

RÃ'mulo Pillon Barcelos

List of Publications by Year in descending order

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29
papers

737
citations

623734

14
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526287

27
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30
all docs

30
docs citations

30
times ranked

1643
citing authors

#	ARTICLE	IF	CITATIONS
1	Moderate-intensity functional training improves mitochondrial capability and redox state in peripheral blood mononuclear cells of metabolic syndrome women. <i>Sport Sciences for Health</i> , 2021, 17, 91-101.	1.3	1
2	Diclofenac Administration after Physical Training Blunts Adaptations of Peripheral Systems and Leads to Losses in Exercise Performance: In Vivo and In Silico Analyses. <i>Antioxidants</i> , 2021, 10, 1246.	5.1	1
3	Diclofenac attenuates inflammation through TLR4 pathway and improves exercise performance after exhaustive swimming. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 264-271.	2.9	13
4	Diphenyl diselenide blunts swimming training on mitochondrial liver redox adaptation mechanisms of aged animals. <i>Sport Sciences for Health</i> , 2020, 16, 281-290.	1.3	0
5	Soybean Plant Metabolism under Water Deficit and Xenobiotic and Antioxidant Agent Application. <i>Biology</i> , 2020, 9, 266.	2.8	8
6	Caffeine effects on systemic metabolism, oxidative-inflammatory pathways, and exercise performance. <i>Nutrition Research</i> , 2020, 80, 1-17.	2.9	64
7	<i>In Vitro</i> Biological Properties of <i>Solanum sessiliflorum</i> (Dunal), an Amazonian Fruit. <i>Journal of Medicinal Food</i> , 2020, 23, 978-987.	1.5	5
8	Acetaminophen Oxidation and Inflammatory Markers – A Review of Hepatic Molecular Mechanisms and Preclinical Studies. <i>Current Drug Targets</i> , 2020, 21, 1225-1236.	2.1	0
9	Multiple mechanistic action of <i>Rosmarinus officinalis</i> L. extract against ethanol effects in an acute model of intestinal damage. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 454-459.	5.6	7
10	<i>Syzygium cumini</i> leaf extract inhibits LDL oxidation, but does not protect the lipoprotein from glycation. <i>Journal of Ethnopharmacology</i> , 2018, 210, 69-79.	4.1	16
11	Diclofenac pretreatment modulates exercise-induced inflammation in skeletal muscle of rats through the TLR4/NF- κ B pathway. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 757-764.	1.9	19
12	Oxidative stress and inflammation: liver responses and adaptations to acute and regular exercise. <i>Free Radical Research</i> , 2017, 51, 222-236.	3.3	52
13	Previous physical exercise alters the hepatic profile of oxidative-inflammatory status and limits the secondary brain damage induced by severe traumatic brain injury in rats. <i>Journal of Physiology</i> , 2017, 595, 6023-6044.	2.9	29
14	Functional and biochemical adaptations of elite level futsal players from Brazil along a training season. <i>Medicina (Lithuania)</i> , 2017, 53, 285-293.	2.0	10
15	Diclofenac pretreatment effects on the toll-like receptor 4/nuclear factor kappa B-mediated inflammatory response to eccentric exercise in rat liver. <i>Life Sciences</i> , 2016, 148, 247-253.	4.3	30
16	Free radical scavenging in vitro and biological activity of diphenyl diselenide-loaded nanocapsules: DPDS-NCS antioxidant and toxicological effects. <i>International Journal of Nanomedicine</i> , 2015, 10, 5663.	6.7	8
17	Protective Effects of Aqueous Extract of <i>Luehea divaricata</i> against Behavioral and Oxidative Changes Induced by 3-Nitropropionic Acid in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-11.	1.2	19
18	Response of oxidative stress and inflammatory biomarkers to a 12-week aerobic exercise training in women with metabolic syndrome. <i>Sports Medicine - Open</i> , 2015, 1, 19.	3.1	74

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19	Creatine and the Liver: Metabolism and Possible Interactions. Mini-Reviews in Medicinal Chemistry, 2015, 16, 12-18.	2.4	54
20	Caffeine Intake May Modulate Inflammation Markers in Trained Rats. Nutrients, 2014, 6, 1678-1690.	4.1	24
21	Caffeine supplementation modulates oxidative stress markers in the liver of trained rats. Life Sciences, 2014, 96, 40-45.	4.3	44
22	Guaranã (Paullinia cupana Kunth) effects on LDL oxidation in elderly people: an in vitro and in vivo study. Lipids in Health and Disease, 2013, 12, 12.	3.0	44
23	Protective action of ethanolic extract of Rosmarinus officinalis L. in gastric ulcer prevention induced by ethanol in rats. Food and Chemical Toxicology, 2013, 55, 48-55.	3.6	113
24	The antioxidant properties of different phthalocyanines. Toxicology in Vitro, 2012, 26, 125-132.	2.4	46
25	Isatin-3-N4-benzilthiosemicarbazone, a non-toxic thiosemicarbazone derivative, protects and reactivates rat and human cholinesterases inhibited by methamidophos in vitro and in silico. Toxicology in Vitro, 2012, 26, 1030-1039.	2.4	8
26	Effect of Different Oximes on Rat and Human Cholinesterases Inhibited by Methamidophos: A Comparative <i>In Vitro</i> and <i>In Silico</i> Study. Basic and Clinical Pharmacology and Toxicology, 2012, 111, 362-370.	2.5	11
27	Effect of repeated restraint stress and clomipramine on Na ⁺ /K ⁺ -ATPase activity and behavior in rats. International Journal of Developmental Neuroscience, 2011, 29, 909-916.	1.6	9
28	Thiosemicarbazone derivate protects from AAPH and Cu ²⁺ -induced LDL oxidation. Life Sciences, 2011, 89, 20-28.	4.3	15
29	Oximes as inhibitors of low density lipoprotein oxidation. Life Sciences, 2008, 83, 878-885.	4.3	13