

Sãlvio Terra Stefanello

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

847
citations

430874

18
h-index

526287

27
g-index

48
all docs

48
docs citations

48
times ranked

1600
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Evaluation of in vitro antioxidant effect of new mono and diselenides. <i>Toxicology in Vitro</i> , 2013, 27, 1433-1439.	2.4	62
3	Creatine and the Liver: Metabolism and Possible Interactions. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 16, 12-18.	2.4	54
4	Caffeine supplementation modulates oxidative stress markers in the liver of trained rats. <i>Life Sciences</i> , 2014, 96, 40-45.	4.3	44
5	Novel ibuprofenate- and docusate-based ionic liquids: emergence of antimicrobial activity. <i>RSC Advances</i> , 2016, 6, 100476-100486.	3.6	39
6	High Intensity Interval Training Reduces the Levels of Serum Inflammatory Cytokine on Women with Metabolic Syndrome. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2016, 124, 597-601.	1.2	36
7	Antioxidant Activity and Phytochemical Composition of the Leaves of <i>Solanum guaraniticum</i> A. St.-Hil. <i>Molecules</i> , 2012, 17, 12560-12574.	3.8	33
8	Synthesis and antioxidant properties of organosulfur and organoselenium compounds derived from 5-substituted-1,3,4-oxadiazole/thiadiazole-2-thiols. <i>Tetrahedron Letters</i> , 2017, 58, 87-91.	1.4	33
9	HPLC Analysis of Phenolics Compounds and Antioxidant Capacity of Leaves of <i>Vitex megapotamica</i> (Sprengel) Moldenke. <i>Molecules</i> , 2013, 18, 8342-8357.	3.8	30
10	Antibacterial and antioxidant effects of <i>Rosmarinus officinalis</i> L. extract and its fractions. <i>Journal of Traditional and Complementary Medicine</i> , 2019, 9, 383-392.	2.7	28
11	High-intensity interval training improves inflammatory and adipokine profiles in postmenopausal women with metabolic syndrome. <i>Archives of Physiology and Biochemistry</i> , 2019, 125, 85-91.	2.1	28
12	In vitro antioxidant activity of stem bark of <i>Trichilia catigua</i> Adr. Juss. <i>Acta Pharmaceutica</i> , 2012, 62, 371-382.	2.0	27
13	Protective effects of novel organic selenium compounds against oxidative stress in the nematode <i>Caenorhabditis elegans</i> . <i>Toxicology Reports</i> , 2015, 2, 961-967.	3.3	26
14	Antioxidant activity of β^2 -selenoamines and their capacity to mimic different enzymes. <i>Molecular and Cellular Biochemistry</i> , 2012, 365, 85-92.	3.1	25
15	The antibacterial and anti-biofilm activity of gold-complexed sulfonamides against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Microbial Pathogenesis</i> , 2018, 123, 440-448.	2.9	25
16	Caffeine Intake May Modulate Inflammation Markers in Trained Rats. <i>Nutrients</i> , 2014, 6, 1678-1690.	4.1	24
17	Caffeine and acetaminophen association: Effects on mitochondrial bioenergetics. <i>Life Sciences</i> , 2018, 193, 234-241.	4.3	21
18	Phenolic composition and in vitro activity of the Brazilian fruit tree <i>Caryocar coriaceum</i> Wittm.. <i>European Journal of Integrative Medicine</i> , 2013, 5, 178-183.	1.7	19

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19	Diphenyl ditelluride targets brain selenoproteins in vivo: inhibition of cerebral thioredoxin reductase and glutathione peroxidase in mice after acute exposure. <i>Molecular and Cellular Biochemistry</i> , 2012, 370, 173-182.	3.1	18
20	An active lifestyle induces positive antioxidant enzyme modulation in peripheral blood mononuclear cells of overweight/obese postmenopausal women. <i>Life Sciences</i> , 2015, 121, 152-157.	4.3	17
21	Synthesis and electrochemical and antioxidant properties of chalcogenocyanate oxadiazole and 5-heteroarylchalcogenomethyl-1H-tetrazole derivatives. <i>New Journal of Chemistry</i> , 2017, 41, 5875-5883.	2.8	17
22	Centella asiatica and Its Fractions Reduces Lipid Peroxidation Induced by Quinolinic Acid and Sodium Nitroprusside in Rat Brain Regions. <i>Neurochemical Research</i> , 2015, 40, 1197-1210.	3.3	14
23	Impact of Anions on the Partition Constant, Self-Diffusion, Thermal Stability, and Toxicity of Dicationic Ionic Liquids. <i>ACS Omega</i> , 2018, 3, 734-743.	3.5	14
24	Antibiofilm effect of antimicrobials used in the therapy of mycobacteriosis. <i>Microbial Pathogenesis</i> , 2016, 99, 229-235.	2.9	13
25	Molecular docking, and anti-biofilm activity of gold-complexed sulfonamides on <i>Pseudomonas aeruginosa</i> . <i>Microbial Pathogenesis</i> , 2018, 125, 393-400.	2.9	13
26	Effect of diselenide administration in thioacetamide-induced acute neurological and hepatic failure in mice. <i>Toxicology Research</i> , 2015, 4, 707-717.	2.1	12
27	Impact of the Nuclear Envelope on Malignant Transformation, Motility, and Survival of Lung Cancer Cells. <i>Advanced Science</i> , 2021, 8, e2102757.	11.2	12
28	Anti-biofilm and Antibacterial Effects of Novel Metal-coordinated Sulfamethoxazole Against <i>Escherichia coli</i> . <i>Letters in Drug Design and Discovery</i> , 2017, 14, 339-344.	0.7	11
29	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
30	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
31	Effects of caffeine on brain antioxidant status and mitochondrial respiration in acetaminophen-intoxicated mice. <i>Toxicology Research</i> , 2020, 9, 726-734.	2.1	8
32	Synthesis and Antitumoral Lung Carcinoma A549 and Antioxidant Activity Assays Of New Chiral β -Aryl-Chalcogenium Azide Compounds. <i>ChemistrySelect</i> , 2017, 2, 8423-8430.	1.5	7
33	MPMT-OX up-regulates GABAergic transmission and protects against seizure-like behavior in <i>Caenorhabditis elegans</i> . <i>NeuroToxicology</i> , 2019, 74, 272-281.	3.0	7
34	Weight loss is not mandatory for exercise-induced effects on health indices in females with metabolic syndrome. <i>Biology of Sport</i> , 2014, 32, 109-114.	3.2	7
35	The insertion of functional groups in organic selenium compounds promote changes in mitochondrial parameters and raise the antibacterial activity. <i>Bioorganic Chemistry</i> , 2020, 98, 103727.	4.1	6
36	Oxidative stress is involved in LLLT mechanism of action on skin healing in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10293.	1.5	6

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37	Eco-friendly synthesis and antioxidant activity of new trifluoromethyl-substituted N-(pyrimidin-2-yl)benzo[d]thiazol-2-amines and some N-derivatives. Monatshefte für Chemie, 2016, 147, 2185-2194.	1.8	5
38	Antioxidant protection by selenoamines against thioacetamide-induced oxidative stress and hepatotoxicity in mice. Journal of Biochemical and Molecular Toxicology, 2017, 31, e21974.	3.0	5
39	N-acetylcysteine does not protect behavioral and biochemical toxicological effect after acute exposure of diphenyl ditelluride. Toxicology Mechanisms and Methods, 2014, 24, 529-535.	2.7	4
40	Synthesis, Structure Elucidation, Antioxidant and Antimicrobial Activity of Novel 2-(5-Trifluoromethyl-1H-pyrazol-1-yl)-5-(5-trihalomethyl-1H-pyrazol-1-yl)-1-carbonylpyridines. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2
41	Moderate-intensity functional training improves mitochondrial capability and redox state in peripheral blood mononuclear cells of metabolic syndrome women. Sport Sciences for Health, 2021, 17, 91-101.	1.3	1
42	Caffeine supplementation changes inflammatory biomarkers after exercise. Journal of Yoga & Physical Therapy, 2016, 06, .	0.1	1
43	Diphenyl diselenide blunts swimming training on mitochondrial liver redox adaptation mechanisms of aged animals. Sport Sciences for Health, 2020, 16, 281-290.	1.3	0
44	Impact of Resistance Training on Quality of Life and Ischemia Modified Albumin Levels in Men with Cardiovascular Risk Factors. Heart Research - Open Journal, 2014, 1, 15-21.	0.2	0
45	Effect of Poikilacanthus glandulosus (Nees) Ariza branches and gallic acid against viability of Echinococcus orteppi protoscoleces. Journal of Applied Pharmaceutical Science, 0, , .	1.0	0
46	Acetaminophen Oxidation and Inflammatory Markers – A Review of Hepatic Molecular Mechanisms and Preclinical Studies. Current Drug Targets, 2020, 21, 1225-1236.	2.1	0