

Ivan Dimauro

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

995
citations

17
h-index

31
g-index

69
ext. papers

1,289
ext. citations

5.2
avg, IF

4.45
L-index

#	Paper	IF	Citations
44	A simple protocol for the subcellular fractionation of skeletal muscle cells and tissue. <i>BMC Research Notes</i> , 2012 , 5, 513	2.3	185
43	Physical activity in the prevention of human diseases: role of epigenetic modifications. <i>BMC Genomics</i> , 2017 , 18, 802	4.5	93
42	Exercise-induced ROS in heat shock proteins response. <i>Free Radical Biology and Medicine</i> , 2016 , 98, 46-55	7.8	65
41	Explosive type of moderate-resistance training induces functional, cardiovascular, and molecular adaptations in the elderly. <i>Age</i> , 2014 , 36, 759-72		53
40	Acute exercise modulates BDNF and pro-BDNF protein content in immune cells. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1871-80	1.2	52
39	Platelet-rich plasma and skeletal muscle healing: a molecular analysis of the early phases of the regeneration process in an experimental animal model. <i>PLoS ONE</i> , 2014 , 9, e102993	3.7	48
38	Role of exercise-induced reactive oxygen species in the modulation of heat shock protein response. <i>Free Radical Research</i> , 2014 , 48, 52-70	4	45
37	Resistance training and redox homeostasis: Correlation with age-associated genomic changes. <i>Redox Biology</i> , 2016 , 10, 34-44	11.3	41
36	The role of B-crystallin in skeletal and cardiac muscle tissues. <i>Cell Stress and Chaperones</i> , 2018 , 23, 491-505		40
35	Oxidative stress responses to a graded maximal exercise test in older adults following explosive-type resistance training. <i>Redox Biology</i> , 2014 , 2, 65-72	11.3	38
34	Physical exercise and redox balance in type 2 diabetics: effects of moderate training on biomarkers of oxidative stress and DNA damage evaluated through comet assay. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 981242	6.7	36
33	MiR-23-TrxR1 as a novel molecular axis in skeletal muscle differentiation. <i>Scientific Reports</i> , 2017 , 7, 7219	4.9	30
32	Regular exercise participation improves genomic stability in diabetic patients: an exploratory study to analyse telomere length and DNA damage. <i>Scientific Reports</i> , 2017 , 7, 4137	4.9	26
31	In vitro susceptibility of thioredoxins and glutathione to redox modification and aging-related changes in skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 2017-27	7.8	24
30	AlphaB-crystallin is involved in oxidative stress protection determined by VEGF in skeletal myoblasts. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 374-82	7.8	24
29	Alpha B-crystallin induction in skeletal muscle cells under redox imbalance is mediated by a JNK-dependent regulatory mechanism. <i>Free Radical Biology and Medicine</i> , 2015 , 86, 331-42	7.8	20
28	Exercise, redox homeostasis and the epigenetic landscape. <i>Redox Biology</i> , 2020 , 35, 101477	11.3	17

27	Redox homeostasis in sport: do athletes really need antioxidant support?. <i>Research in Sports Medicine</i> , 2019 , 27, 147-165	3.8	17
26	Telomere length is independently associated with age, oxidative biomarkers, and sport training in skeletal muscle of healthy adult males. <i>Free Radical Research</i> , 2018 , 52, 639-647	4	16
25	The early response of B-crystallin to a single bout of aerobic exercise in mouse skeletal muscles depends upon fiber oxidative features. <i>Redox Biology</i> , 2019 , 24, 101183	11.3	14
24	Sildenafil Reduces Expression and Release of IL-6 and IL-8 Induced by Reactive Oxygen Species in Systemic Sclerosis Fibroblasts. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
23	New Strategy of Home-Based Exercise during Pandemic COVID-19 in Breast Cancer Patients: A Case Study. <i>Sustainability</i> , 2020 , 12, 6940	3.6	11
22	Gene expression and apoptosis induction in p53-heterozygous irradiated mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006 , 594, 49-62	3.3	9
21	Short-term, supra-physiological rhGH administration induces transient DNA damage in peripheral lymphocytes of healthy women. <i>Journal of Endocrinological Investigation</i> , 2017 , 40, 645-652	5.2	8
20	The p75-mediated effect of nerve growth factor in L6C5 myogenic cells. <i>BMC Research Notes</i> , 2017 , 10, 686	2.3	7
19	Effects of salmeterol on skeletal muscle cells: metabolic and proapoptotic features. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 2259-73	1.2	7
18	Endurance training improves plasma superoxide dismutase activity in healthy elderly. <i>Mechanisms of Ageing and Development</i> , 2020 , 185, 111190	5.6	7
17	B-crystallin response to a pro-oxidant non-cytotoxic environment in murine cardiac cells: An "in vitro" and "in vivo" study. <i>Free Radical Biology and Medicine</i> , 2020 , 152, 301-312	7.8	6
16	AlphaB-crystallin and breast cancer: role and possible therapeutic strategies. <i>Cell Stress and Chaperones</i> , 2021 , 26, 19-28	4	6
15	Leaf Extract Upregulates Nrf2/HO-1 Expression and Ameliorates Redox Status in C2C12 Skeletal Muscle Cells. <i>Molecules</i> , 2021 , 26,	4.8	6
14	Exercise-mediated downregulation of MALAT1 expression and implications in primary and secondary cancer prevention. <i>Free Radical Biology and Medicine</i> , 2020 , 160, 28-39	7.8	5
13	The Phosphodiesterase Type 5 Inhibitor Sildenafil Improves DNA Stability and Redox Homeostasis in Systemic Sclerosis Fibroblasts Exposed to Reactive Oxygen Species. <i>Antioxidants</i> , 2020 , 9,	7.1	4
12	Effect of sport training on forearm bone sites in female handball and soccer players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2016 , 56, 1503-1510	1.4	4
11	Modulation of the apoptotic pathway in skeletal muscle models: the role of growth hormone. <i>Growth Factors</i> , 2011 , 29, 21-35	1.6	3
10	Sex Differences in antiaging response to short- and long-term high-intensity interval exercise in rat cardiac muscle: Telomerase activity, total antioxidant/oxidant status. <i>Chinese Journal of Physiology</i> , 2019 , 62, 261-266	1.6	3

9	Sildenafil Counteracts the In Vitro Activation of CXCL-9, CXCL-10 and CXCL-11/CXCR3 Axis Induced by Reactive Oxygen Species in Scleroderma Fibroblasts. <i>Biology</i> , 2021 , 10,	4.9	2
8	Sex-based differences after a single bout of exercise on PGC1 α isoforms in skeletal muscle: A pilot study. <i>FASEB Journal</i> , 2021 , 35, e21328	0.9	2
7	Estrogen-Receptor-Positive Breast Cancer in Postmenopausal Women: The Role of Body Composition and Physical Exercise. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
6	SFRR-E Young Investigator Awardee β -crystallin modulation after acute exercise in skeletal muscle: the role of oxidative stress and fiber composition. <i>Free Radical Biology and Medicine</i> , 2014 , 75 Suppl 1, S13-4	7.8	1
5	Function and Fiber-Type Specific Distribution of Hsp60 and β -Crystallin in Skeletal Muscles: Role of Physical Exercise. <i>Biology</i> , 2021 , 10,	4.9	1
4	Epigenomic adaptations of exercise in the control of metabolic disease and cancer 2019 , 289-316		0
3	Systemic Response of Antioxidants, Heat Shock Proteins, and Inflammatory Biomarkers to Short-Lasting Exercise Training in Healthy Male Subjects. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 1938492	6.7	0
2	Exercise-induced Modulation of Extracellular Vesicles Cargo: a Focus on Antioxidants, Stress Proteins and miRNAs. <i>Free Radical Biology and Medicine</i> , 2020 , 159, S26	7.8	
1	AB0089 SILDENAFIL COUNTERACTS THE ACTIVATION OF CXCR3/CXCL10, -11 AXIS IN SCLERODERMA FIBROBLASTS EXPOSED TO REACTIVE OXYGEN SPECIES. <i>Annals of the Rheumatic Diseases</i> , 2021 , 80, 1074.1-1074	2.4	