

# Pedro Gomes

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,194  
citations

331670

21  
h-index

377865

34  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1664  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging Role of Sirtuin 2 in the Regulation of Mammalian Metabolism. Trends in Pharmacological Sciences, 2015, 36, 756-768.	8.7	201
2	L-DOPA transport properties in an immortalised cell line of rat capillary cerebral endothelial cells, RBE 4. Brain Research, 1999, 829, 143-150.	2.2	82
3	The NAD <sup>+</sup> -dependent deacetylase SIRT2 attenuates oxidative stress and mitochondrial dysfunction and improves insulin sensitivity in hepatocytes. Human Molecular Genetics, 2017, 26, 4105-4117.	2.9	67
4	Xanthohumol Modulates Inflammation, Oxidative Stress, and Angiogenesis in Type 1 Diabetic Rat Skin Wound Healing. Journal of Natural Products, 2013, 76, 2047-2053.	3.0	65
5	Ageing increases Oxidative Stress and Renal Expression of Oxidant and Antioxidant Enzymes that Are Associated with an Increased Trend in Systolic Blood Pressure. Oxidative Medicine and Cellular Longevity, 2009, 2, 138-145.	4.0	59
6	Role of cAMP-PKA-PLC signaling cascade on dopamine-induced PKC-mediated inhibition of renal Na <sup>+</sup> -K <sup>+</sup> -ATPase activity. American Journal of Physiology - Renal Physiology, 2002, 282, F1084-F1096.	2.7	54
7	Low auxotrophy-complementing amino acid concentrations reduce yeast chronological life span. Mechanisms of Ageing and Development, 2007, 128, 383-391.	4.6	49
8	Over-expression of renal LAT1 and LAT2 and enhanced L-DOPA uptake in SHR immortalized renal proximal tubular cells. Kidney International, 2004, 66, 216-226.	5.2	42
9	Diet-Induced Rodent Models of Diabetic Peripheral Neuropathy, Retinopathy and Nephropathy. Nutrients, 2020, 12, 250.	4.1	41
10	Ouabain-insensitive acidification by dopamine in renal OK cells: primary control of the Na <sup>+</sup> /H <sup>+</sup> -exchanger. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R10-R18.	1.8	38
11	Dopamine D <sub>3</sub> receptor-mediated inhibition of Na <sup>+</sup> /H <sup>+</sup> exchanger activity in normotensive and spontaneously hypertensive rat proximal tubular epithelial cells. British Journal of Pharmacology, 2004, 142, 1343-1353.	5.4	37
12	Diet-induced rodent models of obesity-related metabolic disorders – A guide to a translational perspective. Obesity Reviews, 2020, 21, e13081.	6.5	37
13	G $\beta$ 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.	2.7	36
14	Dopamine acutely decreases type 3 Na <sup>+</sup> /H <sup>+</sup> exchanger activity in renal OK cells through the activation of protein kinases A and C signalling cascades. European Journal of Pharmacology, 2004, 488, 51-59.	3.5	33
15	Organ-Specific Overexpression of Renal LAT2 and Enhanced Tubular L-DOPA Uptake Precede the Onset of Hypertension. Hypertension, 2003, 42, 613-618.	2.7	29
16	Age-related changes in renal expression of oxidant and antioxidant enzymes and oxidative stress markers in male SHR and WKY rats. Experimental Gerontology, 2011, 46, 468-474.	2.8	28
17	A Molecular Perspective on Sirtuin Activity. International Journal of Molecular Sciences, 2020, 21, 8609.	4.1	28
18	Distinct Signalling Cascades Downstream to G $\beta$ 3 Coupled Dopamine D <sub>1</sub> -like NHE3 Inhibition in Rat and Opossum Renal Epithelial Cells. Cellular Physiology and Biochemistry, 2004, 14, 91-100.	1.6	27

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19	D1-like dopamine receptor activation and natriuresis by nitrocatechol COMT inhibitors. <i>Kidney International</i> , 2001, 59, 1683-1694.	5.2	25
20	Role of oxidative stress-induced systemic and cavernosal molecular alterations in the progression of diabetic erectile dysfunction. <i>Journal of Cellular Biochemistry</i> , 2011, 102, 1433-1443.	1.8	25
21	Dichotomous Sirtuins: Implications for Drug Discovery in Neurodegenerative and Cardiometabolic Diseases. <i>Trends in Pharmacological Sciences</i> , 2019, 40, 1021-1039.	8.7	24
22	D <sub>2</sub> -like receptor-mediated inhibition of Na <sup>+</sup> -K <sup>+</sup> -ATPase activity is dependent on the opening of K <sup>+</sup> channels. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, F114-F123.	2.7	23
23	Blueberry as an Attractive Functional Fruit to Prevent (Pre)Diabetes Progression. <i>Antioxidants</i> , 2021, 10, 1162.	5.1	19
24	Differentially expressed angiogenic genes in diabetic erectile tissue – Results from a microarray screening. <i>Molecular Genetics and Metabolism</i> , 2012, 105, 255-262.	1.1	15
25	Na <sup>+</sup> /H <sup>+</sup> Exchanger Activity and Dopamine D <sub>1</sub> -Like Receptor Function in two Opossum Kidney Cell Clonal Sublines. <i>Cellular Physiology and Biochemistry</i> , 2002, 12, 259-268.	1.6	13
26	Loss of oxidative stress tolerance in hypertension is linked to reduced catalase activity and increased c-Jun NH2-terminal kinase activation. <i>Free Radical Biology and Medicine</i> , 2013, 56, 112-122.	2.9	13
27	Expression and function of sodium transporters in two opossum kidney cell clonal sublines. <i>American Journal of Physiology - Renal Physiology</i> , 2002, 283, F73-F85.	2.7	12
28	Age-related changes in the renal dopaminergic system and expression of renal amino acid transporters in WKY and SHR rats. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 298-304.	4.6	12
29	Upregulation of apical NHE3 in renal OK cells overexpressing the rodent $\alpha$ 1-subunit of the Na <sup>+</sup> pump. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 290, R1142-R1150.	1.8	10
30	Vasculogenesis and Diabetic Erectile Dysfunction: How Relevant Is Glycemic Control?. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 82-91.	2.6	10
31	SIRT2 Deficiency Exacerbates Hepatic Steatosis via a Putative Role of the ER Stress Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6790.	4.1	9
32	H <sub>2</sub> O <sub>2</sub> stimulates Cl <sup>-</sup> /HCO <sub>3</sub> <sup>-</sup> exchanger activity through oxidation of thiol groups in immortalized SHR renal proximal tubular epithelial cells. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 3660-3665.	2.6	8
33	Dopamine D <sub>2</sub> -like receptor-mediated opening of K <sup>+</sup> channels in opossum kidney cells. <i>British Journal of Pharmacology</i> , 2003, 138, 968-976.	5.4	7
34	Identification of SLC26A transporters involved in the Cl <sup>-</sup> /HCO <sub>3</sub> <sup>-</sup> exchange in proximal tubular cells from WKY and SHR. <i>Life Sciences</i> , 2013, 93, 435-440.	4.3	7
35	Competitive and non-competitive inhibition of l-3,4-dihydroxyphenylalanine uptake in Opossum kidney cells. <i>European Journal of Pharmacology</i> , 1997, 332, 219-225.	3.5	3
36	Long-term food restriction attenuates age-related changes in the expression of renal aldosterone-sensitive sodium transporters in Wistar-Kyoto rats: A comparison with SHR. <i>Experimental Gerontology</i> , 2012, 47, 644-653.	2.8	3

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37	Role of Oxidative Stress in the Pathophysiology of Arterial Hypertension and Heart Failure. , 2019, , 509-537.		3
38	Blueberry effects on prediabetic nephropathyâ€”a preclinical in vivo approach. European Journal of Public Health, 2021, 31, .	0.3	0
39	The impact of refined food processing on the kidneyâ€”preclinical evaluation. European Journal of Public Health, 2021, 31, .	0.3	0
40	Insulin resistance is associated with reduced levels of the ageâ€”related protein SIRT2. FASEB Journal, 2012, 26, 686.23.	0.5	0