Vanessa Souza-Mello

List of Publications by Year
in descending order

60 papers	1,915 citations	257101 24 h-index	276539 41 g-index
60 all docs	60 docs citations	60 times ranked	2890 citing authors

#	Article	IF	Citations
1	Peroxisome proliferator-activated receptors as targets to treat non-alcoholic fatty liver disease. World Journal of Hepatology, 2015, 7, 1012.	0.8	141
2	Comparative effects of telmisartan, sitagliptin and metformin alone or in combination on obesity, insulin resistance, and liver and pancreas remodelling in C57BL/6 mice fed on a very high-fat diet. Clinical Science, 2010, 119, 239-250.	1.8	116
3	Fenofibrate (PPARalpha agonist) induces beige cell formation in subcutaneous white adipose tissue from diet-induced male obese mice. Molecular and Cellular Endocrinology, 2015, 402, 86-94.	1.6	110
4	Browning of white adipose tissue: lessons from experimental models. Hormone Molecular Biology and Clinical Investigation, 2017, 31, .	0.3	102
5	Maternal high-fat intake predisposes nonalcoholic fatty liver disease in C57BL/6 offspring. American Journal of Obstetrics and Gynecology, 2010, 203, 495.e1-495.e8.	0.7	96
6	Mice fed fish oil diet and upregulation of brown adipose tissue thermogenic markers. European Journal of Nutrition, 2016, 55, 159-169.	1.8	88
7	Peroxisome Proliferator-Activated Receptors-Alpha and Gamma Are Targets to Treat Offspring from Maternal Diet-Induced Obesity in Mice. PLoS ONE, 2013, 8, e64258.	1.1	66
8	Beneficial effects of rosuvastatin on insulin resistance, adiposity, inflammatory markers and non-alcoholic fatty liver disease in mice fed on a high-fat diet. Clinical Science, 2012, 123, 259-270.	1.8	63
9	Programming of Obesity and Comorbidities in the Progeny: Lessons from a Model of Diet-Induced Obese Parents. PLoS ONE, 2015, 10, e0124737.	1.1	56
10	Hepatic structural alteration in adult programmed offspring (severe maternal protein restriction) is aggravated by post-weaning high-fat diet. British Journal of Nutrition, 2007, 98, 1159-1169.	1.2	48
11	Anti-obesogenic effects of WY14643 (PPAR-alpha agonist): Hepatic mitochondrial enhancement and suppressed lipogenic pathway in diet-induced obese mice. Biochimie, 2017, 140, 106-116.	1.3	48
12	Empaglifozin mitigates NAFLD in high-fat-fed mice by alleviating insulin resistance, lipogenesis and ER stress. Molecular and Cellular Endocrinology, 2019, 498, 110539.	1.6	45
13	PPARâ€Î± agonist elicits metabolically active brown adipocytes and weight loss in dietâ€induced obese mice. Cell Biochemistry and Function, 2015, 33, 249-256.	1.4	44
14	Pregestational maternal obesity impairs endocrine pancreas in male F1 and F2 progeny. Nutrition, 2015, 31, 380-387.	1.1	43
15	Differential actions of PPAR-Î± and PPAR-Î²/Î´ on beige adipocyte formation: A study in the subcutaneous white adipose tissue of obese male mice. PLoS ONE, 2018, 13, e0191365.	1.1	39
16	Sexual dimorphism in fat distribution and metabolic profile in mice offspring from diet-induced obese mothers. Life Sciences, 2013, 93, 454-463.	2.0	38
17	High-intensity interval training beneficial effects on body mass, blood pressure, and oxidative stress in diet-induced obesity in ovariectomized mice. Life Sciences, 2015, 139, 75-82.	2.0	38
18	Progressive brown adipocyte dysfunction: Whitening and impaired nonshivering thermogenesis as long-term obesity complications. Journal of Nutritional Biochemistry, 2022, 105, 109002.	1.9	37

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19	Singular effects of PPAR agonists on nonalcoholic fatty liver disease of diet-induced obese mice. Life Sciences, 2015, 127, 73-81.	2.0	36
20	A rise in Proteobacteria is an indicator of gut-liver axis-mediated nonalcoholic fatty liver disease in high-fructose-fed adult mice. Nutrition Research, 2021, 91, 26-35.	1.3	35
21	Combined parental obesity augments single-parent obesity effects on hypothalamus inflammation, leptin signaling (JAK/STAT), hyperphagia, and obesity in the adult mice offspring. Physiology and Behavior, 2016, 153, 47-55.	1.0	33
22	Fish oil diet modulates epididymal and inguinal adipocyte metabolism in mice. Food and Function, 2016, 7, 1468-1476.	2.1	31
23	Maternal high-fat diet is associated with altered pancreatic remodelling in mice offspring. European Journal of Nutrition, 2013, 52, 759-769.	1.8	30
24	Endoplasmic reticulum stress as the basis of obesity and metabolic diseases: focus on adipose tissue, liver, and pancreas. European Journal of Nutrition, 2021, 60, 2949-2960.	1.8	30
25	PPAR-Î± activation counters brown adipose tissue whitening: a comparative study between high-fatâ€“ and high-fructoseâ€“fed mice. Nutrition, 2020, 78, 110791.	1.1	29
26	Maternal fish oil supplementation benefits programmed offspring from rat dams fed low-protein diet. American Journal of Obstetrics and Gynecology, 2008, 199, 82.e1-82.e7.	0.7	28
27	Pancreatic Ultrastructural Enhancement Due to Telmisartan Plus Sitagliptin Treatment in Diet-Induced Obese C57BL/6 Mice. Pancreas, 2011, 40, 715-722.	0.5	26
28	Beneficial effects of the Mediterranean spices and aromas on non-alcoholic fatty liver disease. Trends in Food Science and Technology, 2017, 61, 141-159.	7.8	26
29	Enhanced panâ€peroxisome proliferatorâ€activated receptor gene and protein expression in adipose tissue of dietâ€induced obese mice treated with telmisartan. Experimental Physiology, 2014, 99, 1663-1678.	0.9	24
30	High-intensity interval training has beneficial effects on cardiac remodeling through local renin-angiotensin system modulation in mice fed high-fat or high-fructose diets. Life Sciences, 2017, 189, 8-17.	2.0	24
31	Pleiotropic effects of rosuvastatin on the glucose metabolism and the subcutaneous and visceral adipose tissue behavior in C57Bl/6 mice. Diabetology and Metabolic Syndrome, 2013, 5, 32.	1.2	23
32	GW0742 (PPAR-beta agonist) attenuates hepatic endoplasmic reticulum stress by improving hepatic energy metabolism in high-fat diet fed mice. Molecular and Cellular Endocrinology, 2018, 474, 227-237.	1.6	23
33	The renin-angiotensin system as a target to solve the riddle of endocrine pancreas homeostasis. Biomedicine and Pharmacotherapy, 2019, 109, 639-645.	2.5	22
34	Gut-liver axis modulation in fructose-fed mice: a role for PPAR-alpha and linagliptin. Journal of Endocrinology, 2020, 247, 11-24.	1.2	22
35	Beneficial effects of losartan or telmisartan on the local hepatic renin-angiotensin system to counter obesity in an experimental model. World Journal of Hepatology, 2019, 11, 359-369.	0.8	21
36	Maternal caffeine administration leads to adverse effects on adult mice offspring. European Journal of Nutrition, 2013, 52, 1891-1900.	1.8	20

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37	Adverse effects of vitamin D deficiency on the Pi3k/Akt pathway and pancreatic islet morphology in dietâ€induced obese mice. Molecular Nutrition and Food Research, 2016, 60, 346-357.	1.5	19
38	AT1 receptor antagonist induces thermogenic beige adipocytes in the inguinal white adipose tissue of obese mice. Endocrine, 2017, 55, 786-798.	1.1	17
39	Intermittent fasting exerts beneficial metabolic effects on blood pressure and cardiac structure by modulating local renin-angiotensin system in the heart of mice fed high-fat or high-fructose diets. Nutrition Research, 2019, 63, 51-62.	1.3	17
40	Differential effects of angiotensin receptor blockers on pancreatic islet remodelling and glucose homeostasis in diet-induced obese mice. Molecular and Cellular Endocrinology, 2017, 439, 54-64.	1.6	15
41	Rosuvastatin limits the activation of hepatic stellate cells in dietâ€induced obese mice. Hepatology Research, 2017, 47, 928-940.	1.8	14
42	Antiadipogenic effects of aÃ§ai seed extract on high fat diet-fed mice and 3T3-L1 adipocytes: A potential mechanism of action. Life Sciences, 2019, 228, 316-322.	2.0	12
43	Contributions of anatomy to forensic sex estimation: focus on head and neck bones. Forensic Sciences Research, 2022, 7, 11-23.	0.9	12
44	Hepatic structural enhancement and insulin resistance amelioration due to AT1 receptor blockade. World Journal of Hepatology, 2017, 9, 74.	0.8	12
45	Jaboticaba (Myrciaria jaboticaba) powder consumption improves the metabolic profile and regulates gut microbiome composition in high-fat diet-fed mice. Biomedicine and Pharmacotherapy, 2021, 144, 112314.	2.5	12
46	Animal Models of Nutritional Induction of Type 2 Diabetes Mellitus. International Journal of Morphology, 2014, 32, 279-293.	0.1	10
47	Quantitative Morphology Update: Image Analysis. International Journal of Morphology, 2013, 31, 23-30.	0.1	9
48	Consumption of phenolic-rich jabuticaba (Myrciaria jaboticaba) powder ameliorates obesity-related disorders in mice. British Journal of Nutrition, 2022, 127, 344-352.	1.2	8
49	Coronavirus disease 2019 severity in obesity: Metabolic dysfunction-associated fatty liver disease in the spotlight. World Journal of Gastroenterology, 2021, 27, 1738-1750.	1.4	8
50	A PPAR-alpha agonist and DPP-4 inhibitor mitigate adipocyte dysfunction in obese mice. Journal of Molecular Endocrinology, 2022, 68, 225-241.	1.1	8
51	Peroxisome proliferator-activated receptor-alpha activation and dipeptidyl peptidase-4 inhibition target dysbiosis to treat fatty liver in obese mice. World Journal of Gastroenterology, 2022, 28, 1814-1829.	1.4	8
52	Browning is activated in the subcutaneous white adipose tissue of mice metabolically challenged with a high-fructose diet submitted to high-intensity interval training. Journal of Nutritional Biochemistry, 2019, 70, 164-173.	1.9	7
53	High dose of linagliptin induces thermogenic beige adipocytes in the subcutaneous white adipose tissue in diet-induced obese C57BL/6 mice. Endocrine, 2019, 65, 252-262.	1.1	7
54	Anti-steatotic linagliptin pleiotropic effects encompasses suppression of de novo lipogenesis and ER stress in high-fat-fed mice. Molecular and Cellular Endocrinology, 2020, 509, 110804.	1.6	5

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55	Effectiveness of antioxidant treatments on cytochrome P450 2E1 (CYP2E1) activity after alcohol exposure in humans and in vitro models: A systematic review. International Journal of Food Properties, 2021, 24, 1300-1317.	1.3	5
56	Rol del Consumo de Alcohol y Antioxidantes sobre la MetilaciÃ³n Global del ADN y CÃ¡ncer. International Journal of Morphology, 2018, 36, 367-372.	0.1	3
57	Morphoquantitative effects of oral Î²-carotene supplementation on liver of C57BL/6 mice exposed to ethanol consumption. International Journal of Clinical and Experimental Pathology, 2019, 12, 1713-1722.	0.5	2
58	Empagliflozin Alleviates Left Ventricle Hypertrophy in High-Fat-Fed Mice by Modulating Renin Angiotensin Pathway. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2022, 2022, 8861911.	1.0	2
59	GW501516 Ameliorates A Fructose-Induced Inflammation Independent of AT1r Downregulation in Kidney. Nuclear Receptor Research, 2016, 3, .	2.5	1
60	Chronic Excessive Fructose Intake Maximizes Brown Adipocyte Whitening but Causes Similar White Adipocyte Hypertrophy Than a High-Fat Diet in C57BL/6 Mice. , 2023, 42, 435-444.		1