

RÃ'mulo Pillon Barcelos

List of Publications by Year in descending order

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29
papers

737
citations

623699

14
h-index

526264

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. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 16, 12-18.	2.4	54
20	Caffeine Intake May Modulate Inflammation Markers in Trained Rats. <i>Nutrients</i> , 2014, 6, 1678-1690.	4.1	24
21	Caffeine supplementation modulates oxidative stress markers in the liver of trained rats. <i>Life Sciences</i> , 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. <i>Lipids in Health and Disease</i> , 2013, 12, 12.	3.0	44
23	Protective action of ethanolic extract of <i>Rosmarinus officinalis</i> L. in gastric ulcer prevention induced by ethanol in rats. <i>Food and Chemical Toxicology</i> , 2013, 55, 48-55.	3.6	113
24	The antioxidant properties of different phthalocyanines. <i>Toxicology in Vitro</i> , 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. <i>Toxicology in Vitro</i> , 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. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 111, 362-370.	2.5	11
27	Effect of repeated restraint stress and clomipramine on Na ⁺ /K ⁺ â€ATPase activity and behavior in rats. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 909-916.	1.6	9
28	Thiosemicarbazone derivate protects from AAPH and Cu ²⁺ -induced LDL oxidation. <i>Life Sciences</i> , 2011, 89, 20-28.	4.3	15
29	Oximes as inhibitors of low density lipoprotein oxidation. <i>Life Sciences</i> , 2008, 83, 878-885.	4.3	13