Stefania Sabatini

List of Publications by Year
in descending order

47 papers	1,272 citations	279798 23 h-index	377865 34 g-index
48 all docs	48 docs citations	48 times ranked	1681 citing authors

#	Article	IF	Citations
1	Physical activity and the endocannabinoid system: an overview. Cellular and Molecular Life Sciences, 2014, 71, 2681-2698.	5.4	80
2	Explosive type of moderate-resistance training induces functional, cardiovascular, and molecular adaptations in the elderly. Age, 2014, 36, 759-772.	3.0	74
3	Nuclear factor ÎºB and activating protein 1 are involved in differentiation-related resistance to oxidative stress in skeletal muscle cells. Free Radical Biology and Medicine, 2004, 37, 1024-1036.	2.9	72
4	Induction of gene expression via activator protein-1 in the ascorbate protection against UV-induced damage. Biochemical Journal, 2001, 356, 77-85.	3.7	61
5	Resistance training and redox homeostasis: Correlation with age-associated genomic changes. Redox Biology, 2016, 10, 34-44.	9.0	61
6	Oxidative stress responses to a graded maximal exercise test in older adults following explosive-type resistance training. Redox Biology, 2014, 2, 65-72.	9.0	55
7	Vitamin C homeostasis in skeletal muscle cells. Free Radical Biology and Medicine, 2005, 38, 898-907.	2.9	53
8	Cellular and biochemical parameters of exercise-induced oxidative stress: Relationship with training levels. Free Radical Research, 2006, 40, 607-614.	3.3	53
9	Induction of gene expression via activator protein-1 in the ascorbate protection against UV-induced damage. Biochemical Journal, 2001, 356, 77.	3.7	47
10	The Effects of Quercetin Supplementation on Eccentric Exercise-Induced Muscle Damage. Nutrients, 2019, 11, 205.	4.1	42
11	Chronic consumption of quercetin reduces erythrocytes oxidative damage: Evaluation at resting and after eccentric exercise in humans. Nutrition Research, 2018, 50, 73-81.	2.9	40
12	Tadalafil alters energy metabolism in C2C12 skeletal muscle cells.. Acta Biochimica Polonica, 2011, 58, .	0.5	38
13	Reaction of beef plasma and lentil seedlings Cu-amine oxidases with phenylhydrazine. Biochemical and Biophysical Research Communications, 1983, 115, 841-848.	2.1	36
14	Physical exercise, nutrition and hormones: three pillars to fight sarcopenia. Aging Male, 2019, 22, 75-88.	1.9	32
15	Adaptive responses of heart and skeletal muscle to spermine oxidase overexpression: Evaluation of a new transgenic mouse model. Free Radical Biology and Medicine, 2017, 103, 216-225.	2.9	31
16	The Fatty Acid Amide Hydrolase in Lymphocytes from Sedentary and Active Subjects. Medicine and Science in Sports and Exercise, 2014, 46, 24-32.	0.4	30
17	Evaluation of Levodopa and Carbidopa Antioxidant Activity in Normal Human Lymphocytes In Vitro: Implication for Oxidative Stress in Parkinsonâ€™s Disease. Neurotoxicity Research, 2015, 27, 106-117.	2.7	29
18	Activation of Different Lipoxygenase Isozymes Induces Apoptosis in Human Erythroleukemia and Neuroblastoma Cells. Biochemical and Biophysical Research Communications, 2000, 272, 345-350.	2.1	27

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19	Effects of tadalafil administration on plasma markers of exercise-induced muscle damage, IL6 and antioxidant status capacity. European Journal of Applied Physiology, 2015, 115, 531-539.	2.5	26
20	Influence of the PDE5 inhibitor tadalafil on redox status and antioxidant defense system in C2C12 skeletal muscle cells. Cell Stress and Chaperones, 2017, 22, 389-396.	2.9	26
21	The acute effect of Quercetin on muscle performance following a single resistance training session. European Journal of Applied Physiology, 2018, 118, 1021-1031.	2.5	26
22	Telomere length is independently associated with age, oxidative biomarkers, and sport training in skeletal muscle of healthy adult males. Free Radical Research, 2018, 52, 639-647.	3.3	26
23	Tadalafil alters energy metabolism in C2C12 skeletal muscle cells. Acta Biochimica Polonica, 2011, 58, 237-41.	0.5	25
24	Sildenafil Reduces Expression and Release of IL-6 and IL-8 Induced by Reactive Oxygen Species in Systemic Sclerosis Fibroblasts. International Journal of Molecular Sciences, 2020, 21, 3161.	4.1	24
25	Can Physical Activity Influence Human Gut Microbiota Composition Independently of Diet? A Systematic Review. Nutrients, 2021, 13, 1890.	4.1	22
26	Vitamin C Recycling Is Enhanced in the Adaptive Response to Leptin-Induced Oxidative Stress in Keratinocytes. Journal of Investigative Dermatology, 2003, 121, 786-793.	0.7	21
27	Moringa oleifera Leaf Extract Upregulates Nrf2/HO-1 Expression and Ameliorates Redox Status in C2C12 Skeletal Muscle Cells. Molecules, 2021, 26, 5041.	3.8	21
28	Skeletal Muscle Pathophysiology: The Emerging Role of Spermine Oxidase and Spermidine. Medical Sciences (Basel, Switzerland), 2018, 6, 14.	2.9	20
29	Endurance training improves plasma superoxide dismutase activity in healthy elderly. Mechanisms of Ageing and Development, 2020, 185, 111190.	4.6	17
30	Phosphodiesterase Type 5 Inhibitors, Sport and Doping. Current Sports Medicine Reports, 2017, 16, 443-447.	1.2	15
31	A multi-biomarker analysis of the antioxidant efficacy of Parkinson's disease therapy. Toxicology in Vitro, 2018, 47, 1-7.	2.4	15
32	Moringa oleifera leaf extract influences oxidative metabolism in C2C12 myotubes through SIRT1-PPARÎ± pathway. Phytomedicine Plus, 2021, 1, 100014.	2.0	13
33	Quercetin Supplementation Improves Neuromuscular Function Recovery from Muscle Damage. Nutrients, 2020, 12, 2850.	4.1	12
34	The Phosphodiesterase Type 5 Inhibitor Sildenafil Improves DNA Stability and Redox Homeostasis in Systemic Sclerosis Fibroblasts Exposed to Reactive Oxygen Species. Antioxidants, 2020, 9, 786.	5.1	12
35	Effects of Salmeterol on Skeletal Muscle Cells. Medicine and Science in Sports and Exercise, 2011, 43, 2259-2273.	0.4	10
36	Acute effects of physical exercise and phosphodiesteraseâ€™s type 5 inhibition on serum 11Î²-hydroxysteroid dehydrogenases related glucocorticoids metabolites: a pilot study. Endocrine, 2014, 47, 952-958.	2.3	10

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37	Emerging Role for Linear and Circular Spermine Oxidase RNAs in Skeletal Muscle Physiopathology. International Journal of Molecular Sciences, 2020, 21, 8227.	4.1	10
38	Quercetin Modulates IGF-I and IGF-II Levels After Eccentric Exercise-Induced Muscle-Damage: A Placebo-Controlled Study. Frontiers in Endocrinology, 2021, 12, 745959.	3.5	10
39	The p75NTR-mediated effect of nerve growth factor in L6C5 myogenic cells. BMC Research Notes, 2017, 10, 686.	1.4	8
40	The active site of copper amine oxidases. Journal of Molecular Catalysis, 1984, 23, 325-330.	1.2	7
41	Role of Calcium in the Reaction between Pyrroloquinoline Quinone and Pyridine Nucleotides Monomers and Dimers. Archives of Biochemistry and Biophysics, 1999, 368, 385-393.	3.0	7
42	Acute, but not chronic, leptin treatment induces acyl-CoA oxidase in C2C12 myotubes. European Journal of Nutrition, 2007, 46, 364-368.	3.9	7
43	Hydrogen Peroxide Stimulates Dihydrotestosterone Release in C2C12 Myotubes: A New Perspective for Exercise-Related Muscle Steroidogenesis?. International Journal of Molecular Sciences, 2022, 23, 6566.	4.1	5
44	Reaction between mammalian amine oxidases and their antibodies. Biochemical and Biophysical Research Communications, 1981, 98, 1002-1007.	2.1	4
45	Oxygraphic assay of 3,4-dihydroxyphenylalanine decarboxylase activity by coupled reaction with free and immobilized serum amine oxidase. Analytical Biochemistry, 1984, 139, 73-76.	2.4	3
46	Effect of Tadalafil Administration on Redox Homeostasis and Polyamine Levels in Healthy Men with High Level of Physical Activity. International Journal of Environmental Research and Public Health, 2021, 18, 9962.	2.6	3
47	Acute tadalafil administration increases plasma fatty acids without changes in the inflammatory response in healthy men. Acta Biochimica Polonica, 2017, 64, 687-691.	0.5	2