Zsolt Radak

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.

152 papers	8,123 citations	52 h-index	87 g-index
163 ext. papers	9,280 ext. citations	5.3 avg, IF	5.9 L-index

#	Paper	IF	Citations
152	Exercise, oxidative stress and hormesis. *Ageing Research Reviews*, **2008**, 7, 34-42	12	394
151	Systemic adaptation to oxidative challenge induced by regular exercise. *Free Radical Biology and Medicine*, **2008**, 44, 153-9	7.8	384
150	Oxygen consumption and usage during physical exercise: the balance between oxidative stress and ROS-dependent adaptive signaling. *Antioxidants and Redox Signaling*, **2013**, 18, 1208-46	8.4	359
149	Regular exercise improves cognitive function and decreases oxidative damage in rat brain. *Neurochemistry International*, **2001**, 38, 17-23	4.4	285
148	Exercise and hormesis: oxidative stress-related adaptation for successful aging. *Biogerontology*, **2005**, 6, 71-5	4.5	280
147	Traumatic brain injury: oxidative stress and neuroprotection. *Antioxidants and Redox Signaling*, **2013** , 19, 836-53	8.4	210
146	Exercise plays a preventive role against Alzheimer's disease. *Journal of Alzheimers Disease*, **2010**, 20, 777-83	4.3	199
145	Exercise alters SIRT1, SIRT6, NAD and NAMPT levels in skeletal muscle of aged rats. *Mechanisms of Ageing and Development*, **2010**, 131, 21-8	5.6	194
144	The effects of training and detraining on memory, neurotrophins and oxidative stress markers in rat brain. *Neurochemistry International*, **2006**, 49, 387-92	4.4	191
143	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	7.8	185
142	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, 273-8	4.6	169
141	Exercise-induced oxidative stress: past, present and future. *Journal of Physiology*, **2016**, 594, 5081-92	3.9	163
140	Age-associated increase in oxidative stress and nuclear factor kappaB activation are attenuated in rat liver by regular exercise. *FASEB Journal*, **2004**, 18, 749-50	0.9	156
139	Age-associated neurodegeneration and oxidative damage to lipids, proteins and DNA. *Molecular Aspects of Medicine*, **2011**, 32, 305-15	16.7	154
138	High altitude and oxidative stress. *Respiratory Physiology and Neurobiology*, **2007**, 158, 128-31	2.8	153
137	The COVID-19 pandemic and physical activity. *Sports Medicine and Health Science*, **2020**, 2, 55-64	4.5	148
136	Endurance exercise increases the SIRT1 and peroxisome proliferator-activated receptor gamma coactivator-1alpha protein expressions in rat skeletal muscle. *Metabolism: Clinical and Experimental*, **2008**, 57, 986-98	12.7	142

135	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, 852-7	12.7	137
134	The effects of moderate-, strenuous- and over-training on oxidative stress markers, DNA repair, and memory, in rat brain. *Neurochemistry International*, **2005**, 46, 635-40	4.4	119
133	8-Oxo-7,8-dihydroguanine: links to gene expression, aging, and defense against oxidative stress. *Free Radical Biology and Medicine*, **2010**, 49, 587-96	7.8	106
132	Oxidized Guanine Base Lesions Function in 8-Oxoguanine DNA Glycosylase-1-mediated Epigenetic Regulation of Nuclear Factor B-driven Gene Expression. *Journal of Biological Chemistry*, **2016**, 291, 25553-25566	5.4	101
131	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, R127-34	3.2	100
130	Exercise, oxidants, and antioxidants change the shape of the bell-shaped hormesis curve. *Redox Biology*, **2017**, 12, 285-290	11.3	96
129	Activation of ras signaling pathway by 8-oxoguanine DNA glycosylase bound to its excision product, 8-oxoguanine. *Journal of Biological Chemistry*, **2012**, 287, 20769-73	5.4	94
128	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, 1059-63	7.8	92
127	Exercise and probiotics attenuate the development of Alzheimer's disease in transgenic mice: Role of microbiome. *Experimental Gerontology*, **2019**, 115, 122-131	4.5	90
126	Effects of exercise on brain function: role of free radicals. *Applied Physiology, Nutrition and Metabolism*, **2007**, 32, 942-6	3	86
125	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, 1423-30	4.5	82
124	Physical exercise, reactive oxygen species and neuroprotection. *Free Radical Biology and Medicine*, **2016**, 98, 187-196	7.8	81
123	Marathon running alters the DNA base excision repair in human skeletal muscle. *Life Sciences*, **2003**, 72, 1627-33	6.8	81
122	Single bout of exercise eliminates the immobilization-induced oxidative stress in rat brain. *Neurochemistry International*, **2001**, 39, 33-8	4.4	80
121	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, 287-95	4.5	79
120	Redox-regulating sirtuins in aging, caloric restriction, and exercise. *Free Radical Biology and Medicine*, **2013**, 58, 87-97	7.8	77
119	8-oxoguanine DNA glycosylase-1 augments proinflammatory gene expression by facilitating the recruitment of site-specific transcription factors. *Journal of Immunology*, **2014**, 192, 2384-94	5.3	75
118	The effects of aging, physical training, and a single bout of exercise on mitochondrial protein expression in human skeletal muscle. *Experimental Gerontology*, **2012**, 47, 417-24	4.5	72

117	Innate inflammation induced by the 8-oxoguanine DNA glycosylase-1-KRAS-NF-κB pathway. *Journal of Immunology*, **2014**, 193, 4643-53	5.3	71
116	The effect of exercise and nettle supplementation on oxidative stress markers in the rat brain. *Brain Research Bulletin*, **2005**, 65, 487-93	3.9	71
115	High altitude training increases reactive carbonyl derivatives but not lipid peroxidation in skeletal muscle of rats. *Free Radical Biology and Medicine*, **1997**, 22, 1109-14	7.8	70
114	The role of 8-oxoguanine DNA glycosylase-1 in inflammation. *International Journal of Molecular Sciences*, **2014**, 15, 16975-97	6.3	69
113	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, 417-23	7.8	68
112	Decreased serum brain-derived neurotrophic factor in trained men. *Neuroscience Letters*, **2008**, 437, 29-32	3.3	68
111	Resveratrol enhances exercise training responses in rats selectively bred for high running performance. *Food and Chemical Toxicology*, **2013**, 61, 53-9	4.7	65
110	Implications of protein degradation in aging. *Annals of the New York Academy of Sciences*, **2001**, 928, 54-64	6.5	65
109	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, 384-94	7.8	64
108	The effects of moderate, strenuous, and overtraining on oxidative stress markers and DNA repair in rat liver. *Applied Physiology, Nutrition, and Metabolism*, **2005**, 30, 186-95		63
107	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, 463-76	2.1	62
106	Exercise preconditioning against hydrogen peroxide-induced oxidative damage in proteins of rat myocardium. *Archives of Biochemistry and Biophysics*, **2000**, 376, 248-51	4.1	61
105	Hormetic effects of regular exercise in aging: correlation with oxidative stress. *Applied Physiology, Nutrition and Metabolism*, **2007**, 32, 948-53	3	59
104	Down-regulation of 8-oxoguanine DNA glycosylase 1 expression in the airway epithelium ameliorates allergic lung inflammation. *DNA Repair*, **2013**, 12, 18-26	4.3	58
103	High altitude and free radicals. *Journal of Sports Science and Medicine*, **2004**, 3, 64-9	2.7	57
102	Changes in urine 8-hydroxydeoxyguanosine levels of super-marathon runners during a four-day race period. *Life Sciences*, **2000**, 66, 1763-7	6.8	53
101	Activation of cellular signaling by 8-oxoguanine DNA glycosylase-1-initiated DNA base excision repair. *DNA Repair*, **2013**, 12, 856-63	4.3	52
100	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, 1696-701	3.7	51

99	Exercise training increases anabolic and attenuates catabolic and apoptotic processes in aged skeletal muscle of male rats. *Experimental Gerontology*, **2015**, 67, 9-14	4.5	50
98	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, 189-94		48
97	Beneficial biochemical outcomes of late-onset dietary restriction in rodents. *Annals of the New York Academy of Sciences*, **2007**, 1100, 431-41	6.5	47
96	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, 114-8	4.1	46
95	Lactoferrin decreases LPS-induced mitochondrial dysfunction in cultured cells and in animal endotoxemia model. *Innate Immunity*, **2010**, 16, 67-79	2.7	45
94	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	6.3	44
93	Aging and exercise affect the level of protein acetylation and SIRT1 activity in cerebellum of male rats. *Biogerontology*, **2010**, 11, 679-86	4.5	43
92	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, 238-43	7.8	42
91	Exercise Training Attenuates the Dysregulated Expression of Adipokines and Oxidative Stress in White Adipose Tissue. *Oxidative Medicine and Cellular Longevity*, **2017**, 2017, 9410954	6.7	40
90	8-Oxoguanine DNA glycosylase-1-mediated DNA repair is associated with Rho GTPase activation and □smooth muscle actin polymerization. *Free Radical Biology and Medicine*, **2014**, 73, 430-8	7.8	40
89	Regular exercise: an effective means to reduce oxidative stress in old rats. *Annals of the New York Academy of Sciences*, **2004**, 1019, 471-4	6.5	38
88	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	3.7	37
87	Exercise effects on physiological function during aging. *Free Radical Biology and Medicine*, **2019**, 132, 33-41	7.8	37
86	The redox-associated adaptive response of brain to physical exercise. *Free Radical Research*, **2014**, 48, 84-92	4	34
85	Relationship between ventilatory function and age in master athletes and a sedentary reference population. *Age*, **2013**, 35, 1007-15		34
84	The complex role of physical exercise and reactive oxygen species on brain. *Journal of Sport and Health Science*, **2013**, 2, 87-93	8.2	34
83	The beneficial effects of nettle supplementation and exercise on brain lesion and memory in rat. *Journal of Nutritional Biochemistry*, **2009**, 20, 974-81	6.3	34
82	Mitochondrial biogenesis-associated factors underlie the magnitude of response to aerobic endurance training in rats. *Pflugers Archiv European Journal of Physiology*, **2015**, 467, 779-88	4.6	33

81	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, 585-96	2.6	33
80	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, 107-18	7.8	30
79	Reactive Oxygen and Nitrogen Species Regulate Key Metabolic, Anabolic, and Catabolic Pathways in Skeletal Muscle. *Antioxidants*, **2018**, 7,	7.1	29
78	Master athletes have higher miR-7, SIRT3 and SOD2 expression in skeletal muscle than age-matched sedentary controls. *Redox Biology*, **2018**, 19, 46-51	11.3	28
77	Short-term adenosine monophosphate-activated protein kinase activator 5-aminoimidazole-4-carboxamide-1-Ð-ribofuranoside treatment increases the sirtuin 1 protein expression in skeletal muscle. *Metabolism: Clinical and Experimental*, **2011**, 60, 394-403	12.7	28
76	Whole transcriptome analysis reveals a role for OGG1-initiated DNA repair signaling in airway remodeling. *Free Radical Biology and Medicine*, **2015**, 89, 20-33	7.8	26
75	Higher levels of ATGL are associated with exercise-induced enhancement of lipolysis in rat epididymal adipocytes. *PLoS ONE*, **2012**, 7, e40876	3.7	26
74	Effects of the stimuli-dependent enrichment of 8-oxoguanine DNA glycosylase1 on chromatinized DNA. *Redox Biology*, **2018**, 18, 43-53	11.3	26
73	Are the neuroprotective effects of estradiol and physical exercise comparable during ageing in female rats?. *Biogerontology*, **2012**, 13, 413-27	4.5	25
72	The systemic role of SIRT1 in exercise mediated adaptation. *Redox Biology*, **2020**, 35, 101467	11.3	24
71	Aerobic endurance capacity affects spatial memory and SIRT1 is a potent modulator of 8-oxoguanine repair. *Neuroscience*, **2013**, 252, 326-36	3.9	24
70	The effects of statin medications on aerobic exercise capacity and training adaptations. *Sports Medicine*, **2014**, 44, 1519-30	10.6	22
69	alpha-Lipoic acid modulates thiol antioxidant defenses and attenuates exercise-induced oxidative stress in standardbred trotters. *Free Radical Research*, **2009**, 43, 697-705	4	22
68	SIRT1 may play a crucial role in overload-induced hypertrophy of skeletal muscle. *Journal of Physiology*, **2017**, 595, 3361-3376	3.9	21
67	Resveratrol attenuates exercise-induced adaptive responses in rats selectively bred for low running performance. *Dose-Response*, **2014**, 12, 57-71	2.3	21
66	Hormetic effects of reactive oxygen species by exercise: a view from animal studies for successful aging in human. *Dose-Response*, **2009**, 8, 68-72	2.3	21
65	Acute bout of exercise does not alter the antioxidant enzyme status and lipid peroxidation of rat hippocampus and cerebellum. *Pathophysiology*, **1995**, 2, 243-245	1.8	20
64	Exercise, redox system and neurodegenerative diseases. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2020**, 1866, 165778	6.9	19

63	Voluntary exercise may engage proteasome function to benefit the brain after trauma. *Brain Research*, **2010**, 1341, 25-31	3.7	18
62	Attenuation of the development of murine solid leukemia tumor by physical exercise. *Antioxidants and Redox Signaling*, **2002**, 4, 213-9	8.4	18
61	Nitric oxide: is it the cause of muscle soreness?. *Nitric Oxide - Biology and Chemistry*, **2012**, 26, 89-94	5	17
60	Multivitamin-mineral supplementation prevents lipid peroxidation during "the Marathon des Sables". *Journal of the American College of Nutrition*, **2007**, 26, 111-20	3.5	17
59	Exercise Increases Markers of Spermatogenesis in Rats Selectively Bred for Low Running Capacity. *PLoS ONE*, **2014**, 9, e114075	3.7	16
58	Lung cancer in smoking patients inversely alters the activity of hOGG1 and hNTH1. *Cancer Letters*, **2005**, 219, 191-5	9.9	16
57	Cardioprotective effects of voluntary exercise in a rat model: role of matrix metalloproteinase-2. *Oxidative Medicine and Cellular Longevity*, **2015**, 2015, 876805	6.7	15
56	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, 33-7	2.8	14
55	Single Dose Administration of Taheebo Polyphenol Enhances Endurance Capacity in Mice. *Scientific Reports*, **2018**, 8, 14625	4.9	14
54	Exogenous nicotinamide supplementation and moderate physical exercise can attenuate the aging process in skeletal muscle of rats. *Biogerontology*, **2017**, 18, 593-600	4.5	12
53	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, 1271-6	2.3	12
52	High intensity interval training and molecular adaptive response of skeletal muscle. *Sports Medicine and Health Science*, **2019**, 1, 24-32	4.5	11
51	8-Oxoguanine DNA glycosylase1-driven DNA repair-A paradoxical role in lung aging. *Mechanisms of Ageing and Development*, **2017**, 161, 51-65	5.6	11
50	Biochemical identification of a hydroperoxide derivative of the free 8-oxo-7,8-dihydroguanine base. *Free Radical Biology and Medicine*, **2012**, 52, 749-56	7.8	11
49	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	4.7	11
48	The roles of microRNA in redox metabolism and exercise-mediated adaptation. *Journal of Sport and Health Science*, **2020**, 9, 405-414	8.2	11
47	Effects of Resistance Exercise on Cerebral Redox Regulation and Cognition: An Interplay Between Muscle and Brain. *Antioxidants*, **2019**, 8,	7.1	10
46	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	8.2	10

45	The effect of high altitude and caloric restriction on reactive carbonyl derivatives and activity of glutamine synthetase in rat brain. *Life Sciences*, **1998**, 62, 1317-22	6.8	10
44	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	4.5	10
43	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	2.7	9
42	Does Compression Sensory Axonopathy in the Proximal Tibia Contribute to Noncontact Anterior Cruciate Ligament Injury in a Causative Way?-A New Theory for the Injury Mechanism. *Life*, **2021**, 11,	3	9
41	The rate of training response to aerobic exercise affects brain function of rats. *Neurochemistry International*, **2016**, 99, 16-23	4.4	8
40	Pollen-induced oxidative DNA damage response regulates miRNAs controlling allergic inflammation. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2017**, 313, L1058-L1068	5.8	8
39	Active Recovery between Interval Bouts Reduces Blood Lactate While Improving Subsequent Exercise Performance in Trained Men. *Sports*, **2017**, 5,	3	8
38	A comparison of chronic AICAR treatment-induced metabolic adaptations in red and white muscles of rats. *Journal of Physiological Sciences*, **2015**, 65, 121-30	2.3	7
37	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	2.7	7
36	N-acetyl-L-cysteine Prevents Lactate-Mediated PGC1-alpha Expression in C2C12 Myotubes. *Biology*, **2019**, 8,	4.9	6
35	Absence of an aging-related increase in fiber type grouping in athletes and non-athletes. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 2057-2069	4.6	6
34	The Effects of High-Altitude Exposure on Reactive Oxygen and Nitrogen Species **2014**, 407-416		5
33	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	2.7	5
32	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	5.2	5
31	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	8.2	4
30	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	3.9	4
29	Influence of pulsing electromagnetic field therapy on resting blood pressure in aging adults. *Electromagnetic Biology and Medicine*, **2013**, 32, 165-72	2.2	4
28	Physical Activity Protects the Pathological Alterations of Alzheimer's Disease Kidneys via the Activation of PACAP and BMP Signaling Pathways. *Frontiers in Cellular Neuroscience*, **2020**, 14, 243	6.1	4

27	Epigenetic Modulation of Gene Expression by Exercise. *Healthy Ageing and Longevity*, **2015**, 85-100	0.5	3
26	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	2.7	3
25	The role of exercise in brain DNA damage. *Neural Regeneration Research*, **2020**, 15, 1981-1985	4.5	3
24	COVID-19 Infection Alters the Microbiome: Elite Athletes and Sedentary Patients Have Similar Bacterial Flora. *Genes*, **2021**, 12,	4.2	3
23	Lactate Metabolism and Satellite Cell Fate. *Frontiers in Physiology*, **2020**, 11, 610983	4.6	3
22	Exercise and Hormesis **2019**, 63-73		3
21	Fundamentals of Endurance Training **2018**, 81-109		2
20	Alzheimer's Disease Mouse as a Model of Testis Degeneration. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
19	Diet and Sport **2018**, 127-139		1
18	Physical Training and Prevention **2018**, 141-155		1
17	Skeletal Muscle, Function, and Muscle Fiber Types **2018**, 15-31		1
16	Regular Exercise Results in Systemic Adaptation Against Oxidative Stress **2014**, 3855-3869		1
15	Physical Training Inhibits the Fibrosis Formation in Alzheimer's Disease Kidney Influencing the TGF Signaling Pathways. *Journal of Alzheimer's Disease*, **2021**, 81, 1195-1209	4.3	1
14	Innate Immune Responses to RSV Infection Facilitated by OGG1, an Enzyme Repairing Oxidatively Modified DNA Base Lesions.. *Journal of Innate Immunity*, **2022**, 1-22	6.9	1
13	The Systemic Effects of Exercise on the Systemic Effects of Alzheimer Disease. *Antioxidants*, **2022**, 11, 1028	7.1	1
12	Issues on Trainability.. *Frontiers in Physiology*, **2021**, 12, 790196	4.6	0
11	The Effects of Aging and Exercise on Protein Acetylation/Deacetylation : Role of Sirtuins. *Juntendo Igaku*, **2010**, 56, 257-259	1	0
10	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	4.5	0

9 Posttranslational Modification of Proteins **2015**, 165-169

8 Physical Training and Aging **2018**, 157-170

7 Physiology of Training Plan: Periodization **2018**, 185-227

6 Basic Cellular Functions, Cellular Adaptation, and Metabolism **2018**, 1-13

5 Adaptation, Phenotypic Adaptation, Fatigue, and Overtraining **2018**, 33-54

4 Sport Genetics **2018**, 171-183

3 Biological Implications of Protein Oxidation **2002**, 350-365

2 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 0.5

1 The Role of Reactive Oxygen and Nitrogen Species in Skeletal Muscle **2019**, 309-315