JosÃ© A Duarte

List of Publications by Year
in descending order

286 papers	9,851 citations	41344 49 h-index	51608 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. Critical Reviews in Toxicology, 2008, 38, 13-71.	3.9	698
2	Reactive oxygen species are signalling molecules for skeletal muscle adaptation. Experimental Physiology, 2010, 95, 1-9.	2.0	322
3	Pesticides exposure as etiological factors of Parkinson's disease and other neurodegenerative diseasesâ€"A mechanistic approach. Toxicology Letters, 2014, 230, 85-103.	0.8	317
4	Bone Quality: The Determinants of Bone Strength and Fragility. Sports Medicine, 2014, 44, 37-53.	6.5	287
5	Paraquat exposure as an etiological factor of Parkinson's disease. NeuroToxicology, 2006, 27, 1110-1122.	3.0	273
6	Mitochondrial signaling contributes to disuse muscle atrophy. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E31-E39.	3.5	189
7	Acute and severe hypobaric hypoxia increases oxidative stress and impairs mitochondrial function in mouse skeletal muscle. Journal of Applied Physiology, 2005, 99, 1247-1253.	2.5	158
8	ACTN3R577X Polymorphism and Israeli Top-level Athletes. International Journal of Sports Medicine, 2009, 30, 695-698.	1.7	144
9	Collection of biological samples in forensic toxicology. Toxicology Mechanisms and Methods, 2010, 20, 363-414.	2.7	139
10	Is exercise training an effective therapy targeting endothelial dysfunction and vascular wall inflammation?. International Journal of Cardiology, 2010, 141, 214-221.	1.7	139
11	Metabolic Syndrome Pathophysiology and Predisposing Factors. International Journal of Sports Medicine, 2021, 42, 199-214.	1.7	137
12	Physical activity in primary and secondary prevention of cardiovascular disease: Overview updated. World Journal of Cardiology, 2016, 8, 575.	1.5	135
13	Twoâ€dimensional electrophoresis study of in vitro pellicle formation and dental caries susceptibility. European Journal of Oral Sciences, 2006, 114, 147-153.	1.5	132
14	Moderate endurance training prevents doxorubicin-induced in vivo mitochondriopathy and reduces the development of cardiac apoptosis. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H722-H731.	3.2	127
15	Exercise, Muscle Damage and Fatigue*. Sports Medicine, 1992, 13, 108-115.	6.5	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. Journal of Sports Sciences, 2005, 23, 269-275.	2.0	117
17	Short- and long-term distribution and toxicity of gold nanoparticles in the rat after a single-dose intravenous administration. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1757-1766.	3.3	117
18	Association of maturation, sex, and body fat in cardiorespiratory fitness. American Journal of Human Biology, 2002, 14, 707-712.	1.6	116

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19	Analysis of the human saliva proteome. Expert Review of Proteomics, 2005, 2, 521-539.	3.0	111
20	Subsarcolemmal and intermyofibrillar mitochondria proteome differences disclose functional specializations in skeletal muscle. Proteomics, 2010, 10, 3142-3154.	2.2	109
21	Salivary peptidomics. Expert Review of Proteomics, 2010, 7, 709-721.	3.0	108
22	Evidence of the physiotherapeutic interventions used currently after exercise-induced muscle damage: Systematic review and meta-analysis. Physical Therapy in Sport, 2012, 13, 101-114.	1.9	106
23	Endurance training attenuates doxorubicin-induced cardiac oxidative damage in mice. International Journal of Cardiology, 2005, 100, 451-460.	1.7	102
24	Supplementation of Vitamin E May Attenuate Skeletal Muscle Immobilization Atrophy. International Journal of Sports Medicine, 1997, 18, 157-160.	1.7	97
25	Single high dose dexamethasone treatment decreases the pathological score and increases the survival rate of paraquat-intoxicated rats. Toxicology, 2006, 227, 73-85.	4.2	97
26	Genes and elite athletes: a roadmap for future research. Journal of Physiology, 2011, 589, 3063-3070.	2.9	96
27	Influence of the surface coating on the cytotoxicity, genotoxicity and uptake of gold nanoparticles in human HepG2 cells. Journal of Applied Toxicology, 2013, 33, 1111-1119.	2.8	92
28	Exercise Training Improves Diastolic Function in Heart Failure Patients. Medicine and Science in Sports and Exercise, 2012, 44, 776-785.	0.4	90
29	The role of mitochondria in aging of skeletal muscle. Biogerontology, 2008, 9, 67-84.	3.9	89
30	The role of salivary peptides in dental caries. Biomedical Chromatography, 2005, 19, 214-222.	1.7	87
31	Aging Impairs Skeletal Muscle Mitochondrial Bioenergetic Function. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 21-33.	3.6	84
32	P-glycoprotein induction: an antidotal pathway for paraquat-induced lung toxicity. Free Radical Biology and Medicine, 2006, 41, 1213-1224.	2.9	81
33	Full survival of paraquat-exposed rats after treatment with sodium salicylateâ˜†. Free Radical Biology and Medicine, 2007, 42, 1017-1028.	2.9	81
34	Effect of surface coating on the biodistribution profile of gold nanoparticles in the rat. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 185-193.	4.3	76
35	Patterns of daily physical activity during school days in children and adolescents. American Journal of Human Biology, 2003, 15, 547-553.	1.6	75
36	IL6 (-174) and TNFA (-308) promoter polymorphisms are associated with systemic creatine kinase response to eccentric exercise. European Journal of Applied Physiology, 2008, 104, 579-586.	2.5	74

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37	Do PPARGC1A and PPARÎ± polymorphisms influence sprint or endurance phenotypes?. Scandinavian Journal of Medicine and Science in Sports, 2010, 20, e145-50.	2.9	70
38	The Heart As a Target for Xenobiotic Toxicity: The Cardiac Susceptibility to Oxidative Stress. Chemical Research in Toxicology, 2013, 26, 1285-1311.	3.3	70
39	Skeletal Muscle Pathways of Contraction-Enhanced Glucose Uptake. International Journal of Sports Medicine, 2008, 29, 785-794.	1.7	69
40	Association between overweight and early sexual maturation in Portuguese boys and girls. Annals of Human Biology, 2006, 33, 55-63.	1.0	66
41	Skeletal muscle damage during tourniquet-induced ischaemia. European Journal of Applied Physiology and Occupational Physiology, 1993, 67, 342-347.	1.2	65
42	Overweight and obesity in children and adolescents: relationship with blood pressure, and physical activity. Annals of Human Biology, 2003, 30, 203-213.	1.0	63
43	Impact of Lifelong Sedentary Behavior on Mitochondrial Function of Mice Skeletal Muscle. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 927-939.	3.6	60
44	Molecular insights into mitochondrial dysfunction in cancer-related muscle wasting. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 896-905.	2.4	59
45	Age-Induced Morphological, Biochemical, and Functional Alterations in Isolated Mitochondria From Murine Skeletal Muscle. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 350-359.	3.6	57
46	Bladder cancer-induced skeletal muscle wasting: Disclosing the role of mitochondria plasticity. International Journal of Biochemistry and Cell Biology, 2013, 45, 1399-1409.	2.8	54
47	Physical activity and biological risk factors clustering in pediatric population. Preventive Medicine, 2004, 39, 596-601.	3.4	52
48	Finding new posttranslational modifications in salivary prolineâ€rich proteins. Proteomics, 2010, 10, 3732-3742.	2.2	52
49	Volume of Training and the Ranking Level Are Associated With the Leakage of Urine in Young Female Trampolinists. Clinical Journal of Sport Medicine, 2015, 25, 270-275.	1.8	52
50	Proâ€oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. British Journal of Pharmacology, 2012, 165, 1017-1033.	5.4	51
51	Effects of Exercise Training on Endothelial Progenitor Cells in Cardiovascular Disease. American Journal of Physical Medicine and Rehabilitation, 2013, 92, 1020-1030.	1.4	51
52	Methylone and MDPV activate autophagy in human dopaminergic SH-SY5Y cells: a new insight into the context of Î²-keto amphetamines-related neurotoxicity. Archives of Toxicology, 2017, 91, 3663-3676.	4.2	50
53	The Effectiveness of Physiotherapy in the Management of Temporomandibular Disorders: A Systematic Review and Meta-analysis. Journal of Oral and Facial Pain and Headache, 2016, 30, 210-220.	1.4	49
54	Subcellular proteomics of mice gastrocnemius and soleus muscles. Analytical Biochemistry, 2007, 366, 156-169.	2.4	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.	4.2	48
56	An effective antidote for paraquat poisonings: The treatment with lysine acetylsalicylate. Toxicology, 2009, 255, 187-193.	4.2	46
57	Postmortem Analyses Unveil the Poor Efficacy of Decontamination, Anti-Inflammatory and Immunosuppressive Therapies in Paraquat Human Intoxications. PLoS ONE, 2009, 4, e7149.	2.5	46
58	Antioxidant Properties and Associated Mechanisms of Salicylates. Current Medicinal Chemistry, 2011, 18, 3252-3264.	2.4	45
59	Urinary Incontinence and Levels of Regular Physical Exercise in Young Women. International Journal of Sports Medicine, 2015, 36, 776-780.	1.7	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.	1.7	44
61	Gluteus Medius Muscle Atrophy is Related to Contralateral and Ipsilateral Hip Joint Osteoarthritis. International Journal of Sports Medicine, 2007, 28, 1035-1039.	1.7	44
62	Peptidomic analysis of human acquired enamel pellicle. Biomedical Chromatography, 2007, 21, 1107-1117.	1.7	44
63	Sodium salicylate prevents paraquat-induced apoptosis in the rat lung. Free Radical Biology and Medicine, 2007, 43, 48-61.	2.9	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.	2.5	43
65	Towards defining the whole salivary peptidome. Proteomics - Clinical Applications, 2009, 3, 528-540.	1.6	43
66	Knee Proprioception after Exercise-Induced Muscle Damage. International Journal of Sports Medicine, 2010, 31, 410-415.	1.7	42
67	Paraquat research: do recent advances in limiting its toxicity make its use safer?. British Journal of Pharmacology, 2013, 168, 44-45.	5.4	42
68	Peptide profile of human acquired enamel pellicle using MALDI tandem MS. Journal of Separation Science, 2008, 31, 523-537.	2.5	41
69	Effects of resistance exercise on endothelial progenitor cell mobilization in women. Scientific Reports, 2017, 7, 17880.	3.3	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.	4.2	40
71	Analysis of salivary peptides using HPLCâ€"electrospray mass spectrometry. Biomedical Chromatography, 2004, 18, 570-575.	1.7	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.	2.9	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. Applied Physiology, Nutrition and Metabolism, 2017, 42, 916-923.	1.9	39
74	Body fatness and clustering of cardiovascular disease risk factors in Portuguese children and adolescents. American Journal of Human Biology, 2004, 16, 556-562.	1.6	38
75	Hemostatic response to acute physical exercise in healthy adolescents. Journal of Science and Medicine in Sport, 2007, 10, 164-169.	1.3	38
76	Voluntary Exercise has Long-Term In Vivo Protective Effects on Osteocyte Viability and Bone Strength Following Ovariectomy. Calcified Tissue International, 2011, 88, 443-454.	3.1	38
77	Exercise Training Increases Interleukin-10 after an Acute Myocardial Infarction: A Randomised Clinical Trial. International Journal of Sports Medicine, 2012, 33, 192-198.	1.7	38
78	Relevance of the sterilization-induced effects on the properties of different hydroxyapatite nanoparticles and assessment of the osteoblastic cell response. Journal of the Royal Society Interface, 2012, 9, 3397-3410.	3.4	38
79	Mitochondrial Cumulative Damage Induced by Mitoxantrone: Late Onset Cardiac Energetic Impairment. Cardiovascular Toxicology, 2014, 14, 30-40.	2.7	37
80	Recent insights on the molecular mechanisms and therapeutic approaches for cardiac cachexia. Clinical Biochemistry, 2014, 47, 8-15.	1.9	37
81	Clinical and forensic signs related to chemical burns: A mechanistic approach. Burns, 2015, 41, 658-679.	1.9	37
82	Children Are Less Susceptible to Exercise-Induced Muscle Damage than Adults: A Preliminary Investigation. Pediatric Exercise Science, 1996, 8, 361-367.	1.0	36
83	The biomaterial-mediated healing of critical size bone defects in the ovariectomized rat. Osteoporosis International, 2014, 25, 1535-1545.	3.1	36
84	Cardioprotective effects of early and late aerobic exercise training in experimental pulmonary arterial hypertension. Basic Research in Cardiology, 2015, 110, 57.	5.9	36
85	Cytotoxicity and cell signalling induced by continuous mild hyperthermia in freshly isolated mouse hepatocytes. Toxicology, 2006, 224, 210-218.	4.2	35
86	Lifelong Physical Activity Modulation of the Skeletal Muscle Mitochondrial Proteome in Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2010, 65A, 832-842.	3.6	35
87	Endurance training prevents TWEAK but not myostatin-mediated cardiac remodelling in cancer cachexia. Archives of Biochemistry and Biophysics, 2015, 567, 13-21.	3.0	35
88	Validation of a Physical Activity Self-Report Questionnaire in a Portuguese Pediatric Population. Pediatric Exercise Science, 2002, 14, 269-276.	1.0	34
89	In vitro hydroxyapatite adsorbed salivary proteins. Biochemical and Biophysical Research Communications, 2004, 320, 342-346.	2.1	34
90	Clinical and Forensic Signs Related to Opioids Abuse. Current Drug Abuse Reviews, 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. Journal of Physiology, 2015, 593, 3885-3897.	2.9	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?. European Journal of Applied Physiology and Occupational Physiology, 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. European Review of Aging and Physical Activity, 2008, 5, 17-29.	2.9	32
94	Physical Inactivity is a Major Contributor to Ovariectomy-Induced Sarcopenia. International Journal of Sports Medicine, 2012, 33, 268-278.	1.7	31
95	Creatine supplementation in Walker-256 tumor-bearing rats prevents skeletal muscle atrophy by attenuating systemic inflammation and protein degradation signaling. European Journal of Nutrition, 2020, 59, 661-669.	3.9	31
96	Physiological Responses to Treadmill and Cycle Exercise. International Journal of Sports Medicine, 2012, 33, 26-30.	1.7	30
97	Exercise training enhances autonomic function after acute myocardial infarction: A randomized controlled study. Revista Portuguesa De Cardiologia, 2012, 31, 135-141.	0.5	30
98	The age factor for mitoxantroneâ€™s cardiotoxicity: Multiple doses render the adult mouse heart more susceptible to injury. Toxicology, 2015, 329, 106-119.	4.2	30
99	Football practice and urinary incontinence: Relation between morphology, function and biomechanics. Journal of Biomechanics, 2015, 48, 1587-1592.	2.1	30
100	Unraveling the exercise-related proteome signature in heart. Basic Research in Cardiology, 2015, 110, 454.	5.9	30
101	Toxicological assessment of silica-coated iron oxide nanoparticles in human astrocytes. Food and Chemical Toxicology, 2018, 118, 13-23.	3.6	30
102	Acute and severe hypobaric hypoxia-induced muscle oxidative stress in mice: the role of glutathione against oxidative damage. European Journal of Applied Physiology, 2004, 91, 185-191.	2.5	29
103	Effect of a high-altitude expedition to a Himalayan peak (Pumori, 7,161ï¿½m) on plasma and erythrocyte antioxidant profile. European Journal of Applied Physiology, 2005, 93, 726-732.	2.5	28
104	Reactivity of paraquat with sodium salicylate: Formation of stable complexes. Toxicology, 2008, 249, 130-139.	4.2	28
105	Proteolysis activation and proteome alterations in murine skeletal muscle submitted to 1Âweek of hindlimb suspension. European Journal of Applied Physiology, 2009, 107, 553-563.	2.5	28
106	Development of hydroxyapatite nanoparticles loaded with folic acid to induce osteoblastic differentiation. International Journal of Pharmaceutics, 2017, 516, 185-195.	5.2	28
107	Is There anACE IDâ€“ACTN3 R577XPolymorphisms Interaction that Influences Sprint Performance?. International Journal of Sports Medicine, 2009, 30, 888-891.	1.7	27
108	Clinical and Forensic Signs Related to Cocaine Abuse. Current Drug Abuse Reviews, 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. International Journal of Cardiology, 2016, 203, 858-866.	1.7	27
110	Vascular biosafety of commercial hydroxyapatite particles: discrepancy between blood compatibility assays and endothelial cell behavior. Journal of Nanobiotechnology, 2018, 16, 27.	9.1	27
111	NRF2 intron 3 A/G polymorphism is associated with endurance athletesâ€™ status. Journal of Applied Physiology, 2009, 107, 76-79.	2.5	26
112	Solid Ehrlich carcinoma reproduces functional and biological characteristics of cancer cachexia. Life Sciences, 2016, 162, 47-53.	4.3	26
113	Influence of aerobic fitness on age-related lymphocyte DNA damage in humans: relationship with mitochondria respiratory chain and hydrogen peroxide production. Age, 2010, 32, 337-346.	3.0	25
114	Lipidomic characterization of streptozotocin-induced heart mitochondrial dysfunction. Mitochondrion, 2013, 13, 762-771.	3.4	25
115	Cardiac Mitochondrial Respiratory Function and Oxidative Stress: The Role of Exercise. International Journal of Sports Medicine, 2005, 26, 258-267.	1.7	24
116	Suicide by hanging under the influence of ketamine and ethanol. Forensic Science International, 2010, 202, e23-e27.	2.2	24
117	Salivary peptidome in type 1 diabetes mellitus. Biomedical Chromatography, 2012, 26, 571-582.	1.7	24
118	Uncovering the exerciseâ€related proteome signature in skeletal muscle. Proteomics, 2016, 16, 816-830.	2.2	24
119	Effects of Training and an Anabolic Steroid on Murine Red Skeletal Muscle. Cells Tissues Organs, 1991, 142, 183-187.	2.3	23
120	The guanine nucleotide binding protein Î² polypeptide 3 gene C825T polymorphism is associated with elite endurance athletes. Experimental Physiology, 2009, 94, 344-349.	2.0	23
121	OXPHOS susceptibility to oxidative modifications: The role of heart mitochondrial subcellular location. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 1106-1113.	1.0	23
122	Trihydroxyflavones with antioxidant and antiâ€inflammatory efficacy. BioFactors, 2012, 38, 378-386.	5.4	23
123	Longâ€term exercise training prevents mammary tumorigenesisâ€induced muscle wasting in rats through the regulation of <scp>TWEAK</scp> signalling. Acta Physiologica, 2017, 219, 803-813.	3.8	23
124	An acute bout of quadriceps muscle stretching has no influence on knee joint proprioception. Journal of Human Kinetics, 2012, 34, 33-9.	1.5	22
125	Clinical and forensic signs related to ethanol abuse: a mechanistic approach. Toxicology Mechanisms and Methods, 2014, 24, 81-110.	2.7	22
126	An effective antidotal combination of polymyxin B and methylprednisolone for Î±-amanitin intoxication. Archives of Toxicology, 2019, 93, 1449-1463.	4.2	22

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127	A neuromuscular perspective of sarcopenia pathogenesis: deciphering the signaling pathways involved. GeroScience, 2022, 44, 1199-1213.	4.6	22
128	Effect of chronic ethanol exposure on the hepatotoxicity of ecstasy in mice: An ex vivo study. Toxicology in Vitro, 2008, 22, 910-920.	2.4	21
129	Hydrogen peroxide production in mouse tissues after acute d -amphetamine administration. Influence of monoamine oxidase inhibition. Archives of Toxicology, 2001, 75, 465-469.	4.2	20
130	Acute Effects of Stretching on Muscle Stiffness After a Bout of Exhaustive Eccentric Exercise. International Journal of Sports Medicine, 2007, 28, 590-594.	1.7	20
131	Lifelong Exercise Training Modulates Cardiac Mitochondrial Phosphoproteome in Rats. Journal of Proteome Research, 2014, 13, 2045-2055.	3.7	20
132	Endurance exercise protects skeletal muscle against both doxorubicin-induced and inactivity-induced muscle wasting. Pflugers Archiv European Journal of Physiology, 2019, 471, 441-453.	2.8	20
133	Acute and Chronic Exposition of Mice to Severe Hypoxia: The Role of Acclimatization against Skeletal Muscle Oxidative Stress. International Journal of Sports Medicine, 2005, 26, 102-109.	1.7	19
134	Physical Therapy with Drug Treatment in Bell Palsy. American Journal of Physical Medicine and Rehabilitation, 2015, 94, 331-340.	1.4	19
135	Strenuous exercise aggravates MDMA-induced skeletal muscle damage in mice. Toxicology, 2005, 206, 349-358.	4.2	18
136	Effect of lifestyle on age-related mitochondrial protein oxidation in mice cardiac muscle. European Journal of Applied Physiology, 2012, 112, 1467-1474.	2.5	18
137	New formulation of paraquat with lysine acetylsalicylate with low mammalian toxicity and effective herbicidal activity. Pest Management Science, 2013, 69, 553-558.	3.4	18
138	Signaling pathways underlying skeletal muscle wasting in experimental pulmonary arterial hypertension. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2722-2731.	3.8	17
139	Physical therapy for tendinopathy: An umbrella review of systematic reviews and meta-analyses. Physical Therapy in Sport, 2020, 46, 30-46.	1.9	17
140	Cellular patterns of the atrophic response in murine soleus and gastrocnemius muscles submitted to simulated weightlessness. European Journal of Applied Physiology, 2007, 101, 331-340.	2.5	16
141	Impaired protein quality control system underlies mitochondrial dysfunction in skeletal muscle of streptozotocin-induced diabetic rats. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1189-1197.	3.8	16
142	Unraveling the Phosphoproteome Dynamics in Mammal Mitochondria from a Network Perspective. Journal of Proteome Research, 2013, 12, 4257-4267.	3.7	16
143	Moderate physical exercise attenuates the alterations of feeding behaviour induced by social stress in female rats. Cell Biochemistry and Function, 2014, 32, 142-149.	2.9	16
144	Role of Inflammation and Redox Status on Doxorubicin-Induced Cardiotoxicity in Infant and Adult CD-1 Male Mice. Biomolecules, 2021, 11, 1725.	4.0	16

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145	Exercise and cardiac oxidative stress. Revista Portuguesa De Cardiologia, 2003, 22, 651-78.	0.5	16
146	Physical Activity and Cardiovascular Disease Risk Factors in Schoolchildren. European Physical Education Review, 2001, 7, 269-281.	2.0	15
147	The interrelation between aPKC and glucose uptake in the skeletal muscle during contraction and insulin stimulation. Cell Biochemistry and Function, 2014, 32, 621-624.	2.9	15
148	Biomarkers for cardiac cachexia: Reality or utopia. Clinica Chimica Acta, 2014, 436, 323-328.	1.1	15
149	Efficacy of Exercise on Breast Cancer Outcomes: A Systematic Review and Meta-analysis of Preclinical Data. International Journal of Sports Medicine, 2018, 39, 327-342.	1.7	15
150	Exploring the aging effect of the anticancer drugs doxorubicin and mitoxantrone on cardiac mitochondrial proteome using a murine model. Toxicology, 2021, 459, 152852.	4.2	15
151	Myonuclear domain in skeletal muscle fibers. A critical review. Archives of Exercise in Health and Disease, 2011, 2, 92-101.	0.6	14
152	Exercise training enhances autonomic function after acute myocardial infarction: A randomized controlled study. Revista Portuguesa De Cardiologia (English Edition), 2012, 31, 135-141.	0.2	14
153	Skeletal Muscle Loading Changes its Regenerative Capacity. Sports Medicine, 2016, 46, 783-792.	6.5	14
154	Evaluation of cytotoxicity and genotoxicity induced by oleic acidâ€coated iron oxide nanoparticles in human astrocytes. Environmental and Molecular Mutagenesis, 2019, 60, 816-829.	2.2	14
155	Effect of single bout versus repeated bouts of stretching on muscle recovery following eccentric exercise. Journal of Science and Medicine in Sport, 2013, 16, 583-588.	1.3	13
156	Remodeling of liver phospholipidomic profile in streptozotocin-induced diabetic rats. Archives of Biochemistry and Biophysics, 2013, 538, 95-102.	3.0	13
157	Lysine acetylsalicylate increases the safety of a paraquat formulation to freshwater primary producers: A case study with the microalga Chlorella vulgaris. Aquatic Toxicology, 2014, 146, 137-143.	4.0	13
158	Cumulative Mitoxantroneâ€Induced Haematological and Hepatic Adverse Effects in a Subchronic In vivo Study. Basic and Clinical Pharmacology and Toxicology, 2014, 114, 254-262.	2.5	13
159	Exercise training protects against cancer-induced cardiac remodeling in an animal model of urothelial carcinoma. Archives of Biochemistry and Biophysics, 2018, 645, 12-18.	3.0	13
160	Resistance Exercise Counteracts Tumor Growth in Two Carcinoma Rodent Models. Medicine and Science in Sports and Exercise, 2019, 51, 2003-2011.	0.4	13
161	Inflammation as a Possible Trigger for Mitoxantrone-Induced Cardiotoxicity: An In Vivo Study in Adult and Infant Mice. Pharmaceuticals, 2021, 14, 510.	3.8	13
162	On-plate digestion using a commercial microfraction collector for nano-HPLC matrix-assisted laser desorption/ionization tandem time-of-flight protein analysis. Analytical Biochemistry, 2008, 380, 128-130.	2.4	12

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163	Moderate exercise training provides left ventricular tolerance to acute pressure overload. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1044-H1052.	3.2	12
164	Cyriax's deep friction massage application parameters: Evidence from a cross-sectional study with physiotherapists. Musculoskeletal Science and Practice, 2017, 32, 92-97.	1.3	12
165	Assessment of ChildrenÃs and AdolescentsÃ-Physical Activity Levels. European Physical Education Review, 2003, 9, 75-85.	2.0	11
166	Ceasing of muscle function with aging: is it the consequence of intrinsic muscle degeneration or a secondary effect of neuronal impairments?. European Review of Aging and Physical Activity, 2006, 3, 75-83.	2.9	11
167	Ageâ€•related increases in human lymphocyte DNA damage: is there a role of aerobic fitness?. Cell Biochemistry and Function, 2013, 31, 743-748.	2.9	11
168	A Safe and Stable Neonatal Vaccine Targeting GAPDH Confers Protection against Group B Streptococcus Infections in Adult Susceptible Mice. PLoS ONE, 2015, 10, e0144196.	2.5	11
169	In vivo toxicometabolomics reveals multi-organ and urine metabolic changes in mice upon acuteÂexposure to human-relevant doses of 3,4-methylenedioxypyrovalerone (MDPV). Archives of Toxicology, 2021, 95, 509-527.	4.2	11
170	Differences of Daily Physical Activity Levels of Children According to Body Mass Index. Pediatric Exercise Science, 2002, 14, 442-452.	1.0	11
171	Nifedipine Diminishes Exercise-Induced Muscle Damage in Mouse. International Journal of Sports Medicine, 1992, 13, 274-277.	1.7	10
172	CK-MM Gene Polymorphism Does not Influence the Blood CK Activity Levels After Exhaustive Eccentric Exercise. International Journal of Sports Medicine, 2010, 31, 213-217.	1.7	10
173	Effects of doxorubicin administration on bone strength and quality in sedentary and physically active Wistar rats. Osteoporosis International, 2016, 27, 3465-3475.	3.1	10
174	â€œEcstasyâ€•toxicity to adolescent rats following an acute low binge dose. BMC Pharmacology & Toxicology, 2016, 17, 28.	2.4	10
175	High Voltage Monophasic Pulsed Current (HVMPC) for stage II-IV pressure ulcer healing. A systematic review and meta-analysis. Journal of Tissue Viability, 2018, 27, 274-284.	2.0	10
176	Effectiveness and Safety of a Nontargeted Boost for a CXCR4-Targeted Magnetic Hyperthermia Treatment of Cancer Cells. ACS Omega, 2019, 4, 1931-1940.	3.5	10
177	Resistance Trainingâ€™s Ability to Prevent Cancer-induced Muscle Atrophy Extends Anabolic Stimulus. Medicine and Science in Sports and Exercise, 2021, 53, 1572-1582.	0.4	10
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