

João H Costa-Silva

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,045
citations

430442

18
h-index

433756

31
g-index

60
all docs

60
docs citations

60
times ranked

1419
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute and subacute toxicity of the <i>Carapa guianensis</i> Aublet (Meliaceae) seed oil. <i>Journal of Ethnopharmacology</i> , 2008, 116, 495-500.	2.0	89
2	Acute and subacute toxicity of <i>Cassia occidentalis</i> L. stem and leaf in Wistar rats. <i>Journal of Ethnopharmacology</i> , 2011, 136, 341-346.	2.0	73
3	Gastroprotective Mechanisms of the Monoterpene 1,8-Cineole (Eucalyptol). <i>PLoS ONE</i> , 2015, 10, e0134558.	1.1	62
4	Anti-diabetic activity of extract from <i>Persea americana</i> Mill. leaf via the activation of protein kinase B (PKB/Akt) in streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2012, 141, 517-525.	2.0	58
5	Short- and long-term effects of a maternal low-protein diet on ventilation, O_2 chemoreception and arterial blood pressure in male rat offspring. <i>British Journal of Nutrition</i> , 2014, 111, 606-615.	1.2	55
6	Glutamatergic Antagonism in the NTS Decreases Post-Inspiratory Drive and Changes Phrenic and Sympathetic Coupling During Chemoreflex Activation. <i>Journal of Neurophysiology</i> , 2010, 103, 2095-2106.	0.9	51
7	Short-term sustained hypoxia induces changes in the coupling of sympathetic and respiratory activities in rats. <i>Journal of Physiology</i> , 2014, 592, 2013-2033.	1.3	51
8	Maternal low-protein diet induces changes in the cardiovascular autonomic modulation in male rat offspring. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 123-130.	1.1	46
9	Chronic intermittent hypoxia alters glutamatergic control of sympathetic and respiratory activities in the commissural NTS of rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R785-R793.	0.9	42
10	New Insights on the Use of Dietary Polyphenols or Probiotics for the Management of Arterial Hypertension. <i>Frontiers in Physiology</i> , 2016, 7, 448.	1.3	41
11	Repeated-doses and reproductive toxicity studies of the monoterpene 1,8-cineole (eucalyptol) in Wistar rats. <i>Food and Chemical Toxicology</i> , 2016, 97, 297-306.	1.8	36
12	Maternal protein restriction induced hypertension is associated to oxidative disruption at transcriptional and functional levels in the medulla oblongata. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 1177-1184.	0.9	35
13	A toxicological evaluation of the effect of <i>Carapa guianensis</i> Aublet on pregnancy in Wistar rats. <i>Journal of Ethnopharmacology</i> , 2007, 112, 122-126.	2.0	34
14	Maternal Protein Restriction Increases Respiratory and Sympathetic Activities and Sensitizes Peripheral Chemoreflex in Male Rat Offspring. <i>Journal of Nutrition</i> , 2015, 145, 907-914.	1.3	34
15	Evaluation of antihyperglycaemic activity of <i>Calotropis procera</i> leaves extract on streptozotocin-induced diabetes in Wistar rats. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 913-919.	0.6	24
16	Developmental Origins of Cardiometabolic Diseases: Role of the Maternal Diet. <i>Frontiers in Physiology</i> , 2016, 7, 504.	1.3	24
17	Chronic undernutrition alters renal active Na^+ transport in young rats: potential hidden basis for pathophysiological alterations in adulthood?. <i>European Journal of Nutrition</i> , 2009, 48, 437-445.	1.8	22
18	Gastroprotective and Ulcer Healing Effects of Essential Oil of <i>Hyptis martiusii</i> Benth. (Lamiaceae). <i>PLoS ONE</i> , 2014, 9, e84400.	1.1	22

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19	Maternal protein malnutrition induced hypertension: New evidence about the autonomic and respiratory dysfunctions and epigenetic mechanisms. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2018, 45, 422-429.	0.9	17
20	Effect of maternal dyslipidaemia on the cardiorespiratory physiology and biochemical parameters in male rat offspring. <i>British Journal of Nutrition</i> , 2017, 118, 930-941.	1.2	16
21	Comparative Computational Studies of 3,4-Dihydro-2,6-diaryl-4-oxo-pyrimidine-5-carbonitrile Derivatives as Potential Antinociceptive Agents. <i>Molecules</i> , 2012, 17, 809-819.	1.7	14
22	Hypertension in rat offspring subjected to perinatal protein malnutrition is not related to the baroreflex dysfunction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 1046-1053.	0.9	13
23	New Insights on the Maternal Diet Induced-Hypertension: Potential Role of the Phenotypic Plasticity and Sympathetic-Respiratory Overactivity. <i>Frontiers in Physiology</i> , 2015, 6, 345.	1.3	12
24	Cardiometabolic impacts of saturated fatty acids: are they all comparable?. <i>International Journal of Food Sciences and Nutrition</i> , 2022, 73, 1-14.	1.3	12
25	Reproductive assessment of hydroalcohol extract of <i>Calendula officinalis</i> L. in Wistar rats. <i>Phytotherapy Research</i> , 2009, 23, 1392-1398.	2.8	11
26	Repeated-Doses Toxicity Study of the Essential Oil of <i>Hyptis martiusii</i> Benth. (Lamiaceae) in Swiss Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	0.5	11
27	Transcriptional response of skeletal muscle to a low protein perinatal diet in rat offspring at different ages: The role of key enzymes of glucose-fatty acid oxidation. <i>Journal of Nutritional Biochemistry</i> , 2017, 41, 117-123.	1.9	11
28	Effects of the oral treatment with <i>Copaifera multijuga</i> oil on reproductive performance of male Wistar rats. <i>Revista Brasileira De Farmacognosia</i> , 2014, 24, 355-362.	0.6	10
29	The Effect of <i>Schinus terebinthifolius</i> Raddi (Anacardiaceae) Bark Extract on Histamine-Induced Paw Edema and Ileum Smooth Muscle Contraction. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-10.	0.5	10
30	Serotonin modulation in neonatal age does not impair cardiovascular physiology in adult female rats: Hemodynamics and oxidative stress analysis. <i>Life Sciences</i> , 2016, 145, 42-50.	2.0	9
31	Hepatoprotective Effect of the Aqueous Extract of <i>Simarouba amara</i> Aublet (Simaroubaceae) Stem Bark against Carbon Tetrachloride (CCl ₄)-Induced Hepatic Damage in Rats. <i>Molecules</i> , 2014, 19, 17735-17746.	1.7	8
32	Western diet in the perinatal period promotes dysautonomia in the offspring of adult rats. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 216-225.	0.7	8
33	Saturated Fatty Acid-Enriched Diet-Impaired Mitochondrial Bioenergetics in Liver From Undernourished Rats During Critical Periods of Development. <i>Cells</i> , 2019, 8, 335.	1.8	8
34	Low-protein diet does not alter reproductive, biochemical, and hematological parameters in pregnant Wistar rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2018, 51, e6602.	0.7	7
35	Impact of arterial hypertension and type 2 diabetes on cardiac autonomic modulation in obese individuals with recommendation for bariatric surgery. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 1503-1511.	1.1	7
36	Maternal physical activity-induced adaptive transcriptional response in brain and placenta of mothers and rat offspring. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 11, 108-117.	0.7	7

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37	Association of worsening of nonalcoholic fatty liver disease with cardiometabolic function and intestinal bacterial overgrowth: A cross-sectional study. <i>PLoS ONE</i> , 2020, 15, e0237360.	1.1	6
38	Post-exercise hypotension effects in response to plyometric training of 7- to 9-year-old boys with overweight/obesity: a randomized controlled study. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, 61, 1281-1289.	0.4	6
39	Carotid body removal normalizes arterial blood pressure and respiratory frequency in offspring of protein-restricted mothers. <i>Hypertension Research</i> , 2018, 41, 1000-1012.	1.5	5
40	Centrally acting adrenomedullin in the long-term potentiation of sympathetic vasoconstrictor activity induced by intermittent hypoxia in rats. <i>Experimental Physiology</i> , 2019, 104, 1371-1383.	0.9	5
41	Short- and long-term effects of maternal dyslipidaemia on blood pressure and baroreflex sensitivity in male rat offspring. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 27-37.	0.9	5
42	Maternal protein restriction affects cardiovascular, but not respiratory response to L-glutamate microinjection into the NTS of conscious rats. <i>Nutritional Neuroscience</i> , 2019, 24, 1-12.	1.5	4
43	Maternal low protein diet induces persistent expression changes in metabolic genes in male rats. <i>World Journal of Diabetes</i> , 2020, 11, 182-192.	1.3	4
44	Maternal physical activity prevents the overexpression of hypoxia-inducible factor 1 α and cardiorespiratory dysfunction in protein malnourished rats. <i>Scientific Reports</i> , 2019, 9, 14406.	1.6	3
45	Effects of maternal protein restriction on central and peripheral renin-angiotensin systems in male rat offspring. <i>Life Sciences</i> , 2020, 263, 118574.	2.0	3
46	Cardiometabolic Effects of Postnatal High-Fat Diet Consumption in Offspring Exposed to Maternal Protein Restriction In Utero. <i>Frontiers in Physiology</i> , 2022, 13, .	1.3	3
47	Consumption of a high-fat diet does not potentiate the deleterious effects on lipid and protein levels and body development in rats subjected to maternal protein restriction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020, 47, 412-421.	0.9	2
48	Effects of maternal low-protein diet and spontaneous physical activity on the transcription of neurotrophic factors in the placenta and the brains of mothers and offspring rats. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, 12, 505-512.	0.7	2
49	Maternal consumption of ω -3 attenuates metabolic disruption elicited by saturated fatty acids-enriched diet in offspring rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 279-289.	1.1	2
50	Different acquisition systems for heart rate variability analysis may lead to diverse outcomes. <i>Brazilian Journal of Medical and Biological Research</i> , 2022, 55, e11720.	0.7	2
51	Cardiac autonomic dysfunction in school age children with overweight and obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 2410-2417.	1.1	2
52	Glutamate receptors in ventral medulla are essential for expiratory and inspiratory responses to chemoreflex activation in unanesthetized rats. <i>FASEB Journal</i> , 2011, 25, 1076.10.	0.2	1
53	Glutamatergic mechanisms on the interaction of sympathetic and respiratory responses to chemoreflex activation in the NTS. <i>FASEB Journal</i> , 2009, 23, 1011.9.	0.2	0
54	High Fat Diet During Pregnancy And Lactation Induces Hypertension In Adult Offspring Rats. <i>FASEB Journal</i> , 2013, 27, 1187.6.	0.2	0

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55	Increased respiratory rhythm and O2 and CO2 chemosensitivity in juvenile rats submitted to perinatal protein undernutrition. FASEB Journal, 2013, 27, 1137.17.	0.2	0
56	Composition of a maternal high fat diet rich in saturated fats and omega 3 in gestation and lactation for studies with rodents. Revista De Nutricao, 0, 32, .	0.4	0
57	Title is missing!. , 2020, 15, e0237360.		0
58	Title is missing!. , 2020, 15, e0237360.		0
59	Title is missing!. , 2020, 15, e0237360.		0
60	Title is missing!. , 2020, 15, e0237360.		0