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List of Publications by Year in descending order

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286
papers

9,851
citations

41258

49
h-index

51492

86
g-index

301
all docs

301
docs citations

301
times ranked

13277
citing authors

#	ARTICLE	IF	CITATIONS
1	Paraquat Poisonings: Mechanisms of Lung Toxicity, Clinical Features, and Treatment. <i>Critical Reviews in Toxicology</i> , 2008, 38, 13-71.	1.9	698
2	Reactive oxygen species are signalling molecules for skeletal muscle adaptation. <i>Experimental Physiology</i> , 2010, 95, 1-9.	0.9	322
3	Pesticides exposure as etiological factors of Parkinson's disease and other neurodegenerative diseases—A mechanistic approach. <i>Toxicology Letters</i> , 2014, 230, 85-103.	0.4	317
4	Bone Quality: The Determinants of Bone Strength and Fragility. <i>Sports Medicine</i> , 2014, 44, 37-53.	3.1	287
5	Paraquat exposure as an etiological factor of Parkinson's disease. <i>NeuroToxicology</i> , 2006, 27, 1110-1122.	1.4	273
6	Mitochondrial signaling contributes to disuse muscle atrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E31-E39.	1.8	189
7	Acute and severe hypobaric hypoxia increases oxidative stress and impairs mitochondrial function in mouse skeletal muscle. <i>Journal of Applied Physiology</i> , 2005, 99, 1247-1253.	1.2	158
8	<i>ACTN3</i> R577X Polymorphism and Israeli Top-level Athletes. <i>International Journal of Sports Medicine</i> , 2009, 30, 695-698.	0.8	144
9	Collection of biological samples in forensic toxicology. <i>Toxicology Mechanisms and Methods</i> , 2010, 20, 363-414.	1.3	139
10	Is exercise training an effective therapy targeting endothelial dysfunction and vascular wall inflammation?. <i>International Journal of Cardiology</i> , 2010, 141, 214-221.	0.8	139
11	Metabolic Syndrome Pathophysiology and Predisposing Factors. <i>International Journal of Sports Medicine</i> , 2021, 42, 199-214.	0.8	137
12	Physical activity in primary and secondary prevention of cardiovascular disease: Overview updated. <i>World Journal of Cardiology</i> , 2016, 8, 575.	0.5	135
13	Two-dimensional electrophoresis study of in vitro pellicle formation and dental caries susceptibility. <i>European Journal of Oral Sciences</i> , 2006, 114, 147-153.	0.7	132
14	Moderate endurance training prevents doxorubicin-induced in vivo mitochondriopathy and reduces the development of cardiac apoptosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H722-H731.	1.5	127
15	Exercise, Muscle Damage and Fatigue*. <i>Sports Medicine</i> , 1992, 13, 108-115.	3.1	123
16	Physical activity and school recess time: Differences between the sexes and the relationship between children's playground physical activity and habitual physical activity. <i>Journal of Sports Sciences</i> , 2005, 23, 269-275.	1.0	117
17	Short- and long-term distribution and toxicity of gold nanoparticles in the rat after a single-dose intravenous administration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1757-1766.	1.7	117
18	Association of maturation, sex, and body fat in cardiorespiratory fitness. <i>American Journal of Human Biology</i> , 2002, 14, 707-712.	0.8	116

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19	Analysis of the human saliva proteome. <i>Expert Review of Proteomics</i> , 2005, 2, 521-539.	1.3	111
20	Subsarcolemmal and intermyofibrillar mitochondria proteome differences disclose functional specializations in skeletal muscle. <i>Proteomics</i> , 2010, 10, 3142-3154.	1.3	109
21	Salivary peptidomics. <i>Expert Review of Proteomics</i> , 2010, 7, 709-721.	1.3	108
22	Evidence of the physiotherapeutic interventions used currently after exercise-induced muscle damage: Systematic review and meta-analysis. <i>Physical Therapy in Sport</i> , 2012, 13, 101-114.	0.8	106
23	Endurance training attenuates doxorubicin-induced cardiac oxidative damage in mice. <i>International Journal of Cardiology</i> , 2005, 100, 451-460.	0.8	102
24	Supplementation of Vitamin E May Attenuate Skeletal Muscle Immobilization Atrophy. <i>International Journal of Sports Medicine</i> , 1997, 18, 157-160.	0.8	97
25	Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats. <i>Toxicology</i> , 2006, 227, 73-85.	2.0	97
26	Genes and elite athletes: a roadmap for future research. <i>Journal of Physiology</i> , 2011, 589, 3063-3070.	1.3	96
27	Influence of the surface coating on the cytotoxicity, genotoxicity and uptake of gold nanoparticles in human HepG2 cells. <i>Journal of Applied Toxicology</i> , 2013, 33, 1111-1119.	1.4	92
28	Exercise Training Improves Diastolic Function in Heart Failure Patients. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 776-785.	0.2	90
29	The role of mitochondria in aging of skeletal muscle. <i>Biogerontology</i> , 2008, 9, 67-84.	2.0	89
30	The role of salivary peptides in dental caries. <i>Biomedical Chromatography</i> , 2005, 19, 214-222.	0.8	87
31	Aging Impairs Skeletal Muscle Mitochondrial Bioenergetic Function. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 21-33.	1.7	84
32	P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1213-1224.	1.3	81
33	Full survival of paraquat-exposed rats after treatment with sodium salicylate. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1017-1028.	1.3	81
34	Effect of surface coating on the biodistribution profile of gold nanoparticles in the rat. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 185-193.	2.0	76
35	Patterns of daily physical activity during school days in children and adolescents. <i>American Journal of Human Biology</i> , 2003, 15, 547-553.	0.8	75
36	IL6 (-174) and TNFA (-308) promoter polymorphisms are associated with systemic creatine kinase response to eccentric exercise. <i>European Journal of Applied Physiology</i> , 2008, 104, 579-586.	1.2	74

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37	Do <i>PPARGC1A</i> and <i>PPARα</i> polymorphisms influence sprint or endurance phenotypes? <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, e145-50.	1.3	70
38	The Heart As a Target for Xenobiotic Toxicity: The Cardiac Susceptibility to Oxidative Stress. <i>Chemical Research in Toxicology</i> , 2013, 26, 1285-1311.	1.7	70
39	Skeletal Muscle Pathways of Contraction-Enhanced Glucose Uptake. <i>International Journal of Sports Medicine</i> , 2008, 29, 785-794.	0.8	69
40	Association between overweight and early sexual maturation in Portuguese boys and girls. <i>Annals of Human Biology</i> , 2006, 33, 55-63.	0.4	66
41	Skeletal muscle damage during tourniquet-induced ischaemia. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1993, 67, 342-347.	1.2	65
42	Overweight and obesity in children and adolescents: relationship with blood pressure, and physical activity. <i>Annals of Human Biology</i> , 2003, 30, 203-213.	0.4	63
43	Impact of Lifelong Sedentary Behavior on Mitochondrial Function of Mice Skeletal Muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 927-939.	1.7	60
44	Molecular insights into mitochondrial dysfunction in cancer-related muscle wasting. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 896-905.	1.2	59
45	Age-Induced Morphological, Biochemical, and Functional Alterations in Isolated Mitochondria From Murine Skeletal Muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2008, 63, 350-359.	1.7	57
46	Bladder cancer-induced skeletal muscle wasting: Disclosing the role of mitochondria plasticity. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1399-1409.	1.2	54
47	Physical activity and biological risk factors clustering in pediatric population. <i>Preventive Medicine</i> , 2004, 39, 596-601.	1.6	52
48	Finding new posttranslational modifications in salivary proline-rich proteins. <i>Proteomics</i> , 2010, 10, 3732-3742.	1.3	52
49	Volume of Training and the Ranking Level Are Associated With the Leakage of Urine in Young Female Trampolinists. <i>Clinical Journal of Sport Medicine</i> , 2015, 25, 270-275.	0.9	52
50	Pro-oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. <i>British Journal of Pharmacology</i> , 2012, 165, 1017-1033.	2.7	51
51	Effects of Exercise Training on Endothelial Progenitor Cells in Cardiovascular Disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2013, 92, 1020-1030.	0.7	51
52	Methylone and MDPV activate autophagy in human dopaminergic SH-SY5Y cells: a new insight into the context of β -keto amphetamines-related neurotoxicity. <i>Archives of Toxicology</i> , 2017, 91, 3663-3676.	1.9	50
53	The Effectiveness of Physiotherapy in the Management of Temporomandibular Disorders: A Systematic Review and Meta-analysis. <i>Journal of Oral and Facial Pain and Headache</i> , 2016, 30, 210-220.	0.7	49
54	Subcellular proteomics of mice gastrocnemius and soleus muscles. <i>Analytical Biochemistry</i> , 2007, 366, 156-169.	1.1	48

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55	A breakthrough on Amanita phalloides poisoning: an effective antidotal effect by polymyxin B. Archives of Toxicology, 2015, 89, 2305-2323.	1.9	48
56	An effective antidote for paraquat poisonings: The treatment with lysine acetylsalicylate. Toxicology, 2009, 255, 187-193.	2.0	46
57	Postmortem Analyses Unveil the Poor Efficacy of Decontamination, Anti-Inflammatory and Immunosuppressive Therapies in Paraquat Human Intoxications. PLoS ONE, 2009, 4, e7149.	1.1	46
58	Antioxidant Properties and Associated Mechanisms of Salicylates. Current Medicinal Chemistry, 2011, 18, 3252-3264.	1.2	45
59	Urinary Incontinence and Levels of Regular Physical Exercise in Young Women. International Journal of Sports Medicine, 2015, 36, 776-780.	0.8	45
60	Endurance training limits the functional alterations of heart rat mitochondria submitted to in vitro anoxia-reoxygenation. International Journal of Cardiology, 2006, 109, 169-178.	0.8	44
61	Gluteus Medius Muscle Atrophy is Related to Contralateral and Ipsilateral Hip Joint Osteoarthritis. International Journal of Sports Medicine, 2007, 28, 1035-1039.	0.8	44
62	Peptidomic analysis of human acquired enamel pellicle. Biomedical Chromatography, 2007, 21, 1107-1117.	0.8	44
63	Sodium salicylate prevents paraquat-induced apoptosis in the rat lung. Free Radical Biology and Medicine, 2007, 43, 48-61.	1.3	44
64	Skeletal muscle atrophy increases cell proliferation in mice gastrocnemius during the first week of hindlimb suspension. European Journal of Applied Physiology, 2006, 97, 340-346.	1.2	43
65	Towards defining the whole salivary peptidome. Proteomics - Clinical Applications, 2009, 3, 528-540.	0.8	43
66	Knee Proprioception after Exercise-Induced Muscle Damage. International Journal of Sports Medicine, 2010, 31, 410-415.	0.8	42
67	Paraquat research: do recent advances in limiting its toxicity make its use safer?. British Journal of Pharmacology, 2013, 168, 44-45.	2.7	42
68	Peptide profile of human acquired enamel pellicle using MALDI tandem MS. Journal of Separation Science, 2008, 31, 523-537.	1.3	41
69	Effects of resistance exercise on endothelial progenitor cell mobilization in women. Scientific Reports, 2017, 7, 17880.	1.6	41
70	Chronic exposure to ethanol exacerbates MDMA-induced hyperthermia and exposes liver to severe MDMA-induced toxicity in CD1 mice. Toxicology, 2008, 252, 64-71.	2.0	40
71	Analysis of salivary peptides using HPLC-electrospray mass spectrometry. Biomedical Chromatography, 2004, 18, 570-575.	0.8	39
72	The effect of age on glucose uptake and GLUT1 and GLUT4 expression in rat skeletal muscle. Cell Biochemistry and Function, 2012, 30, 191-197.	1.4	39

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73	Resistance exercise attenuates skeletal muscle oxidative stress, systemic pro-inflammatory state, and cachexia in Walker-256 tumor-bearing rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 916-923.	0.9	39
74	Body fatness and clustering of cardiovascular disease risk factors in Portuguese children and adolescents. <i>American Journal of Human Biology</i> , 2004, 16, 556-562.	0.8	38
75	Hemostatic response to acute physical exercise in healthy adolescents. <i>Journal of Science and Medicine in Sport</i> , 2007, 10, 164-169.	0.6	38
76	Voluntary Exercise has Long-Term In Vivo Protective Effects on Osteocyte Viability and Bone Strength Following Ovariectomy. <i>Calcified Tissue International</i> , 2011, 88, 443-454.	1.5	38
77	Exercise Training Increases Interleukin-10 after an Acute Myocardial Infarction: A Randomised Clinical Trial. <i>International Journal of Sports Medicine</i> , 2012, 33, 192-198.	0.8	38
78	Relevance of the sterilization-induced effects on the properties of different hydroxyapatite nanoparticles and assessment of the osteoblastic cell response. <i>Journal of the Royal Society Interface</i> , 2012, 9, 3397-3410.	1.5	38
79	Mitochondrial Cumulative Damage Induced by Mitoxantrone: Late Onset Cardiac Energetic Impairment. <i>Cardiovascular Toxicology</i> , 2014, 14, 30-40.	1.1	37
80	Recent insights on the molecular mechanisms and therapeutic approaches for cardiac cachexia. <i>Clinical Biochemistry</i> , 2014, 47, 8-15.	0.8	37
81	Clinical and forensic signs related to chemical burns: A mechanistic approach. <i>Burns</i> , 2015, 41, 658-679.	1.1	37
82	Children Are Less Susceptible to Exercise-Induced Muscle Damage than Adults: A Preliminary Investigation. <i>Pediatric Exercise Science</i> , 1996, 8, 361-367.	0.5	36
83	The biomaterial-mediated healing of critical size bone defects in the ovariectomized rat. <i>Osteoporosis International</i> , 2014, 25, 1535-1545.	1.3	36
84	Cardioprotective effects of early and late aerobic exercise training in experimental pulmonary arterial hypertension. <i>Basic Research in Cardiology</i> , 2015, 110, 57.	2.5	36
85	Cytotoxicity and cell signalling induced by continuous mild hyperthermia in freshly isolated mouse hepatocytes. <i>Toxicology</i> , 2006, 224, 210-218.	2.0	35
86	Lifelong Physical Activity Modulation of the Skeletal Muscle Mitochondrial Proteome in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 832-842.	1.7	35
87	Endurance training prevents TWEAK but not myostatin-mediated cardiac remodelling in cancer cachexia. <i>Archives of Biochemistry and Biophysics</i> , 2015, 567, 13-21.	1.4	35
88	Validation of a Physical Activity Self-Report Questionnaire in a Portuguese Pediatric Population. <i>Pediatric Exercise Science</i> , 2002, 14, 269-276.	0.5	34
89	In vitro hydroxyapatite adsorbed salivary proteins. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 342-346.	1.0	34
90	Clinical and Forensic Signs Related to Opioids Abuse. <i>Current Drug Abuse Reviews</i> , 2012, 5, 273-290.	3.4	34

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91	Intermittent cardiac overload results in adaptive hypertrophy and provides protection against left ventricular acute pressure overload insult. <i>Journal of Physiology</i> , 2015, 593, 3885-3897.	1.3	33
92	Do invading leucocytes contribute to the decrease in glutathione concentrations indicating oxidative stress in exercised muscle, or are they important for its recovery?. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1994, 68, 48-53.	1.2	32
93	Involvement of advanced glycation end products in the pathogenesis of diabetic complications: the protective role of regular physical activity. <i>European Review of Aging and Physical Activity</i> , 2008, 5, 17-29.	1.3	32
94	Physical Inactivity is a Major Contributor to Ovariectomy-Induced Sarcopenia. <i>International Journal of Sports Medicine</i> , 2012, 33, 268-278.	0.8	31
95	Creatine supplementation in Walker-256 tumor-bearing rats prevents skeletal muscle atrophy by attenuating systemic inflammation and protein degradation signaling. <i>European Journal of Nutrition</i> , 2020, 59, 661-669.	1.8	31
96	Physiological Responses to Treadmill and Cycle Exercise. <i>International Journal of Sports Medicine</i> , 2012, 33, 26-30.	0.8	30
97	Exercise training enhances autonomic function after acute myocardial infarction: A randomized controlled study. <i>Revista Portuguesa De Cardiologia</i> , 2012, 31, 135-141.	0.2	30
98	The age factor for mitoxantrone's cardiotoxicity: Multiple doses render the adult mouse heart more susceptible to injury. <i>Toxicology</i> , 2015, 329, 106-119.	2.0	30
99	Football practice and urinary incontinence: Relation between morphology, function and biomechanics. <i>Journal of Biomechanics</i> , 2015, 48, 1587-1592.	0.9	30
100	Unraveling the exercise-related proteome signature in heart. <i>Basic Research in Cardiology</i> , 2015, 110, 454.	2.5	30
101	Toxicological assessment of silica-coated iron oxide nanoparticles in human astrocytes. <i>Food and Chemical Toxicology</i> , 2018, 118, 13-23.	1.8	30
102	Acute and severe hypobaric hypoxia-induced muscle oxidative stress in mice: the role of glutathione against oxidative damage. <i>European Journal of Applied Physiology</i> , 2004, 91, 185-191.	1.2	29
103	Effect of a high-altitude expedition to a Himalayan peak (Pumori, 7,161½m) on plasma and erythrocyte antioxidant profile. <i>European Journal of Applied Physiology</i> , 2005, 93, 726-732.	1.2	28
104	Reactivity of paraquat with sodium salicylate: Formation of stable complexes. <i>Toxicology</i> , 2008, 249, 130-139.	2.0	28
105	Proteolysis activation and proteome alterations in murine skeletal muscle submitted to 1 week of hindlimb suspension. <i>European Journal of Applied Physiology</i> , 2009, 107, 553-563.	1.2	28
106	Development of hydroxyapatite nanoparticles loaded with folic acid to induce osteoblastic differentiation. <i>International Journal of Pharmaceutics</i> , 2017, 516, 185-195.	2.6	28
107	Is There an ACE IDACTN3 R577X Polymorphisms Interaction that Influences Sprint Performance?. <i>International Journal of Sports Medicine</i> , 2009, 30, 888-891.	0.8	27
108	Clinical and Forensic Signs Related to Cocaine Abuse. <i>Current Drug Abuse Reviews</i> , 2012, 5, 64-83.	3.4	27

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109	Exercise preconditioning prevents MCT-induced right ventricle remodeling through the regulation of TNF superfamily cytokines. <i>International Journal of Cardiology</i> , 2016, 203, 858-866.	0.8	27
110	Vascular biosafety of commercial hydroxyapatite particles: discrepancy between blood compatibility assays and endothelial cell behavior. <i>Journal of Nanobiotechnology</i> , 2018, 16, 27.	4.2	27
111	<i>NRF2</i> intron 3 A/G polymorphism is associated with endurance athletes' status. <i>Journal of Applied Physiology</i> , 2009, 107, 76-79.	1.2	26
112	Solid Ehrlich carcinoma reproduces functional and biological characteristics of cancer cachexia. <i>Life Sciences</i> , 2016, 162, 47-53.	2.0	26
113	Influence of aerobic fitness on age-related lymphocyte DNA damage in humans: relationship with mitochondria respiratory chain and hydrogen peroxide production. <i>Age</i> , 2010, 32, 337-346.	3.0	25
114	Lipidomic characterization of streptozotocin-induced heart mitochondrial dysfunction. <i>Mitochondrion</i> , 2013, 13, 762-771.	1.6	25
115	Cardiac Mitochondrial Respiratory Function and Oxidative Stress: The Role of Exercise. <i>International Journal of Sports Medicine</i> , 2005, 26, 258-267.	0.8	24
116	Suicide by hanging under the influence of ketamine and ethanol. <i>Forensic Science International</i> , 2010, 202, e23-e27.	1.3	24
117	Salivary peptidome in type 1 diabetes mellitus. <i>Biomedical Chromatography</i> , 2012, 26, 571-582.	0.8	24
118	Uncovering the exercise-related proteome signature in skeletal muscle. <i>Proteomics</i> , 2016, 16, 816-830.	1.3	24
119	Effects of Training and an Anabolic Steroid on Murine Red Skeletal Muscle. <i>Cells Tissues Organs</i> , 1991, 142, 183-187.	1.3	23
120	The guanine nucleotide binding protein β polypeptide 3 gene C825T polymorphism is associated with elite endurance athletes. <i>Experimental Physiology</i> , 2009, 94, 344-349.	0.9	23
121	OXPHOS susceptibility to oxidative modifications: The role of heart mitochondrial subcellular location. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 1106-1113.	0.5	23
122	Trihydroxyflavones with antioxidant and anti-inflammatory efficacy. <i>BioFactors</i> , 2012, 38, 378-386.	2.6	23
123	Long-term exercise training prevents mammary tumorigenesis-induced muscle wasting in rats through the regulation of <i>TWEAK</i> signalling. <i>Acta Physiologica</i> , 2017, 219, 803-813.	1.8	23
124	An acute bout of quadriceps muscle stretching has no influence on knee joint proprioception. <i>Journal of Human Kinetics</i> , 2012, 34, 33-9.	0.7	22
125	Clinical and forensic signs related to ethanol abuse: a mechanistic approach. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 81-110.	1.3	22
126	An effective antidotal combination of polymyxin B and methylprednisolone for α -amanitin intoxication. <i>Archives of Toxicology</i> , 2019, 93, 1449-1463.	1.9	22

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127	A neuromuscular perspective of sarcopenia pathogenesis: deciphering the signaling pathways involved. <i>GeroScience</i> , 2022, 44, 1199-1213.	2.1	22
128	Effect of chronic ethanol exposure on the hepatotoxicity of ecstasy in mice: An ex vivo study. <i>Toxicology in Vitro</i> , 2008, 22, 910-920.	1.1	21
129	Hydrogen peroxide production in mouse tissues after acute d-amphetamine administration. Influence of monoamine oxidase inhibition. <i>Archives of Toxicology</i> , 2001, 75, 465-469.	1.9	20
130	Acute Effects of Stretching on Muscle Stiffness After a Bout of Exhaustive Eccentric Exercise. <i>International Journal of Sports Medicine</i> , 2007, 28, 590-594.	0.8	20
131	Lifelong Exercise Training Modulates Cardiac Mitochondrial Phosphoproteome in Rats. <i>Journal of Proteome Research</i> , 2014, 13, 2045-2055.	1.8	20
132	Endurance exercise protects skeletal muscle against both doxorubicin-induced and inactivity-induced muscle wasting. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 441-453.	1.3	20
133	Acute and Chronic Exposition of Mice to Severe Hypoxia: The Role of Acclimatization against Skeletal Muscle Oxidative Stress. <i>International Journal of Sports Medicine</i> , 2005, 26, 102-109.	0.8	19
134	Physical Therapy with Drug Treatment in Bell Palsy. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, 331-340.	0.7	19
135	Strenuous exercise aggravates MDMA-induced skeletal muscle damage in mice. <i>Toxicology</i> , 2005, 206, 349-358.	2.0	18
136	Effect of lifestyle on age-related mitochondrial protein oxidation in mice cardiac muscle. <i>European Journal of Applied Physiology</i> , 2012, 112, 1467-1474.	1.2	18
137	New formulation of paraquat with lysine acetylsalicylate with low mammalian toxicity and effective herbicidal activity. <i>Pest Management Science</i> , 2013, 69, 553-558.	1.7	18
138	Signaling pathways underlying skeletal muscle wasting in experimental pulmonary arterial hypertension. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2722-2731.	1.8	17
139	Physical therapy for tendinopathy: An umbrella review of systematic reviews and meta-analyses. <i>Physical Therapy in Sport</i> , 2020, 46, 30-46.	0.8	17
140	Cellular patterns of the atrophic response in murine soleus and gastrocnemius muscles submitted to simulated weightlessness. <i>European Journal of Applied Physiology</i> , 2007, 101, 331-340.	1.2	16
141	Impaired protein quality control system underlies mitochondrial dysfunction in skeletal muscle of streptozotocin-induced diabetic rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1189-1197.	1.8	16
142	Unraveling the Phosphoproteome Dynamics in Mammal Mitochondria from a Network Perspective. <i>Journal of Proteome Research</i> , 2013, 12, 4257-4267.	1.8	16
143	Moderate physical exercise attenuates the alterations of feeding behaviour induced by social stress in female rats. <i>Cell Biochemistry and Function</i> , 2014, 32, 142-149.	1.4	16
144	Role of Inflammation and Redox Status on Doxorubicin-Induced Cardiotoxicity in Infant and Adult CD-1 Male Mice. <i>Biomolecules</i> , 2021, 11, 1725.	1.8	16

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145	Exercise and cardiac oxidative stress. <i>Revista Portuguesa De Cardiologia</i> , 2003, 22, 651-78.	0.2	16
146	Physical Activity and Cardiovascular Disease Risk Factors in Schoolchildren. <i>European Physical Education Review</i> , 2001, 7, 269-281.	1.2	15
147	The interrelation between aPKC and glucose uptake in the skeletal muscle during contraction and insulin stimulation. <i>Cell Biochemistry and Function</i> , 2014, 32, 621-624.	1.4	15
148	Biomarkers for cardiac cachexia: Reality or utopia. <i>Clinica Chimica Acta</i> , 2014, 436, 323-328.	0.5	15
149	Efficacy of Exercise on Breast Cancer Outcomes: A Systematic Review and Meta-analysis of Preclinical Data. <i>International Journal of Sports Medicine</i> , 2018, 39, 327-342.	0.8	15
150	Exploring the aging effect of the anticancer drugs doxorubicin and mitoxantrone on cardiac mitochondrial proteome using a murine model. <i>Toxicology</i> , 2021, 459, 152852.	2.0	15
151	Myonuclear domain in skeletal muscle fibers. A critical review. <i>Archives of Exercise in Health and Disease</i> , 2011, 2, 92-101.	0.6	14
152	Exercise training enhances autonomic function after acute myocardial infarction: A randomized controlled study. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2012, 31, 135-141.	0.2	14
153	Skeletal Muscle Loading Changes its Regenerative Capacity. <i>Sports Medicine</i> , 2016, 46, 783-792.	3.1	14
154	Evaluation of cytotoxicity and genotoxicity induced by oleic acid-coated iron oxide nanoparticles in human astrocytes. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 816-829.	0.9	14
155	Effect of single bout versus repeated bouts of stretching on muscle recovery following eccentric exercise. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 583-588.	0.6	13
156	Remodeling of liver phospholipidomic profile in streptozotocin-induced diabetic rats. <i>Archives of Biochemistry and Biophysics</i> , 2013, 538, 95-102.	1.4	13
157	Lysine acetylsalicylate increases the safety of a paraquat formulation to freshwater primary producers: A case study with the microalga <i>Chlorella vulgaris</i> . <i>Aquatic Toxicology</i> , 2014, 146, 137-143.	1.9	13
158	Cumulative Mitoxantrone-Induced Haematological and Hepatic Adverse Effects in a Subchronic <i>In vivo</i> Study. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2014, 114, 254-262.	1.2	13
159	Exercise training protects against cancer-induced cardiac remodeling in an animal model of urothelial carcinoma. <i>Archives of Biochemistry and Biophysics</i> , 2018, 645, 12-18.	1.4	13
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