Zsolt Radak

List of Publications by Year
in descending order

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158	10,383	28274	36028
papers	citations	55 h-index	97 g-index

163	163	163	11861
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exercise, oxidative stress and hormesis. Ageing Research Reviews, 2008, 7, 34-42.	10.9	490
2	Oxygen Consumption and Usage During Physical Exercise: The Balance Between Oxidative Stress and ROS-Dependent Adaptive Signaling. Antioxidants and Redox Signaling, 2013, 18, 1208-1246.	5.4	457
3	Systemic adaptation to oxidative challenge induced by regular exercise. Free Radical Biology and Medicine, 2008, 44, 153-159.	2.9	456
4	The COVID-19 pandemic and physical activity. Sports Medicine and Health Science, 2020, 2, 55-64.	2.0	354
5	Exercise and hormesis: oxidative stress-related adaptation for successful aging. Biogerontology, 2005, 6, 71-75.	3.9	332
6	Regular exercise improves cognitive function and decreases oxidative damage in rat brain. Neurochemistry International, 2001, 38, 17-23.	3.8	319
7	Traumatic Brain Injury: Oxidative Stress and Neuroprotection. Antioxidants and Redox Signaling, 2013, 19, 836-853.	5.4	261
8	Exercise Plays a Preventive Role Against Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 20, 777-783.	2.6	252
9	Exerciseâ€induced oxidative stress: past, present and future. Journal of Physiology, 2016, 594, 5081-5092.	2.9	232
10	Exercise alters SIRT1, SIRT6, NAD and NAMPT levels in skeletal muscle of aged rats. Mechanisms of Ageing and Development, 2010, 131, 21-28.	4.6	230
11	The effects of training and detraining on memory, neurotrophins and oxidative stress markers in rat brain. Neurochemistry International, 2006, 49, 387-392.	3.8	220
12	The effect of exercise training on oxidative damage of lipids, proteins, and DNA in rat skeletal muscle: evidence for beneficial outcomes. Free Radical Biology and Medicine, 1999, 27, 69-74.	2.9	213
13	High altitude and oxidative stress. Respiratory Physiology and Neurobiology, 2007, 158, 128-131.	1.6	203
14	Exercise training decreases DNA damage and increases DNA repair and resistance against oxidative stress of proteins in aged rat skeletal muscle. Pflugers Archiv European Journal of Physiology, 2002, 445, 273-278.	2.8	201
15	Age-associated neurodegeneration and oxidative damage to lipids, proteins and DNA. Molecular Aspects of Medicine, 2011, 32, 305-315.	6.4	179
16	Exercise and probiotics attenuate the development of Alzheimer's disease in transgenic mice: Role of microbiome. Experimental Gerontology, 2019, 115, 122-131.	2.8	177
17	Ageâ€associated increases in oxidative stress and nuclear transcription factor ÎºB activation are attenuated in rat liver by regular exercise. FASEB Journal, 2004, 18, 749-750.	0.5	172
18	Serum brain-derived neurotrophic factor level is increased and associated with obesity in newly diagnosed female patients with type 2 diabetes mellitus. Metabolism: Clinical and Experimental, 2006, 55, 852-857.	3.4	168

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19	Endurance exercise increases the SIRT1 and peroxisome proliferator-activated receptor Î³ coactivator-1Î± protein expressions in rat skeletal muscle. Metabolism: Clinical and Experimental, 2008, 57, 986-998.	3.4	163
20	Oxidized Guanine Base Lesions Function in 8-Oxoguanine DNA Glycosylase-1-mediated Epigenetic Regulation of Nuclear Factor Î²B-driven Gene Expression. Journal of Biological Chemistry, 2016, 291, 25553-25566.	3.4	151
21	The effects of moderate-, strenuous- and over-training on oxidative stress markers, DNA repair, and memory, in rat brain. Neurochemistry International, 2005, 46, 635-640.	3.8	129
22	8-Oxo-7,8-dihydroguanine: Links to gene expression, aging, and defense against oxidative stress. Free Radical Biology and Medicine, 2010, 49, 587-596.	2.9	129
23	Age-associated declines in mitochondrial biogenesis and protein quality control factors are minimized by exercise training. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 303, R127-R134.	1.8	127
24	Exercise, oxidants, and antioxidants change the shape of the bell-shaped hormesis curve. Redox Biology, 2017, 12, 285-290.	9.0	125
25	Muscle soreness-induced reduction in force generation is accompanied by increased nitric oxide content and DNA damage in human skeletal muscle. Free Radical Biology and Medicine, 1999, 26, 1059-1063.	2.9	111
26	Activation of Ras Signaling Pathway by 8-Oxoguanine DNA Glycosylase Bound to Its Excision Product, 8-Oxoguanine. Journal of Biological Chemistry, 2012, 287, 20769-20773.	3.4	109
27	Effects of exercise on brain function: role of free radicals. Applied Physiology, Nutrition and Metabolism, 2007, 32, 942-946.	1.9	108
28	Physical exercise, reactive oxygen species and neuroprotection. Free Radical Biology and Medicine, 2016, 98, 187-196.	2.9	108
29	8-Oxoguanine DNA Glycosylase-1 Augments Proinflammatory Gene Expression by Facilitating the Recruitment of Site-Specific Transcription Factors. Journal of Immunology, 2014, 192, 2384-2394.	0.8	105
30	The Role of 8-Oxoguanine DNA Glycosylase-1 in Inflammation. International Journal of Molecular Sciences, 2014, 15, 16975-16997.	4.1	96
31	Single bout of exercise eliminates the immobilization-induced oxidative stress in rat brain. Neurochemistry International, 2001, 39, 33-38.	3.8	91
32	Marathon running alters the DNA base excision repair in human skeletal muscle. Life Sciences, 2003, 72, 1627-1633.	4.3	91
33	Redox-regulating sirtuins in aging, caloric restriction, and exercise. Free Radical Biology and Medicine, 2013, 58, 87-97.	2.9	90
34	Decreased serum brain-derived neurotrophic factor in trained men. Neuroscience Letters, 2008, 437, 29-32.	2.1	88
35	Regular exercise reduces 8-oxodG in the nuclear and mitochondrial DNA and modulates the DNA repair activity in the liver of old rats. Experimental Gerontology, 2007, 42, 287-295.	2.8	87
36	Effect of aging and late onset dietary restriction on antioxidant enzymes and proteasome activities, and protein carbonylation of rat skeletal muscle and tendon. Experimental Gerontology, 2002, 37, 1423-1430.	2.8	86

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37	Innate Inflammation Induced by the 8-Oxoguanine DNA Glycosylase-1â€“KRASâ€“NF-ÎºB Pathway. Journal of Immunology, 2014, 193, 4643-4653.	0.8	85
38	The effect of exercise and nettle supplementation on oxidative stress markers in the rat brain. Brain Research Bulletin, 2005, 65, 487-493.	3.0	84
39	Age-dependent changes in 8-oxoguanine-DNA glycosylase activity are modulated by adaptive responses to physical exercise in human skeletal muscle. Free Radical Biology and Medicine, 2011, 51, 417-423.	2.9	82
40	The effects of aging, physical training, and a single bout of exercise on mitochondrial protein expression in human skeletal muscle. Experimental Gerontology, 2012, 47, 417-424.	2.8	81
41	High Altitude Training Increases Reactive Carbonyl Derivatives But Not Lipid Peroxidation in Skeletal Muscle of Rats. Free Radical Biology and Medicine, 1997, 22, 1109-1114.	2.9	78
42	Implications of Protein Degradation in Aging. Annals of the New York Academy of Sciences, 2001, 928, 54-64.	3.8	76
43	8-Oxoguanine DNA glycosylase-1 links DNA repair to cellular signaling via the activation of the small GTPase Rac1. Free Radical Biology and Medicine, 2013, 61, 384-394.	2.9	76
44	Resveratrol enhances exercise training responses in rats selectively bred for high running performance. Food and Chemical Toxicology, 2013, 61, 53-59.	3.6	75
45	The Effects of Moderate, Strenuous, and Overtraining on Oxidative Stress Markers and DNA Repair in Rat Liver. Applied Physiology, Nutrition, and Metabolism, 2005, 30, 186-195.	1.7	73
46	Exercise Preconditioning against Hydrogen Peroxide-Induced Oxidative Damage in Proteins of Rat Myocardium. Archives of Biochemistry and Biophysics, 2000, 376, 248-251.	3.0	71
47	Down-regulation of 8-oxoguanine DNA glycosylase 1 expression in the airway epithelium ameliorates allergic lung inflammation. DNA Repair, 2013, 12, 18-26.	2.8	71
48	Antioxidative Effects of a New Lychee Fruit-Derived Polyphenol Mixture, Oligonol, Converted into a Low-Molecular Form in Adipocytes. Bioscience, Biotechnology and Biochemistry, 2008, 72, 463-476.	1.3	70
49	Exercise effects on physiological function during aging. Free Radical Biology and Medicine, 2019, 132, 33-41.	2.9	70
50	High altitude and free radicals. Journal of Sports Science and Medicine, 2004, 3, 64-9.	1.6	68
51	Changes in urine 8-hydroxydeoxyguanosine levels of super-marathon runners during a four-day race period. Life Sciences, 2000, 66, 1763-1767.	4.3	67
52	Hormetic effects of regular exercise in aging: correlation with oxidative stress. Applied Physiology, Nutrition and Metabolism, 2007, 32, 948-953.	1.9	67
53	Superoxide dismutase derivative prevents oxidative damage in liver and kidney of rats induced by exhausting exercise. European Journal of Applied Physiology and Occupational Physiology, 1996, 72, 189-194.	1.2	60
54	8-Oxoguanosine and uracil repair of nuclear and mitochondrial DNA in red and white skeletal muscle of exercise-trained old rats. Journal of Applied Physiology, 2007, 102, 1696-1701.	2.5	60

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55	Activation of cellular signaling by 8-oxoguanine DNA glycosylase-1-initiated DNA base excision repair. DNA Repair, 2013, 12, 856-863.	2.8	60
56	8-Oxoguanine DNA glycosylase-1-mediated DNA repair is associated with Rho GTPase activation and Î±-smooth muscle actin polymerization. Free Radical Biology and Medicine, 2014, 73, 430-438.	2.9	58
57	Exercise training increases anabolic and attenuates catabolic and apoptotic processes in aged skeletal muscle of male rats. Experimental Gerontology, 2015, 67, 9-14.	2.8	58
58	Aging and exercise affect the level of protein acetylation and SIRT1 activity in cerebellum of male rats. Biogerontology, 2010, 11, 679-686.	3.9	57
59	Lactoferrin decreases LPS-induced mitochondrial dysfunction in cultured cells and in animal endotoxemia model. Innate Immunity, 2010, 16, 67-79.	2.4	55
60	Regular Training Modulates the Accumulation of Reactive Carbonyl Derivatives in Mitochondrial and Cytosolic Fractions of Rat Skeletal Muscle. Archives of Biochemistry and Biophysics, 2000, 383, 114-118.	3.0	54
61	Beneficial Biochemical Outcomes of Late-Onset Dietary Restriction in Rodents. Annals of the New York Academy of Sciences, 2007, 1100, 431-441.	3.8	53
62	Exercise Training Attenuates the Dysregulated Expression of Adipokines and Oxidative Stress in White Adipose Tissue. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	4.0	52
63	The systemic role of SIRT1 in exercise mediated adaptation. Redox Biology, 2020, 35, 101467.	9.0	50
64	Oligomerized grape seed polyphenols attenuate inflammatory changes due to antioxidative properties in coculture of adipocytes and macrophages. Journal of Nutritional Biochemistry, 2010, 21, 47-54.	4.2	49
65	The complex role of physical exercise and reactive oxygen species on brain. Journal of Sport and Health Science, 2013, 2, 87-93.	6.5	49
66	Regular Exercise: An Effective Means to Reduce Oxidative Stress in Old Rats. Annals of the New York Academy of Sciences, 2004, 1019, 471-474.	3.8	48
67	Exercise improves import of 8-oxoguanine DNA glycosylase into the mitochondrial matrix of skeletal muscle and enhances the relative activity. Free Radical Biology and Medicine, 2009, 46, 238-243.	2.9	48
68	Effects of the stimuli-dependent enrichment of 8-oxoguanine DNA glycosylase1 on chromatinized DNA. Redox Biology, 2018, 18, 43-53.	9.0	47
69	Reactive Oxygen and Nitrogen Species Regulate Key Metabolic, Anabolic, and Catabolic Pathways in Skeletal Muscle. Antioxidants, 2018, 7, 85.	5.1	47
70	The redox-associated adaptive response of brain to physical exercise. Free Radical Research, 2014, 48, 84-92.	3.3	46
71	Exercise, redox system and neurodegenerative diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165778.	3.8	45
72	Master athletes have higher miR-7, SIRT3 and SOD2 expression in skeletal muscle than age-matched sedentary controls. Redox Biology, 2018, 19, 46-51.	9.0	44

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73	The beneficial effects of nettle supplementation and exercise on brain lesion and memory in rat. Journal of Nutritional Biochemistry, 2009, 20, 974-981.	4.2	43
74	Combined Exercise and Insulin-Like Growth Factor-1 Supplementation Induces Neurogenesis in Old Rats, but Do Not Attenuate Age-Associated DNA Damage. Rejuvenation Research, 2011, 14, 585-596.	1.8	43
75	Differentiation-Associated Downregulation of Poly(ADP-Ribose) Polymerase-1 Expression in Myoblasts Serves to Increase Their Resistance to Oxidative Stress. PLoS ONE, 2015, 10, e0134227.	2.5	42
76	Mitochondrial biogenesis-associated factors underlie the magnitude of response to aerobic endurance training in rats. Pflugers Archiv European Journal of Physiology, 2015, 467, 779-788.	2.8	41
77	Relationship between ventilatory function and age in master athletes and a sedentary reference population. Age, 2013, 35, 1007-1015.	3.0	39
78	Whole transcriptome analysis reveals an 8-oxoguanine DNA glycosylase-1-driven DNA repair-dependent gene expression linked to essential biological processes. Free Radical Biology and Medicine, 2015, 81, 107-118.	2.9	35
79	Short-term adenosine monophosphateâ€“activated protein kinase activator 5-aminoimidazole-4-carboxamide-1-Î²-d-ribofuranoside treatment increases the sirtuin 1 protein expression in skeletal muscle. Metabolism: Clinical and Experimental, 2011, 60, 394-403.	3.4	32
80	Whole transcriptome analysis reveals a role for OGG1-initiated DNA repair signaling in airway remodeling. Free Radical Biology and Medicine, 2015, 89, 20-33.	2.9	32
81	Are the neuroprotective effects of estradiol and physical exercise comparable during ageing in female rats?. Biogerontology, 2012, 13, 413-427.	3.9	30
82	Aerobic endurance capacity affects spatial memory and SIRT1 is a potent modulator of 8-oxoguanine repair. Neuroscience, 2013, 252, 326-336.	2.3	30
83	SIRT1 may play a crucial role in overloadâ€induced hypertrophy of skeletal muscle. Journal of Physiology, 2017, 595, 3361-3376.	2.9	29
84	Higher Levels of ATGL Are Associated with Exercise-Induced Enhancement of Lipolysis in Rat Epididymal Adipocytes. PLoS ONE, 2012, 7, e40876.	2.5	28
85	High intensity interval training and molecular adaptive response of skeletal muscle. Sports Medicine and Health Science, 2019, 1, 24-32.	2.0	28
86	The Effects of Statin Medications on Aerobic Exercise Capacity and Training Adaptations. Sports Medicine, 2014, 44, 1519-1530.	6.5	27
87	Î±-Lipoic acid modulates thiol antioxidant defences and attenuates exercise-induced oxidative stress in standardbred trotters. Free Radical Research, 2009, 43, 697-705.	3.3	26
88	Effects of Resistance Exercise on Cerebral Redox Regulation and Cognition: An Interplay Between Muscle and Brain. Antioxidants, 2019, 8, 529.	5.1	26
89	The impact of aerobic and resistance training intensity on markers of neuroplasticity in health and disease. Ageing Research Reviews, 2022, 80, 101698.	10.9	25
90	Hormetic Effects of Reactive Oxygen Species by Exercise: A View from Animal Studies for Successful Aging in Human. Dose-Response, 2010, 8, dose-response.0.	1.6	23

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91	Exercise combined with a probiotics treatment alters the microbiome, but moderately affects signalling pathways in the liver of male APP/PS1 transgenic mice. Biogerontology, 2020, 21, 807-815.	3.9	23
92	Exercise Increases Markers of Spermatogenesis in Rats Selectively Bred for Low Running Capacity. PLoS ONE, 2014, 9, e114075.	2.5	22
93	Resveratrol Attenuates Exercise-Induced Adaptive Responses in Rats Selectively Bred for Low Running Performance. Dose-Response, 2014, 12, dose-response.1.	1.6	22
94	Acute bout of exercise does not alter the antioxidant enzyme status and lipid peroxidation of rat hippocampus and cerebellum. Pathophysiology, 1995, 2, 243-245.	2.2	21
95	Voluntary exercise may engage proteasome function to benefit the brain after trauma. Brain Research, 2010, 1341, 25-31.	2.2	21
96	Nitric oxide: Is it the cause of muscle soreness?. Nitric Oxide - Biology and Chemistry, 2012, 26, 89-94.	2.7	21
97	Single Dose Administration of Taheebo Polyphenol Enhances Endurance Capacity in Mice. Scientific Reports, 2018, 8, 14625.	3.3	21
98	The roles of microRNA in redox metabolism and exercise-mediated adaptation. Journal of Sport and Health Science, 2020, 9, 405-414.	6.5	21
99	Attenuation of the Development of Murine Solid Leukemia Tumor by Physical Exercise. Antioxidants and Redox Signaling, 2002, 4, 213-219.	5.4	20
100	Lung cancer in smoking patients inversely alters the activity of hOGG1 and hNTH1. Cancer Letters, 2005, 219, 191-195.	7.2	20
101	Multivitamin-Mineral Supplementation Prevents Lipid Peroxidation during â€œThe Marathon des Sablesâ€: Journal of the American College of Nutrition, 2007, 26, 111-120.	1.8	20
102	High altitude exposure alters gene expression levels of DNA repair enzymes, and modulates fatty acid metabolism by SIRT4 induction in human skeletal muscle. Respiratory Physiology and Neurobiology, 2014, 196, 33-37.	1.6	20
103	Cardioprotective Effects of Voluntary Exercise in a Rat Model: Role of Matrix Metalloproteinase-2. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-9.	4.0	18
104	Does Compression Sensory Axonopathy in the Proximal Tibia Contribute to Noncontact Anterior Cruciate Ligament Injury in a Causative Way?â€”A New Theory for the Injury Mechanism. Life, 2021, 11, 443.	2.4	16
105	The effects of cold water immersion after rugby training on muscle power and biochemical markers. Journal of Sports Science and Medicine, 2014, 13, 616-23.	1.6	16
106	Exogenous nicotinamide supplementation and moderate physical exercise can attenuate the aging process in skeletal muscle of rats. Biogerontology, 2017, 18, 593-600.	3.9	15
107	Pollen-induced oxidative DNA damage response regulates miRNAs controlling allergic inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L1058-L1068.	2.9	15
108	Blood flow restriction in human skeletal muscle during rest periods after high-load resistance training down-regulates miR-206 and induces Pax7. Journal of Sport and Health Science, 2021, 10, 470-477.	6.5	15

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109	Absence of an agingâ€related increase in fiber type grouping in athletes and nonâ€athletes. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 2057-2069.	2.9	15
110	The effect of high altitude and caloric restriction on reactive carbonyl derivatives and activity of glutamine synthetase in rat brain. Life Sciences, 1998, 62, 1317-1322.	4.3	14
111	Biochemical identification of a hydroperoxide derivative of the free 8-oxo-7,8-dihydroguanine base. Free Radical Biology and Medicine, 2012, 52, 749-756.	2.9	13
112	Implications of oxidative damage to proteins and DNA in aging and its intervention by caloric restriction and exercise. Journal of Sport and Health Science, 2013, 2, 75-80.	6.5	13
113	Active Recovery between Interval Bouts Reduces Blood Lactate While Improving Subsequent Exercise Performance in Trained Men. Sports, 2017, 5, 40.	1.7	13
114	Protein Carbonyl Content Roughly Reflects the Unsaturation of Lipids in Muscle but Not in Other Tissues of Stroke-Prone Spontaneously Hypertensive Strain (SHRSP) Rats Fed Different Fats and Oils.. Biological and Pharmaceutical Bulletin, 1998, 21, 1271-1276.	1.4	12
115	The effects of cocoa supplementation, caloric restriction, and regular exercise, on oxidative stress markers of brain and memory in the rat model. Food and Chemical Toxicology, 2013, 61, 36-41.	3.6	12
116	Exercise-mitigated sex-based differences in aging: from genetic alterations to heart performance. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H854-H866.	3.2	12
117	8-Oxoguanine DNA glycosylase1â€“driven DNA repairâ€”A paradoxical role in lung aging. Mechanisms of Ageing and Development, 2017, 161, 51-65.	4.6	11
118	The role of exercise in brain DNA damage. Neural Regeneration Research, 2020, 15, 1981.	3.0	11
119	N-acetyl-L-cysteine Prevents Lactate-Mediated PGC1-alpha Expression in C2C12 Myotubes. Biology, 2019, 8, 44.	2.8	10
120	Innate Immune Responses to RSV Infection Facilitated by OGG1, an Enzyme Repairing Oxidatively Modified DNA Base Lesions. Journal of Innate Immunity, 2022, 14, 593-614.	3.8	10
121	The Systemic Effects of Exercise on the Systemic Effects of Alzheimerâ€™s Disease. Antioxidants, 2022, 11, 1028.	5.1	10
122	Eating habits modulate short term memory and epigenetical regulation of brain derived neurotrophic factor in hippocampus of low- and high running capacity rats. Brain Research Bulletin, 2014, 107, 54-60.	3.0	9
123	The rate of training response to aerobic exercise affects brain function of rats. Neurochemistry International, 2016, 99, 16-23.	3.8	9
124	Lactate Metabolism and Satellite Cell Fate. Frontiers in Physiology, 2020, 11, 610983.	2.8	9
125	Effects of Nitric Oxide Synthase Inhibition on Fiber-Type Composition, Mitochondrial Biogenesis, and SIRT1 Expression in Rat Skeletal Muscle. Journal of Sports Science and Medicine, 2015, 14, 548-55.	1.6	9
126	A comparison of chronic AICAR treatment-induced metabolic adaptations in red and white muscles of rats. Journal of Physiological Sciences, 2015, 65, 121-130.	2.1	8

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127	Influence of pulsing electromagnetic field therapy on resting blood pressure in aging adults. Electromagnetic Biology and Medicine, 2013, 32, 165-172.	1.4	7
128	The Effects of High-Altitude Exposure on Reactive Oxygen and Nitrogen Species. , 2014, , 407-416.		7
129	COVID-19 Infection Alters the Microbiome: Elite Athletes and Sedentary Patients Have Similar Bacterial Flora. Genes, 2021, 12, 1577.	2.4	7
130	Exercise and Hormesis. , 2019, , 63-73.		6
131	Alzheimerâ€™s Disease Mouse as a Model of Testis Degeneration. International Journal of Molecular Sciences, 2020, 21, 5726.	4.1	6
132	Hypertrophy of Rat Skeletal Muscle Is Associated with Increased SIRT1/Akt/mTOR/S6 and Suppressed Sestrin2/SIRT3/FOXO1 Levels. International Journal of Molecular Sciences, 2021, 22, 7588.	4.1	6
133	The Effects of Exercise Training and High Triglyceride Diet in an Estrogen Depleted Rat Model: The Role of the Heme Oxygenase System and Inflammatory Processes in Cardiovascular Risk. Journal of Sports Science and Medicine, 2018, 17, 580-588.	1.6	6
134	Physical Activity Protects the Pathological Alterations of Alzheimerâ€™s Disease Kidneys via the Activation of PACAP and BMP Signaling Pathways. Frontiers in Cellular Neuroscience, 2020, 14, 243.	3.7	5
135	Introduction to special topic on exercise and oxidative stress. Journal of Sport and Health Science, 2020, 9, 385.	6.5	5
136	The effect of regular exercise on development of sarcoma tumor and oxidative damage in mice liver. Journal of Sports Science and Medicine, 2011, 10, 93-6.	1.6	5
137	Biological Implications of Protein Oxidation. , 2002, , 350-365.		4
138	Epigenetic Modulation of Gene Expression by Exercise. Healthy Ageing and Longevity, 2015, , 85-100.	0.2	4
139	Skeletal Muscle, Function, and Muscle Fiber Types. , 2018, , 15-31.		4
140	Issues on Trainability. Frontiers in Physiology, 2021, 12, 790196.	2.8	4
141	Physical Training and Prevention. , 2018, , 141-155.		3
142	Blood flow restriction during the resting periods of high-intensity resistance training does not alter performance but decreases MIR-1 and MIR-133A levels in human skeletal muscle. Sports Medicine and Health Science, 2021, 3, 40-45.	2.0	3
143	Physical Training Inhibits the Fibrosis Formation in Alzheimerâ€™s Disease Kidney Influencing the TGFÎ² Signaling Pathways. Journal of Alzheimer's Disease, 2021, 81, 1195-1209.	2.6	3
144	Fundamentals of Endurance Training. , 2018, , 81-109.		2

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145	Regular Exercise Results in Systemic Adaptation Against Oxidative Stress. , 2014, , 3855-3869.		1
146	Oxidant Antioxidants and Adaptive Responses to Exercise. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-2.	4.0	1
147	Exercise in the Prevention and Management of Oxidative Stress-Linked Diseases. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	4.0	1
148	Diet and Sport. , 2018, , 127-139.		1
149	The Effects of Aging and Exercise on Protein Acetylation/Deacetylation : Role of Sirtuins. Juntendoì„ Igaku, 2010, 56, 257-259.	0.1	1
150	Posttranslational Modification of Proteins. , 2015, , 165-169.		0
151	Physical Training and Aging. , 2018, , 157-170.		0
152	Physiology of Training Plan: Periodization. , 2018, , 185-227.		0
153	Basic Cellular Functions, Cellular Adaptation, and Metabolism. , 2018, , 1-13.		0
154	Adaptation, Phenotypic Adaptation, Fatigue, and Overtraining. , 2018, , 33-54.		0
155	Sport Genetics. , 2018, , 171-183.		0
156	The Role of Reactive Oxygen and Nitrogen Species in Skeletal Muscle. , 2019, , 309-315.		0
157	Exercise training and the promotion of neurogenesis and neurite outgrowth in the hippocampus. The Journal of Physical Fitness and Sports Medicine, 2012, 1, 333-337.	0.3	0
158	The role of neurogranin in exercise-induced adaptation to brain. Journal of Sport and Health Science, 2022, , .	6.5	0