Society of Nephrology: JASN, 2016, 27, 265-279. | 3.0 | 19 |
| 34 | Inhibitory effect of ETB receptor on Na+â€“K+ ATPase activity by extracellular Ca2+ entry and Ca2+ release from the endoplasmic reticulum in renal proximal tubule cells. Hypertension Research, 2009, 32, 846-852. | 1.5 | 18 |
| 35 | Increased renal oxidative stress in salt-sensitive human GRK4Î³486V transgenic mice. Free Radical Biology and Medicine, 2017, 106, 80-90. | 1.3 | 18 |
| 36 | Characterization of the 5â€² flanking region of the rat D3 dopamine receptor gene. Journal of Neurochemistry, 2001, 76, 1736-1744. | 2.1 | 17 |

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|---|---|---|---|
| 37 | Activation of the D4 dopamine receptor attenuates proliferation and migration of vascular smooth muscle cells through downregulation of AT1a receptor expression. Hypertension Research, 2015, 38, 588-596. | 1.5 | 16 |
| 38 | Loss of renal SNX5 results in impaired IDE activity and insulin resistance in mice. Diabetologia, 2018, 61, 727-737. | 2.9 | 16 |
| 39 | Enhanced Natriuresis and Diuresis in Wistar Rats Caused by the Costimulation of Renal Dopamine D3and Angiotensin II Type 2 Receptors. American Journal of Hypertension, 2015, 28, 1267-1276. | 1.0 | 15 |
| 40 | Cardiac troponin I exacerbates myocardial ischaemia/reperfusion injury by inducing the adhesion of monocytes to vascular endothelial cells via a TLR4/NF-ÎºB-dependent pathway. Clinical Science, 2016, 130, 2279-2293. | 1.8 | 14 |
| 41 | Gastrin, via activation of PPARÎ±, protects the kidney against hypertensive injury. Clinical Science, 2021, 135, 409-427. | 1.8 | 13 |
| 42 | Transplantation of Apoptosisâ€Resistant Endothelial Progenitor Cells Improves Renal Function in Diabetic Kidney Disease. Journal of the American Heart Association, 2021, 10, e019365. | 1.6 | 12 |
| 43 | MicroRNA-874-3p/ADAM (A Disintegrin and Metalloprotease) 19 Mediates Macrophage Activation and Renal Fibrosis After Acute Kidney Injury. Hypertension, 2021, 77, 1613-1626. | 1.3 | 12 |
| 44 | The Renal Sodium Bicarbonate Cotransporter NBCe2: Is It a Major Contributor to Sodium and pH Homeostasis?. Current Hypertension Reports, 2016, 18, 71. | 1.5 | 11 |
| 45 | Prenatal cold exposure causes hypertension in offspring by hyperactivity of the sympathetic nervous system. Clinical Science, 2019, 133, 1097-1113. | 1.8 | 11 |
| 46 | Stomach gastrin is regulated by sodium via PPAR-Î± and dopamine D1 receptor. Journal of Molecular Endocrinology, 2020, 64, 53-65. | 1.1 | 11 |
| 47 | 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. | 1.8 | 9 |
| 48 | Loss of NHERF-1 expression prevents dopamine-mediated Na-K-ATPase regulation in renal proximal tubule cells from rat models of hypertension: aged F344 rats and spontaneously hypertensive rats. American Journal of Physiology - Cell Physiology, 2017, 313, C197-C206. | 2.1 | 8 |
| 49 | Sorting nexin 1 loss results in increased oxidative stress and hypertension. FASEB Journal, 2020, 34, 7941-7957. | 0.2 | 8 |
| 50 | 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. | 1.3 | 7 |
| 51 | D<sub>1</sub>-like dopamine receptors downregulate Na<sup>+</sup>-K<sup>+</sup>-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. | 0.9 | 6 |
| 52 | Sodium-hydrogen exchanger regulatory factor-1 (NHERF1) confers salt sensitivity in both male and female models of hypertension in aging. Life Sciences, 2020, 243, 117226. | 2.0 | 4 |
| 53 | Epithelial Sodium Channel Alpha Subunit (Î±ENaC) Is Associated with Inverse Salt Sensitivity of Blood Pressure. Biomedicines, 2022, 10, 981. | 1.4 | 3 |
| 54 | Association between control to target blood pressures and healthy lifestyle factors among Japanese hypertensive patients: Longitudinal data analysis from Fukushima Research of Hypertension (FRESH). Obesity Research and Clinical Practice, 2014, 8, e364-e373. | 0.8 | 2 |

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|---|---|---|---|
| 55 | Elucidating the Role of Lipid Rafts on G Protein-Coupled Receptor Function in the Mouse Kidney: An In Vivo Approach. Methods in Molecular Biology, 2021, 2187, 187-206. | 0.4 | 1 |
| 56 | Increased Renal Oxidative Stress in hGRK4 486V Transgenic Mice. FASEB Journal, 2015, 29, 811.25. | 0.2 | 1 |
| 57 | DJâ€1 protects against renal mitochondrial oxidative stress and T cell infiltration. FASEB Journal, 2018, 32, 716.19. | 0.2 | 1 |
| 58 | Minocycline Normalizes the Hypertension in Gastrin â^'/â^' Mice. FASEB Journal, 2019, 33, . | 0.2 | 1 |
| 59 | Genomics and pharmacogenomics of salt-sensitive hypertension Minireview. Current Hypertension Reviews, 2015, 11, 49-56. | 0.5 | 1 |
| 60 | Isolation of Lipid Rafts by the Detergent-Based and Non-detergent-Based Methods for Localization of GPCRs with Immunoblotting and Laser Scanning Confocal Microscopy. Methods in Molecular Biology, 2021, 2268, 1-20. | 0.4 | 0 |
| 61 | Differential targeting of NADPH oxidase to lipid rafts of renal proximal tubule cells. FASEB Journal, 2007, 21, A900. | 0.2 | 0 |
| 62 | Comparative Effects of Antioxidants on Ang Iiâ€induced Superoxide Generation by SHR Preglomerular Vascular Smooth Muscle Cells (PGVSMCs). FASEB Journal, 2007, 21, A820. | 0.2 | 0 |
| 63 | Regulation of D5 dopamine receptor signaling in lipid rafts in HEKâ€293 Cells. FASEB Journal, 2012, 26, 993.2. | 0.2 | 0 |
| 64 | Renal subcapsular infusion of siRNA as a novel method of gene silencing in the kidney. FASEB Journal, 2013, 27, 1217.30. | 0.2 | 0 |
| 65 | Comparison of protein expression in kidney tubular apical and basolateral membranes in young and old rats. FASEB Journal, 2015, 29, 969.9. | 0.2 | 0 |
| 66 | Abstract P290: Human Stomach Gastrin is Regulated by Sodium Human Stomach Gastrin Secretion is Regulated by Ingested Sodium and the Dopamine 1 Receptor. Hypertension, 2016, 68, . | 1.3 | 0 |
| 67 | Abstract 089: Dopamine D <sub>2</sub> Receptor is Associated with Inverse Salt Sensitivity. Hypertension, 2016, 68, . | 1.3 | 0 |
| 68 | Expression Profile of G Proteinâ€Coupled Receptor 37L1 in mouse. FASEB Journal, 2018, 32, 755.6. | 0.2 | 0 |
| 69 | Abstract P146: Dopaminergic Stimulation Increases Gastrin Secretion via a PKA-PPAR-Alpha Pathway. Hypertension, 2019, 74, . | 1.3 | 0 |