Pedro Gomes

List of Publications by Year in descending order

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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	SIRT2 Deficiency Exacerbates Hepatic Steatosis via a Putative Role of the ER Stress Pathway. International Journal of Molecular Sciences, 2022, 23, 6790.	4.1	9
2	Blueberry as an Attractive Functional Fruit to Prevent (Pre)Diabetes Progression. Antioxidants, 2021, 10, 1162.	5.1	19
3	Blueberry effects on prediabetic nephropathyâ€"a preclinical in vivo approach. European Journal of Public Health, 2021, 31, .	0.3	0
4	The impact of refined food processing on the kidneyâ€"preclinical evaluation. European Journal of Public Health, 2021, 31, .	0.3	0
5	A Molecular Perspective on Sirtuin Activity. International Journal of Molecular Sciences, 2020, 21, 8609.	4.1	28
6	Dietâ€induced rodent models of obesityâ€related metabolic disordersâ€"A guide to a translational perspective. Obesity Reviews, 2020, 21, e13081.	6.5	37
7	Diet-Induced Rodent Models of Diabetic Peripheral Neuropathy, Retinopathy and Nephropathy. Nutrients, 2020, 12, 250.	4.1	41
8	Dichotomous Sirtuins: Implications for Drug Discovery in Neurodegenerative and Cardiometabolic Diseases. Trends in Pharmacological Sciences, 2019, 40, 1021-1039.	8.7	24
9	Role of Oxidative Stress in the Pathophysiology of Arterial Hypertension and Heart Failure. , 2019, , 509-537.		3
10	Vasculogenesis and Diabetic Erectile Dysfunction: How Relevant Is Glycemic Control?. Journal of Cellular Biochemistry, 2017, 118, 82-91.	2.6	10
11	The NAD+-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
12	Role of oxidative stressâ€induced systemic and cavernosal molecular alterations in the progression of diabetic erectile dysfunctionåœ¨ç³–å°¿ç—…æ€§å‹ƒèµ·åŠŸèƒ½éšœç¢çš„è¿›å±•è¿‡ç¨‹ä¸çš„æ°§åŒ–åº”æ¿€æ€§æ”¹å˜åŠæµ·ç	1.8	25
13	Emerging Role of Sirtuin 2 in the Regulation of Mammalian Metabolism. Trends in Pharmacological Sciences, 2015, 36, 756-768.	8.7	201
14	Loss of oxidative stress tolerance in hypertension is linked to reduced catalase activity and increased c-Jun NH2-terminal kinase activation. Free Radical Biology and Medicine, 2013, 56, 112-122.	2.9	13
15	Identification of SLC26A transporters involved in the Clâ^'/HCO3â^' exchange in proximal tubular cells from WKY and SHR. Life Sciences, 2013, 93, 435-440.	4.3	7
16	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
17	Differentially expressed angiogenic genes in diabetic erectile tissue â€" Results from a microarray screening. Molecular Genetics and Metabolism, 2012, 105, 255-262.	1.1	15
18	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. Experimental Gerontology, 2012, 47, 644-653.	2.8	3

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19	Insulin resistance is associated with reduced levels of the ageâ€related protein SIRT2. FASEB Journal, 2012, 26, 686.23.	0.5	0
20	Age-related changes in the renal dopaminergic system and expression of renal amino acid transporters in WKY and SHR rats. Mechanisms of Ageing and Development, 2011, 132, 298-304.	4.6	12
21	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
22	H2O2 stimulates Clâ^'/HCOâ€‰3â^' exchanger activity through oxidation of thiol groups in immortalized SHR renal proximal tubular epithelial cells. Journal of Cellular Biochemistry, 2011, 112, 3660-3665.	2.6	8
23	Aging 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
24	Low auxotrophy-complementing amino acid concentrations reduce yeast chronological life span. Mechanisms of Ageing and Development, 2007, 128, 383-391.	4.6	49
25	Upregulation of apical NHE3 in renal OK cells overexpressing the rodent Î±1-subunit of the Na+ pump. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R1142-R1150.	1.8	10
26	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.	2.7	36
27	Distinct Signalling Cascades Downstream to G_sÎ± Coupled Dopamine D₁-like NHE3 Inhibition in Rat and Opossum Renal Epithelial Cells. Cellular Physiology and Biochemistry, 2004, 14, 91-100.	1.6	27
28	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
29	Dopamine D₃ receptorâ€mediated inhibition of Na⁺/H⁺ exchanger activity in normotensive and spontaneously hypertensive rat proximal tubular epithelial cells. British Journal of Pharmacology, 2004, 142, 1343-1353.	5.4	37
30	Dopamine acutely decreases type 3 Na+/H+ 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
31	Dopamine D2 -like receptor-mediated opening of K+ channels in opossum kidney cells. British Journal of Pharmacology, 2003, 138, 968-976.	5.4	7
32	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
33	D₂-like receptor-mediated inhibition of Na⁺-K⁺-ATPase activity is dependent on the opening of K⁺channels. American Journal of Physiology - Renal Physiology, 2002, 283, F114-F123.	2.7	23
34	Role of cAMP-PKA-PLC signaling cascade on dopamine-induced PKC-mediated inhibition of renal Na+-K+-ATPase activity. American Journal of Physiology - Renal Physiology, 2002, 282, F1084-F1096.	2.7	54
35	Expression and function of sodium transporters in two opossum kidney cell clonal sublines. American Journal of Physiology - Renal Physiology, 2002, 283, F73-F85.	2.7	12
36	Na⁺/H⁺ Exchanger Activity and Dopamine D₁-Like Receptor Function in two Opossum Kidney Cell Clonal Sublines. Cellular Physiology and Biochemistry, 2002, 12, 259-268.	1.6	13

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37	Ouabain-insensitive acidification by dopamine in renal OK cells: primary control of the Na+/H+exchanger. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 281, R10-R18.	1.8	38
38	D1-like dopamine receptor activation and natriuresis by nitrocatechol COMT inhibitors. Kidney International, 2001, 59, 1683-1694.	5.2	25
39	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
40	Competitive and non-competitive inhibition of l-3,4-dihydroxyphenylalanine uptake in Opossum kidney cells. European Journal of Pharmacology, 1997, 332, 219-225.	3.5	3