SÃ©rgio Henrique Sousa Santos

List of Publications by Year
in descending order

96 papers	2,344 citations	236833 25 h-index	223716 46 g-index
96 all docs	96 docs citations	96 times ranked	3616 citing authors

#	Article	IF	Citations
1	Resveratrol attenuates hepatic steatosis in high-fat fed mice by decreasing lipogenesis and inflammation. Nutrition, 2014, 30, 915-919.	1.1	195
2	Nuclear sirtuins and inflammatory signaling pathways. Cytokine and Growth Factor Reviews, 2017, 38, 98-105.	3.2	189
3	Resveratrol increases brown adipose tissue thermogenesis markers by increasing SIRT1 and energy expenditure and decreasing fat accumulation in adipose tissue of mice fed a standard diet. European Journal of Nutrition, 2014, 53, 1503-1510.	1.8	138
4	Genetic deletion of the angiotensin-(1â€“7) receptor Mas leads to glomerular hyperfiltration and microalbuminuria. Kidney International, 2009, 75, 1184-1193.	2.6	125
5	Oral Angiotensin-(1â€“7) prevented obesity and hepatic inflammation by inhibition of resistin/TLR4/MAPK/NF-ÎºB in rats fed with high-fat diet. Peptides, 2013, 46, 47-52.	1.2	114
6	Oral Formulation of Angiotensin-(1â€“7) Improves Lipid Metabolism and Prevents High-Fat Dietâ€“Induced Hepatic Steatosis and Inflammation in Mice. Hypertension, 2013, 62, 324-330.	1.3	84
7	The role of renin-angiotensin system modulation on treatment and prevention of liver diseases. Peptides, 2014, 62, 189-196.	1.2	83
8	Angiotensin-(1-7), Adipokines and Inflammation. Metabolism: Clinical and Experimental, 2019, 95, 36-45.	1.5	82
9	Metformin increases PDH and suppresses HIF-1Î± under hypoxic conditions and induces cell death in oral squamous cell carcinoma. Oncotarget, 2016, 7, 55057-55068.	0.8	81
10	Obesity and malnutrition similarly alter the reninâ€“angiotensin system and inflammation in mice and human adipose. Journal of Nutritional Biochemistry, 2017, 48, 74-82.	1.9	80
11	Brain Activation of SIRT1: Role in Neuropathology. Molecular Neurobiology, 2013, 48, 681-689.	1.9	78
12	Oral administration of angiotensin-(1â€“7) ameliorates type 2 diabetes in rats. Journal of Molecular Medicine, 2014, 92, 255-265.	1.7	74
13	Increased circulating angiotensin-(1â€“7) protects white adipose tissue against development of a proinflammatory state stimulated by a high-fat diet. Regulatory Peptides, 2012, 178, 64-70.	1.9	73
14	Cross talk between angiotensin-(1â€“7)/Mas axis and sirtuins in adipose tissue and metabolism of high-fat feed mice. Peptides, 2014, 55, 158-165.	1.2	68
15	Angiotensin 1â€“7: A peptide for preventing and treating metabolic syndrome. Peptides, 2014, 59, 34-41.	1.2	55
16	Body mass index and the visceral adipose tissue expression of IL-6 and TNF-alpha are associated with the morphological severity of non-alcoholic fatty liver disease in individuals with class III obesity. Obesity Research and Clinical Practice, 2018, 12, 1-8.	0.8	46
17	The role of the angiotensin II type I receptor blocker telmisartan in the treatment of non-alcoholic fatty liver disease: a brief review. Hypertension Research, 2018, 41, 394-405.	1.5	42
18	Effect of resveratrol on expression of genes involved thermogenesis in mice and humans. Biomedicine and Pharmacotherapy, 2019, 112, 108634.	2.5	42

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19	Sirtuins, brain and cognition: A review of resveratrol effects. IBRO Reports, 2020, 9, 46-51.	0.3	35
20	Oral gallic acid improve liver steatosis and metabolism modulating hepatic lipogenic markers in obese mice. Experimental Gerontology, 2020, 134, 110881.	1.2	35
21	Oral gallic acid improves metabolic profile by modulating SIRT1 expression in obese mice brown adipose tissue: A molecular and bioinformatic approach. Life Sciences, 2019, 237, 116914.	2.0	33
22	Virgin coconut oil is effective to treat metabolic and inflammatory dysfunction induced by high refined carbohydrate-containing diet in mice. Journal of Nutritional Biochemistry, 2019, 63, 117-128.	1.9	31
23	Oral resveratrol supplementation improves Metabolic Syndrome features in obese patients submitted to a lifestyle-changing program. Life Sciences, 2020, 256, 117962.	2.0	31
24	Angiotensin Converting Enzyme 2 Activator (DIZE) Modulates Metabolic Profiles in Mice, Decreasing Lipogenesis. Protein and Peptide Letters, 2015, 22, 332-340.	0.4	29
25	Treatment of mucositis with combined 660- and 808-nm-wavelength low-level laser therapy reduced mucositis grade, pain, and use of analgesics: a parallel, single-blind, two-arm controlled study. Lasers in Medical Science, 2018, 33, 1813-1819.	1.0	28
26	Proteomic white adipose tissue analysis of obese mice fed with a high-fat diet and treated with oral angiotensin-(1â€“7). Peptides, 2014, 60, 56-62.	1.2	23
27	Oral Probiotic Bifidobacterium Longum Supplementation Improves Metabolic Parameters and Alters the Expression of the Renin-Angiotensin System in Obese Mice Liver. Biological Research for Nursing, 2021, 23, 100-108.	1.0	23
28	Tributyltin impacts in metabolic syndrome development through disruption of angiotensin II receptor signaling pathways in white adipose tissue from adult female rats. Toxicology Letters, 2018, 299, 21-31.	0.4	18
29	Genetic deletion of the angiotensin-(1â€“7) receptor Mas leads to alterations in gut villi length modulating TLR4/PI3K/AKT and produces microbiome dysbiosis. Neuropeptides, 2020, 82, 102056.	0.9	17
30	The Therapeutic Role of Renin-Angiotensin System Blockers in Obesity- Related Renal Disorders. Current Clinical Pharmacology, 2014, 9, 2-9.	0.2	16
31	Distinct metabolic effects of resveratrol on lipogenesis markers in mice adipose tissue treated with high-polyunsaturated fat and high-protein diets. Life Sciences, 2016, 153, 66-73.	2.0	16
32	Sclareol-loaded lipid nanoparticles improved metabolic profile in obese mice. Life Sciences, 2019, 218, 292-299.	2.0	16
33	Leptin impairs the therapeutic effect of ionizing radiation in oral squamous cell carcinoma cells. Journal of Oral Pathology and Medicine, 2019, 48, 17-23.	1.4	14
34	Comparative study of dietary fat: lard and sugar as a better obesity and metabolic syndrome mice model. Archives of Physiology and Biochemistry, 2023, 129, 449-459.	1.0	14
35	Diet composition modulates expression of sirtuins and Reninâ€Angiotensin system components in adipose tissue. Obesity, 2013, 21, 1830-1835.	1.5	13
36	Neurodegeneration Alters Metabolic Profile and Sirt 1 Signaling in High-Fat-Induced Obese Mice. Molecular Neurobiology, 2017, 54, 3465-3475.	1.9	13

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37	Effects of Resveratrol and ACE Inhibitor Enalapril on Glucose and Lipid Profiles in Mice. Protein and Peptide Letters, 2017, 24, 854-860.	0.4	12
38	Physical exercise, obesity, inflammation and neutrophil extracellular traps (NETs): a review with bioinformatics analysis. Molecular Biology Reports, 2021, 48, 4625-4635.	1.0	11
39	Association of an oral formulation of angiotensin-(1â€“7) with atenolol improves lipid metabolism in hypertensive rats. Peptides, 2013, 43, 155-159.	1.2	10
40	High levels of ANXA2 are characteristic of malignant salivary gland tumors. Journal of Oral Pathology and Medicine, 2019, 48, 929-934.	1.4	10
41	Radiation Therapy Reduced Blood Levels of LDH, HIF-1Î±, and miR-210 in OSCC. Pathology and Oncology Research, 2020, 26, 433-442.	0.9	10
42	Prion protein is associated with a worse prognosis of head and neck squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2021, 50, 985-994.	1.4	10
43	High expression of S100A4 and endoglin is associated with metastatic disease in head and neck squamous cell carcinoma. Clinical and Experimental Metastasis, 2014, 31, 639-649.	1.7	9
44	Metformin Reduces Lipogenesis Markers in Obese Mice Fed a Lowâ€Carbohydrate and Highâ€Fat Diet. Lipids, 2016, 51, 1375-1384.	0.7	9
45	Synthesis of supermacroporous cryogel for bioreactors continuous starch hydrolysis. Electrophoresis, 2017, 38, 2940-2946.	1.3	9
46	Is HIF1-a deregulated in malignant salivary neoplasms?. Gene, 2019, 701, 41-45.	1.0	9
47	Evidence for the involvement of opioid and cannabinoid systems in the peripheral antinociception mediated by resveratrol. Toxicology and Applied Pharmacology, 2019, 369, 30-38.	1.3	9
48	Nutritional Status Associated to Skipping Breakfast in Brazilian Health Service Patients. Annals of Nutrition and Metabolism, 2016, 69, 31-40.	1.0	8
49	The usefulness of short-term high-fat/high salt diet as a model of metabolic syndrome in mice. Life Sciences, 2018, 209, 341-348.	2.0	8
50	Conditioned fear stress increases bone resorption in apical periodontitislesions in Wistar male rats. Archives of Oral Biology, 2019, 97, 35-41.	0.8	8
51	Enalapril improves obesity associated liver injury ameliorating systemic metabolic markers by modulating Angiotensin Converting Enzymes ACE/ACE2 expression in high-fat feed mice. Prostaglandins and Other Lipid Mediators, 2021, 152, 106501.	1.0	8
52	Acute oral treatment with resveratrol and Lactococcus Lactis Subsp. Lactis decrease body weight and improve liver proinflammatory markers in C57BL/6 mice. Molecular Biology Reports, 2021, 48, 1725-1734.	1.0	8
53	Neutrophil extracellular traps (NETs) modulate inflammatory profile in obese humans and mice: adipose tissue role on NETs levels. Molecular Biology Reports, 2022, 49, 3225-3236.	1.0	8
54	Sirtuins and Cancer: New Insights and Cell Signaling. Cancer Investigation, 2013, 31, 645-653.	0.6	7

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55	Molecular finds of pressure ulcer: A bioinformatics approach in pressure ulcer. Journal of Tissue Viability, 2017, 26, 119-124.	0.9	7
56	Adherence to medication, physical activity and diet among older people living with diabetes mellitus: Correlation between cognitive function and health literacy. IBRO Reports, 2020, 9, 132-137.	0.3	7
57	Angiotensinâ€(1â€7) and Obesity: Role in Cardiorespiratory Fitness and COVIDâ€19 Implications. Obesity, 2020, 28, 1786-1786.	1.5	6
58	The combination of traditional and auricular acupuncture to prevent xerostomia and anxiety in irradiated patients with HNSCC: a preventive, parallel, single-blind, 2-arm controlled study. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, 131, 675-683.	0.2	6
59	Polymorphisms of the renin-angiotensin system are not associated with overweight and obesity in a general adult population. Archives of Endocrinology and Metabolism, 2019, 63, 402-410.	0.3	5
60	Davilla elliptica (Dilleniaceae) a. St.-Hil. Ethnomedicinal, phytochemical, and pharmacological aspects: A review. Phytochemistry Letters, 2020, 39, 135-143.	0.6	5
61	Local tissue electrical parameters predict oral mucositis in HNSCC patients: A diagnostic accuracy double-blind, randomized controlled trial. Scientific Reports, 2020, 10, 9530.	1.6	5
62	Might anxiety disorders promote head and neck cancer development?. IBRO Reports, 2020, 9, 9-13.	0.3	5
63	Liver Damage Produced by Malnutrition is Improved by Dietary Supplementation in Mice: Assessment of a Supplement Based on Buriti (A Cerrado Fruit) and Dairy By-products. Recent Patents on Food, Nutrition & Agriculture, 2021, 12, 29-35.	0.5	5
64	Elaboration, evaluation of nutritional information and physical-chemical stability of dairy fermented drink with caja-mango pulp. Ciencia Rural, 2020, 50, .	0.3	5
65	Immune/Neural approach to characterize salivary gland neoplasms (SGN). Applied Soft Computing Journal, 2020, 88, 105877.	4.1	4
66	Maternal obesity modulates both the reninâ€“angiotensin system in mice dams and fetal adiposity. Journal of Nutritional Biochemistry, 2020, 84, 108413.	1.9	4
67	Hydroalcoholic Extract of Solanum lycocarpum A. St. Hil. (Solanaceae) Leaves Improves Alloxan-Induced Diabetes Complications in Mice. Protein and Peptide Letters, 2021, 28, 769-780.	0.4	4
68	Effects of Sleeve Gastrectomy on the Metabolic Profile and on the Expression of Renin-Angiotensin System in Adipose Tissue of Obese Rats. Protein and Peptide Letters, 2017, 24, 861-868.	0.4	4
69	Simultaneous saccharification isomerization and Co-fermentation â€“ SSICF: A new process concept for second-generation ethanol biorefineries combining immobilized recombinant enzymes and non-GMO Saccharomyces. Renewable Energy, 2022, 182, 274-284.	4.3	4
70	Brazilian Cerrado plant (arnica) Lychnophora ericoides Mart. (Asteraceae) toxicity characterization in mice. Phytomedicine Plus, 2022, 2, 100154.	0.9	4
71	The Use of Textiles in the Wound Healing: A Review. Mini-Reviews in Medicinal Chemistry, 2022, 22, 1438-1449.	1.1	4
72	Effects of omentectomy in addition to sleeve gastrectomy on the metabolic and inflammatory profiles of obese rats. Surgery for Obesity and Related Diseases, 2016, 12, 1292-1299.	1.0	3

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73	CaracterizaÃ§Ã£o do Ã³leo de buriti produzido no Norte de Minas Gerais: parÃ¢metros de qualidade, perfil de Ã¡cidos graxos e conteÃºdo de carotenoides. Research, Society and Development, 2021, 10, e58010313734.	0.0	3
74	Lactococcus lactis and Resveratrol Decrease Body Weight and Increase Benefic Gastrointestinal Microbiota in Mice. Protein and Peptide Letters, 2021, 28, 761-768.	0.4	3
75	Hepatotoxic Effect of Lafoensia pacari A. St. Hil. (Lythraceae) on a Diet-Induced Obese Mice Model. Protein and Peptide Letters, 2021, 28, 781-787.	0.4	3
76	Oral angiotensin-(1â€“7) peptide modulates intestinal microbiota improving metabolic profile in obese mice. Protein and Peptide Letters, 2021, 28, .	0.4	3
77	Acosmium dasycarpum (Vog.) Yakovlev root bark reduces obesity induced by hypercaloric diet in mice. Phytochemistry Letters, 2021, 44, 23-30.	0.6	3
78	Oral treatment with Davilla Elliptica A. St,-Hil. leaves improves liver steatosis and lipid metabolism on a diet-induced obese mice model. Phytomedicine Plus, 2021, 1, 100130.	0.9	3
79	Photodynamic therapy mediated by nanoparticles Aluminum Chloro Phthalocyanine in oral squamous carcinoma cells. Lasers in Medical Science, 2022, 37, 2509-2516.	1.0	3
80	Genetic variation in the promoter region of the TNF rs1800629 gene is not associated with adiposity index, but AA genotype is more likely to have low cellular membrane integrity. Meta Gene, 2017, 13, 85-91.	0.3	2
81	Liraglutide alters hepatic metabolism in high-fat fed obese mice: A bioinformatic prediction and functional analysis. Meta Gene, 2019, 20, 100553.	0.3	2
82	Sirtuins and metabolic regulation: food and supplementation. , 2021, , 39-59.		2
83	Antioxidant activity and chemical composition of meat from broilers fed diets containing different essential oils. Veterinary World, 2021, 14, 1638-1643.	0.7	2
84	Development and Evaluation of a Low-cost Dairy Food Supplement with Mauritia Flexuosa (Buriti) to Combat Malnutrition: Translational Study in Mice and Institutionalized Elderly Woman. Current Aging Science, 2022, 15, 37-48.	0.4	2
85	Caryocar brasiliense Camb. fruit peel butanolic fraction induces antiproliferative effects against murine melanoma cell line. Phytomedicine Plus, 2022, 2, 100273.	0.9	2
86	Diet Supplementation with Madagascar Cockroach Flour (Gromphadorhina portentosa) Improved Malnourished Mice Metabolism and Ameliorated Liver Inflammatory Markers. Recent Patents on Food, Nutrition & Agriculture, 2021, 12, 112-122.	0.5	2
87	Comparison Between Two Antimicrobial Photodynamic Therapy Protocols for Oral Candidiasis in Patients Undergoing Treatment for Head and Neck Cancer: A two-arm, single-blind clinical trial. Photodiagnosis and Photodynamic Therapy, 2022, , 102983.	1.3	2
88	Angiotensin-(1-7): Role in theÂEndocrine System. , 2019, , 153-168.		1
89	Natural and artificial knitted fabrics functionalized with Cordia curassavica accelerate excisional wound healing in mice. Revista Brasileira De Farmacognosia, 2022, 32, 86-98.	0.6	1
90	Genetic deletion of Mas receptor in FVB/N mice impairs cardiac use of glucose and lipids. Peptides, 2022, 151, 170764.	1.2	1

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91	Metabolic Role of Angiotensin-(1-7)/Mas Axis. , 2015, , 249-254.		0
92	Fermented dairy beverage added with clove essential oil modulates oxygen reactive species (ROS) levels: an in silico, in vitro, and in vivo approach. Research, Society and Development, 2021, 10, e22510413986.	0.0	0
93	Glycemic profile, inflammatory markers, biochemical and histopathological parameters of mice fed with fermented dairy beverage with clove essential oil. Research, Society and Development, 2021, 10, e22110413826.	0.0	0
94	The Link between Exercise and Homocysteine in the Alzheimerâ€™s Disease: A Bioinformatic Network Model. CNS and Neurological Disorders - Drug Targets, 2021, 20, 814-821.	0.8	0
95	Letramento em saÃºde no diabetes: propriedades psicomÃ©tricas de uma nova escala e efeito em parÃ¢metros bioquÃmicos. Research, Society and Development, 2022, 11, e58511528553.	0.0	0
96	Syzygium jambolanum homeopathic Formulation Improves Diabetes Modulating Adipogenic Genes in Diet-Induced Obese Mice: Comparison to the Standard Metformin Treatment. Current Traditional Medicine, 2022, 08, .	0.1	0