

Vitor R Muñoz

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

705
citations

567281

15
h-index

610901

24
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50
all docs

50
docs citations

50
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise Training Induces Depot-Specific Adaptations to White and Brown Adipose Tissue. <i>IScience</i> , 2019, 11, 425-439.	4.1	91
2	Short-term high-fat diet modulates several inflammatory, ER stress, and apoptosis markers in the hippocampus of young mice. <i>Brain, Behavior, and Immunity</i> , 2019, 79, 284-293.	4.1	91
3	An update on brown adipose tissue biology: a discussion of recent findings. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E488-E495.	3.5	50
4	Taurine supplementation associated with exercise increases mitochondrial activity and fatty acid oxidation gene expression in the subcutaneous white adipose tissue of obese women. <i>Clinical Nutrition</i> , 2021, 40, 2180-2187.	5.0	33
5	12,13-diHOME as a new therapeutic target for metabolic diseases. <i>Life Sciences</i> , 2022, 290, 120229.	4.3	29
6	Lifelong exercise practice and immunosenescence: Master athletes cytokine response to acute exercise. <i>Cytokine</i> , 2019, 115, 1-7.	3.2	26
7	The role of physical exercise on Sestrin1 and 2 accumulations in the skeletal muscle of mice. <i>Life Sciences</i> , 2018, 194, 98-103.	4.3	24
8	Exercise increases Rhoâ€kinase activity and insulin signaling in skeletal muscle. <i>Journal of Cellular Physiology</i> , 2018, 233, 4791-4800.	4.1	24
9	Regulation of hepatic TRB3/Akt interaction induced by physical exercise and its effect on the hepatic glucose production in an insulin resistance state. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 67.	2.7	22
10	Impaired insulin signaling and spatial learning in middle-aged rats: The role of PTP1B. <i>Experimental Gerontology</i> , 2018, 104, 66-71.	2.8	20
11	NAD+ precursor increases aerobic performance in mice. <i>European Journal of Nutrition</i> , 2020, 59, 2427-2437.	3.9	20
12	Timeâ€restricted feeding combined with aerobic exercise training can prevent weight gain and improve metabolic disorders in mice fed a highâ€fat diet. <i>Journal of Physiology</i> , 2022, 600, 797-813.	2.9	19
13	Molecular mechanisms of glucose uptake in skeletal muscle at rest and in response to exercise. <i>Motriz Revista De Educacao Fisica</i> , 2017, 23, .	0.2	18
14	Endurance training prevents inflammation and apoptosis in hypothalamic neurons of obese mice. <i>Journal of Cellular Physiology</i> , 2019, 234, 880-890.	4.1	16
15	Mapping Research in the Obesity, Adipose Tissue, and MicroRNA Field: A Bibliometric Analysis. <i>Cells</i> , 2019, 8, 1581.	4.1	16
16	Physical exercise reduces pyruvate carboxylase (PCB) and contributes to hyperglycemia reduction in obese mice. <i>Journal of Physiological Sciences</i> , 2018, 68, 493-501.	2.1	15
17	Acute physical exercise increases leptinâ€induced hypothalamic extracellular signalâ€regulated kinase1/2 phosphorylation and thermogenesis of obese mice. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 697-704.	2.6	14
18	Impact of Different Physical Exercises on the Expression of Autophagy Markers in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2635.	4.1	14

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19	Exercise decreases CLK2 in the liver of obese mice and prevents hepatic fat accumulation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5885-5892.	2.6	13
20	Mitochondrial dysfunction plays an essential role in remodeling aging adipose tissue. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111598.	4.6	13
21	Obesity Increases Mitogen-Activated Protein Kinase Phosphatase-3 Levels in the Hypothalamus of Mice. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 313.	3.7	11
22	Acute physical exercise increases the adaptor protein APPL1 in the hypothalamus of obese mice. <i>Cytokine</i> , 2018, 110, 87-93.	3.2	11
23	Taurine supplementation in conjunction with exercise modulated cytokines and improved subcutaneous white adipose tissue plasticity in obese women. <i>Amino Acids</i> , 2021, 53, 1391-1403.	2.7	11
24	The Effects of Aging on Rho-Kinase and Insulin Signaling in Skeletal Muscle and White Adipose Tissue of Rats. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 75, 432-436.	3.6	10
25	Aging is associated with increased TRB3, ER stress, and hepatic glucose production in the liver of rats. <i>Experimental Gerontology</i> , 2020, 139, 111021.	2.8	10
26	Tlr4 participates in the responses of markers of apoptosis, inflammation, and ER stress to different acute exercise intensities in mice hearts. <i>Life Sciences</i> , 2020, 240, 117107.	4.3	9
27	Exercise Counterbalances Rho/ROCK2 Signaling Impairment in the Skeletal Muscle and Ameliorates Insulin Sensitivity in Obese Mice. <i>Frontiers in Immunology</i> , 2021, 12, 702025.	4.8	9
28	High Dosage of Vitamin D Regulates the Energy Metabolism and Increases Insulin Sensitivity, but are Associated with High Levels of Kidney Damage. <i>Drug Development Research</i> , 2017, 78, 203-209.	2.9	8
29	Physical exercise increases ROCK activity in the skeletal muscle of middle-aged rats. <i>Mechanisms of Ageing and Development</i> , 2020, 186, 111213.	4.6	7
30	The reversal effect of physical exercise on aging-related increases in APPL2 content in skeletal muscle. <i>Life Sciences</i> , 2018, 210, 209-213.	4.3	5
31	Rho-kinase activity is upregulated in the skeletal muscle of aged exercised rats. <i>Experimental Gerontology</i> , 2019, 128, 110746.	2.8	5
32	Short-term Resistance Training Increases APPL1 Content in the Liver and the Insulin Sensitivity of Mice Fed a Long-term High-fat Diet. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 30-37.	1.2	5
33	Acute physical exercise increases PI3K ϵ 110 $\hat{+}$ protein content in the hypothalamus of obese mice. <i>Journal of Anatomy</i> , 2021, 238, 743-750.	1.5	5
34	Short-Term Strength Exercise Reduces Hepatic Insulin Resistance in Obese Mice by Reducing PTP1B Content, Regardless of Changes in Body Weight. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6402.	4.1	5
35	TLR4 deletion increases basal energy expenditure and attenuates heart apoptosis and ER stress but mitigates the training-induced cardiac function and performance improvement. <i>Life Sciences</i> , 2021, 285, 119988.	4.3	5
36	Acute physical exercise increases APPL1/PI3K signaling in the hypothalamus of lean mice. <i>European Journal of Neuroscience</i> , 2019, 50, 3181-3190.	2.6	4

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37	Immune-endocrine responses and physical performance of master athletes during the sports season. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 5551-5557.	2.6	4
38	Omega-3 mechanism of action in inflammation and endoplasmic reticulum stress in mononuclear cells from overweight non-alcoholic fatty liver disease participants: study protocol for the "Brazilian Omega Study" (BROS) a randomized controlled trial. <i>Trials</i> , 2021, 22, 927.	1.6	4
39	Taurine upregulates insulin signaling and mitochondrial metabolism in vitro but not in adipocytes of obese women. <i>Nutrition</i> , 2022, 93, 111430.	2.4	3
40	Overexpression of Mitogen-activated protein kinase phosphatase-3 (MKP-3) reduces FoxO1 phosphorylation in mice hypothalamus. <i>Neuroscience Letters</i> , 2017, 659, 14-17.	2.1	3
41	When fasting results in metabolic damage: a matter of sex. <i>Journal of Physiology</i> , 2020, 598, 3067-3069.	2.9	1
42	Physical training prevent and treat hepatic lipid accumulation induced by fructose-rich diet. <i>Bioscience Journal</i> , 0, , 1041-1050.	0.4	1
43	Analysis of body weight of adults by different indirect methods. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 0, 22, .	0.5	1
44	Exercise Reduces Hepatic Gluconeogenesis in Obese and Insulin Resistant Animals Through CLK2 Protein (Cdc2-Like Kinase). <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 524.	0.4	0
45	Physical training reverses changes in hepatic mitochondrial diameter of Alloxan-induced diabetic rats. <i>Einstein (Sao Paulo, Brazil)</i> , 2018, 16, eAO4353.	0.7	0
46	Effects of short-term physical training on the interleukin-15 signalling pathway and glucose tolerance in aged rats. <i>Cytokine</i> , 2021, 137, 155306.	3.2	0
47	Physical Exercise Increases Glucose Uptake in Skeletal Muscle of Obese Mice Through Rho-Kinase Metabolism. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 748.	0.4	0
48	Acute Physical Exercise Increases Glucose Uptake in Skeletal Muscle of Old Rats Through Rho-Kinase Metabolism. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 578-579.	0.4	0
49	Chronic Exercise Reduces The Sirt1 S-nitrosation In The Liver Of Old Mice. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 906.	0.4	0
50	Occurrence of overweight in schoolchildren and analysis of agreement between anthropometric methods. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 0, 22, .	0.5	0