

Carlos Castillo Barros

List of Publications by Year in descending order

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45
papers

603
citations

567144

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46
times ranked

1094
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinin B1 Receptor Deficiency Leads to Leptin Hypersensitivity and Resistance to Obesity. <i>Diabetes</i> , 2008, 57, 1491-1500.	0.3	61
2	Effect of caloric restriction and rapamycin on ovarian aging in mice. <i>GeroScience</i> , 2019, 41, 395-408.	2.1	50
3	Neurolysin Knockout Mice Generation and Initial Phenotype Characterization. <i>Journal of Biological Chemistry</i> , 2014, 289, 15426-15440.	1.6	41
4	Nitric Oxide-Induced Murine Hematopoietic Stem Cell Fate Involves Multiple Signaling Proteins, Gene Expression, and Redox Modulation. <i>Stem Cells</i> , 2014, 32, 2949-2960.	1.4	35
5	Plasma Kallikrein and Angiotensin I-converting enzyme N- and C-terminal domain activities are modulated by the insertion/deletion polymorphism. <i>Neuropeptides</i> , 2010, 44, 139-143.	0.9	30
6	Leucurogin, a new recombinant disintegrin cloned from <i>Bothrops leucurus</i> (white-tailed-jararaca) with potent activity upon platelet aggregation and tumor growth. <i>Toxicon</i> , 2011, 58, 123-129.	0.8	28
7	Bradykinin inhibits hepatic gluconeogenesis in obese mice. <i>Laboratory Investigation</i> , 2012, 92, 1419-1427.	1.7	27
8	Altered Glucose Homeostasis and Hepatic Function in Obese Mice Deficient for Both Kinin Receptor Genes. <i>PLoS ONE</i> , 2012, 7, e40573.	1.1	26
9	PLC β 2 and PKC Are Important to Myeloid Lineage Commitment Triggered by M-CSF and G-CSF. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 42-51.	1.2	25
10	Ovarian aging and the activation of the primordial follicle reserve in the long-lived Ames dwarf and the short-lived bGH transgenic mice. <i>Molecular and Cellular Endocrinology</i> , 2017, 455, 23-32.	1.6	23
11	The acute effect of intravenous lipopolysaccharide injection on serum and intrafollicular HDL components and gene expression in granulosa cells of the bovine dominant follicle. <i>Theriogenology</i> , 2017, 89, 244-249.	0.9	23
12	Caloric Restriction Is More Efficient than Physical Exercise to Protect from Cisplatin Nephrotoxicity via PPAR-Alpha Activation. <i>Frontiers in Physiology</i> , 2017, 8, 116.	1.3	22
13	Kinin B1 receptor deficiency attenuates cisplatin-induced acute kidney injury by modulating immune cell migration. <i>Journal of Molecular Medicine</i> , 2014, 92, 399-409.	1.7	21
14	Assessment of aerobic capacity during swimming exercise in ob/ob mice. <i>Cell Biochemistry and Function</i> , 2011, 29, 666-672.	1.4	16
15	Lack of kinin B1 receptor potentiates leptin action in the liver. <i>Journal of Molecular Medicine</i> , 2013, 91, 851-860.	1.7	16
16	Primordial follicle reserve, DNA damage and macrophage infiltration in the ovaries of the long-living Ames dwarf mice. <i>Experimental Gerontology</i> , 2020, 132, 110851.	1.2	15
17	The effect of the paraoxonase 1 (PON1) T(107)C polymorphism on serum PON1 activity in women is dependent on fatty acid intake. <i>Nutrition Research</i> , 2016, 36, 9-15.	1.3	13
18	Simple Method to Genotype the ACTN3 r577x Polymorphism. <i>Genetic Testing and Molecular Biomarkers</i> , 2015, 19, 253-257.	0.3	11

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19	Comparison of Cytotoxic Activity in Leukemic Lineages Reveals Important Features of Hairpin Antimicrobial Peptides. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1764-1773.	1.2	11
20	Efficient method for obtaining Lepob/Lepob-derived animal models using adipose tissue transplantations. <i>International Journal of Obesity</i> , 2009, 33, 938-944.	1.6	10
21	Functional and molecular evidence for heteromeric association of P2Y1 receptor with P2Y2 and P2Y4 receptors in mouse granulocytes. <i>BMC Pharmacology & Toxicology</i> , 2016, 17, 29.	1.0	10
22	Swimming training exacerbates pathological cardiac hypertrophy in kinin B2 receptor-deficient mice. <i>International Immunopharmacology</i> , 2008, 8, 271-275.	1.7	9
23	Combination of ACTN3 R577X and ACE I/D polymorphisms as a tool for prediction of obesity risk in children. <i>International Journal of Obesity</i> , 2021, 45, 337-341.	1.6	8
24	Association of polymorphisms in the IGF-I, GHR and STAT5A genes with serum IGF-I concentration and reproductive performance of Holstein dairy cows. <i>Animal Reproduction Science</i> , 2019, 211, 106206.	0.5	7
25	Polymorphisms in the anti-oxidant paraoxonase-1 (PON1) gene associated with fertility of postpartum dairy cows. <i>Theriogenology</i> , 2019, 125, 302-309.	0.9	7
26	Differential effects of a high-fat diet on serum lipid parameters and ovarian gene expression in young and aged female mice. <i>Zygote</i> , 2016, 24, 676-683.	0.5	6
27	The ACTN3 R577X polymorphism affects the lipid profile and the prognosis of nutritional intervention in HIV-positive patients. <i>Nutrition Research</i> , 2016, 36, 564-574.	1.3	5
28	Exploring the complexity: the interplay between the angiotensin-converting enzyme insertion/deletion polymorphism and the sympathetic response to hemodialysis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1002-H1011.	1.5	5
29	Angiotensin-Converting Enzyme Inhibitor Protects Against Cisplatin Nephrotoxicity by Modulating Kinin B1 Receptor Expression and Aminopeptidase P Activity in Mice. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 96.	1.6	5
30	Anti-inflammatory Effect of a Goji Berry Extract (<i>Lycium barbarum</i>) in Rats Subjected to Inflammation by Lipopolysaccharides (LPS). <i>Brazilian Archives of Biology and Technology</i> , 0, 63, .	0.5	5
31	Ilex paraguariensis extract prevents body weight gain in rats fed a high-fat diet. <i>Food Science and Technology</i> , 2019, 39, 620-626.	0.8	5
32	Evaluation of the Redox State of Wistar Rats Submitted to High-Fat Diet Supplemented With Infusion of Ilex paraguariensis. <i>Brazilian Archives of Biology and Technology</i> , 2018, 61, .	0.5	4
33	The effect of family history of hypertension and polymorphism of the ACE gene (rs1799752) on cardiac autonomic modulation in adolescents. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 177-185.	0.9	4
34	Role of leptin in body temperature regulation and lipid metabolism following splenectomy. <i>Neuropeptides</i> , 2015, 54, 67-72.	0.9	3
35	Association between paraoxonase 1 (PON1) enzyme activity, PON1 C(âˆ—107)T polymorphism, nutritional status, and lipid profile in children. <i>Nutrire</i> , 2016, 41, .	0.3	3
36	Chronic Overexpression of Bradykinin in Kidney Causes Polyuria and Cardiac Hypertrophy. <i>Frontiers in Medicine</i> , 2018, 5, 338.	1.2	3

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37	Paraoxonase 1 serum activity in women: the effects of menopause, the C(-107)T polymorphism and food intake. Archives of Endocrinology and Metabolism, 2019, 63, 272-279.	0.3	3
38	Frequency of alleles associated with celiac disease in patients with autoimmune thyroid disease. Revista De Nutricao, 0, 34, .	0.4	2
39	Kinin B ₂ receptor does not exert renoprotective effects on mice with glycerol-induced rhabdomyolysis. World Journal of Nephrology, 2014, 3, 85.	0.8	2
40	Influence of nutritional factors and the PON1 C(-107)T polymorphism on paraoxonase-1 activity in childhood. Jornal De Pediatria, 2020, 96, 495-502.	0.9	1
41	Supplementation with beta-hydroxy-beta-methylbutyrate impacts glucose homeostasis and increases liver size in trained mice. International Journal for Vitamin and Nutrition Research, 2020, 90, 113-123.	0.6	1
42	The effect of paraoxonase 1 (PON1) gene polymorphisms T(-107)C and L55M and diet composition on serum PON1 activity in women. Archives of Endocrinology and Metabolism, 2021, 65, .	0.3	1
43	Influence of ACTN3 R/X gene polymorphisms on racing strategy in rowing athletes. International Journal of Performance Analysis in Sport, 2017, 17, 996-1006.	0.5	0
44	Influence of nutritional factors and the PON1 C(-107)T polymorphism on paraoxonase-1 activity in childhood. Jornal De Pediatria (Versão Em Português), 2020, 96, 495-502.	0.2	0
45	Influence of Lycium barbarum Extract Intake on Oxidative Stress in Wistar Rats. Brazilian Archives of Biology and Technology, 0, 65, .	0.5	0