Vitor R MuÃ±oz

List of Publications by Year
in descending order

50	705	567281	610901
papers	citations	15 h-index	24 g-index

50	50	50	987
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Timeâ€restricted feeding combined with aerobic exercise training can prevent weight gain and improve metabolic disorders in mice fed a highâ€fat diet. Journal of Physiology, 2022, 600, 797-813.	2.9	19
2	Taurine upregulates insulin signaling and mitochondrial metabolism in vitro but not in adipocytes of obese women. Nutrition, 2022, 93, 111430.	2.4	3
3	12,13-diHOME as a new therapeutic target for metabolic diseases. Life Sciences, 2022, 290, 120229.	4.3	29
4	Taurine supplementation associated with exercise increases mitochondrial activity and fatty acid oxidation gene expression in the subcutaneous white adipose tissue of obese women. Clinical Nutrition, 2021, 40, 2180-2187.	5.0	33
5	Effects of short-term physical training on the interleukin-15 signalling pathway and glucose tolerance in aged rats. Cytokine, 2021, 137, 155306.	3.2	0
6	Acute physical exercise increases PI3Kâ€p110Î± protein content in the hypothalamus of obese mice. Journal of Anatomy, 2021, 238, 743-750.	1.5	5
7	An update on brown adipose tissue biology: a discussion of recent findings. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E488-E495.	3.5	50
8	Impact of Different Physical Exercises on the Expression of Autophagy Markers in Mice. International Journal of Molecular Sciences, 2021, 22, 2635.	4.1	14
9	Exercise Counterbalances Rho/ROCK2 Signaling Impairment in the Skeletal Muscle and Ameliorates Insulin Sensitivity in Obese Mice. Frontiers in Immunology, 2021, 12, 702025.	4.8	9
10	Short-Term Strength Exercise Reduces Hepatic Insulin Resistance in Obese Mice by Reducing PTP1B Content, Regardless of Changes in Body Weight. International Journal of Molecular Sciences, 2021, 22, 6402.	4.1	5
11	Taurine supplementation in conjunction with exercise modulated cytokines and improved subcutaneous white adipose tissue plasticity in obese women. Amino Acids, 2021, 53, 1391-1403.	2.7	11
12	TLR4 deletion increases basal energy expenditure and attenuates heart apoptosis and ER stress but mitigates the training-induced cardiac function and performance improvement. Life Sciences, 2021, 285, 119988.	4.3	5
13	Mitochondrial dysfunction plays an essential role in remodeling aging adipose tissue. Mechanisms of Ageing and Development, 2021, 200, 111598.	4.6	13
14	Omega-3 mechanism of actionÂin inflammation and endoplasmic reticulum stress in mononuclear cells from overweight non-alcoholic fatty liver disease participants: study protocol for the â€œBrazilian Omega Studyâ€•(BROS)â€”a randomized controlled trial. Trials, 2021, 22, 927.	1.6	4
15	Short-term Resistance Training Increases APPL1 Content in the Liver and the Insulin Sensitivity of Mice Fed a Long-term High-fat Diet. Experimental and Clinical Endocrinology and Diabetes, 2020, 128, 30-37.	1.2	5
16	NAD+ precursor increases aerobic performance in mice. European Journal of Nutrition, 2020, 59, 2427-2437.	3.9	20
17	Tlr4 participates in the responses of markers of apoptosis, inflammation, and ER stress to different acute exercise intensities in mice hearts. Life Sciences, 2020, 240, 117107.	4.3	9
18	When fasting results in metabolic damage: a matter of sex. Journal of Physiology, 2020, 598, 3067-3069.	2.9	1

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19	Aging is associated with increased TRB3, ER stress, and hepatic glucose production in the liver of rats. Experimental Gerontology, 2020, 139, 111021.	2.8	10
20	Physical exercise increases ROCK activity in the skeletal muscle of middle-aged rats. Mechanisms of Ageing and Development, 2020, 186, 111213.	4.6	7
21	Endurance training prevents inflammation and apoptosis in hypothalamic neurons of obese mice. Journal of Cellular Physiology, 2019, 234, 880-890.	4.1	16
22	Rho-kinase activity is upregulated in the skeletal muscle of aged exercised rats. Experimental Gerontology, 2019, 128, 110746.	2.8	5
23	Exercise Training Induces Depot-Specific Adaptations to White and Brown Adipose Tissue. IScience, 2019, 11, 425-439.	4.1	91
24	Acute physical exercise increases APPL 1/ PI 3K signaling in the hypothalamus of lean mice. European Journal of Neuroscience, 2019, 50, 3181-3190.	2.6	4
25	Short-term high-fat diet modulates several inflammatory, ER stress, and apoptosis markers in the hippocampus of young mice. Brain, Behavior, and Immunity, 2019, 79, 284-293.	4.1	91
26	Mapping Research in the Obesity, Adipose Tissue, and MicroRNA Field: A Bibliometric Analysis. Cells, 2019, 8, 1581.	4.1	16
27	Acute physical exercise increases leptinâ€induced hypothalamic extracellular signalâ€regulated kinase1/2 phosphorylation and thermogenesis of obese mice. Journal of Cellular Biochemistry, 2019, 120, 697-704.	2.6	14
28	Lifelong exercise practice and immunosenescence: Master athletes cytokine response to acute exercise. Cytokine, 2019, 115, 1-7.	3.2	26
29	Immuneâ€endocrine responses and physical performance of master athletes during the sports season. Journal of Cellular Biochemistry, 2019, 120, 5551-5557.	2.6	4
30	Exercise decreases CLK2 in the liver of obese mice and prevents hepatic fat accumulation. Journal of Cellular Biochemistry, 2018, 119, 5885-5892.	2.6	13
31	Impaired insulin signaling and spatial learning in middle-aged rats: The role of PTP1B. Experimental Gerontology, 2018, 104, 66-71.	2.8	20
32	The role of physical exercise on Sestrin1 and 2 accumulations in the skeletal muscle of mice. Life Sciences, 2018, 194, 98-103.	4.3	24
33	Acute physical exercise increases the adaptor protein APPL1 in the hypothalamus of obese mice. Cytokine, 2018, 110, 87-93.	3.2	11
34	Physical exercise reduces pyruvate carboxylase (PCB) and contributes to hyperglycemia reduction in obese mice. Journal of Physiological Sciences, 2018, 68, 493-501.	2.1	15
35	Exercise increases Rhoâ€kinase activity and insulin signaling in skeletal muscle. Journal of Cellular Physiology, 2018, 233, 4791-4800.	4.1	24
36	The Effects of Aging on Rho-Kinase and Insulin Signaling in Skeletal Muscle and White Adipose Tissue of Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 75, 432-436.	3.6	10

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37	The reversal effect of physical exercise on aging-related increases in APPL2 content in skeletal muscle. Life Sciences, 2018, 210, 209-213.	4.3	5
38	Physical training reverses changes in hepatic mitochondrial diameter of Alloxan-induced diabetic rats. Einstein (Sao Paulo, Brazil), 2018, 16, eAO4353.	0.7	0
39	High Dosage of Vitamin D Regulates the Energy Metabolism and Increases Insulin Sensitivity, but are Associated with High Levels of Kidney Damage. Drug Development Research, 2017, 78, 203-209.	2.9	8
40	Molecular mechanisms of glucose uptake in skeletal muscle at rest and in response to exercise. Motriz Revista De Educacao Fisica, 2017, 23, .	0.2	18
41	Obesity Increases Mitogen-Activated Protein Kinase Phosphatase-3 Levels in the Hypothalamus of Mice. Frontiers in Cellular Neuroscience, 2017, 11, 313.	3.7	11
42	Overexpression of Mitogen-activated protein kinase phosphatase-3 (MKP-3) reduces FoxO1 phosphorylation in mice hypothalamus. Neuroscience Letters, 2017, 659, 14-17.	2.1	3
43	Exercise Reduces Hepatic Gluconeogenesis in Obese and Insulin Resistant Animals Through CLK2 Protein (Cdc2-Like Kinase). Medicine and Science in Sports and Exercise, 2016, 48, 524.	0.4	0
44	Physical Exercise Increases Glucose Uptake in Skeletal Muscle of Obese Mice Through Rho-Kinase Metabolism. Medicine and Science in Sports and Exercise, 2016, 48, 748.	0.4	0
45	Acute Physical Exercise Increases Glucose Uptake in Skeletal Muscle of Old Rats Through Rho-Kinase Metabolism. Medicine and Science in Sports and Exercise, 2016, 48, 578-579.	0.4	0
46	Chronic Exercise Reduces The Sirt1 S-nitrosation In The Liver Of Old Mice. Medicine and Science in Sports and Exercise, 2016, 48, 906.	0.4	0
47	Regulation of hepatic TRB3/Akt interaction induced by physical exercise and its effect on the hepatic glucose production in an insulin resistance state. Diabetology and Metabolic Syndrome, 2015, 7, 67.	2.7	22
48	Physical training prevent and treat hepatic lipid accumulation induced by fructose-rich diet. Bioscience Journal, 0, , 1041-1050.	0.4	1
49	Analysis of body weight of adults by different indirect methods. Revista Brasileira De Cineantropometria E Desempenho Humano, 0, 22, .	0.5	1
50	Occurrence of overweight in schoolchildren and analysis of agreement between anthropometric methods. Revista Brasileira De Cineantropometria E Desempenho Humano, 0, 22, .	0.5	0