

David Rizo-Roca

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

534
citations

759233

12
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical exercise improves brain cortex and cerebellum mitochondrial bioenergetics and alters apoptotic, dynamic and auto(mito)phagy markers. <i>Neuroscience</i> , 2015, 301, 480-495.	2.3	112
2	Physical exercise prior and during treatment reduces sub-chronic doxorubicin-induced mitochondrial toxicity and oxidative stress. <i>Mitochondrion</i> , 2015, 20, 22-33.	3.4	79
3	Swimming-induced exercise promotes hypertrophy and vascularization of fast skeletal muscle fibres and activation of myogenic and angiogenic transcriptional programs in adult zebrafish. <i>BMC Genomics</i> , 2014, 15, 1136.	2.8	67
4	Physical exercise prevents and mitigates non-alcoholic steatohepatitis-induced liver mitochondrial structural and bioenergetics impairments. <i>Mitochondrion</i> , 2014, 15, 40-51.	3.4	48
5	Exercise modulates liver cellular and mitochondrial proteins related to quality control signaling. <i>Life Sciences</i> , 2015, 135, 124-130.	4.3	48
6	Modulation of cardiac mitochondrial permeability transition and apoptotic signaling by endurance training and intermittent hypobaric hypoxia. <i>International Journal of Cardiology</i> , 2014, 173, 40-45.	1.7	32
7	Postinjury Exercise and Platelet-Rich Plasma Therapies Improve Skeletal Muscle Healing in Rats But Are Not Synergistic When Combined. <i>American Journal of Sports Medicine</i> , 2017, 45, 2131-2141.	4.2	26
8	Exercise mitigates diclofenac-induced liver mitochondrial dysfunction. <i>European Journal of Clinical Investigation</i> , 2014, 44, 668-677.	3.4	23
9	Intermittent hypobaric hypoxia combined with aerobic exercise improves muscle morphofunctional recovery after eccentric exercise to exhaustion in trained rats. <i>Journal of Applied Physiology</i> , 2017, 122, 580-592.	2.5	15
10	Modulation of mitochondrial biomarkers by intermittent hypobaric hypoxia and aerobic exercise after eccentric exercise in trained rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 683-693.	1.9	14
11	Physical exercise positively modulates DOX-induced hepatic oxidative stress, mitochondrial dysfunction and quality control signaling. <i>Mitochondrion</i> , 2019, 47, 103-113.	3.4	13
12	Effect of intermittent hypoxia and exercise on blood rheology and oxygen transport in trained rats. <i>Respiratory Physiology and Neurobiology</i> , 2014, 192, 112-117.	1.6	12
13	A semiquantitative scoring tool to evaluate eccentric exercise-induced muscle damage in trained rats. <i>European Journal of Histochemistry</i> , 2015, 59, 2544.	1.5	10
14	Additive Effects of Intermittent Hypobaric Hypoxia and Endurance Training on Bodyweight, Food Intake, and Oxygen Consumption in Rats. <i>High Altitude Medicine and Biology</i> , 2018, 19, 278-285.	0.9	8
15	Effects of Intermittent Hypoxia and Light Aerobic Exercise on Circulating Stem Cells and Side Population, after Strenuous Eccentric Exercise in Trained Rats. <i>Current Stem Cell Research and Therapy</i> , 2015, 10, 132-139.	1.3	8
16	Contractile Activity Is Necessary to Trigger Intermittent Hypobaric Hypoxia-Induced Fiber Size and Vascular Adaptations in Skeletal Muscle. <i>Frontiers in Physiology</i> , 2018, 9, 481.	2.8	5
17	A three-criteria performance score for rats exercising on a running treadmill. <i>PLoS ONE</i> , 2019, 14, e0219167.	2.5	5
18	Vibrant DyeCycle Violet Stain Discriminates Two Different Subsets of CD34+ Cells. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 66-71.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Targeting Mitochondria with Sweat: Improving Mitochondrial Function with Physical Activity. , 2018, , 379-406.		4
20	Intermittent Hypoxia Increases Mitochondrial Dynamics and Biogenesis After Eccentric Exercise-Induced Muscle Damage in Trained Rats. Medicine and Science in Sports and Exercise, 2016, 48, 899-900.	0.4	0