

Zsolt Radak

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7802113/zsolt-radak-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Innate Immune Responses to RSV Infection Facilitated by OGG1, an Enzyme Repairing Oxidatively Modified DNA Base Lesions.. <i>Journal of Innate Immunity</i> , 2022 , 1-22	6.9	1
151	The Systemic Effects of Exercise on the Systemic Effects of Alzheimer's Disease. <i>Antioxidants</i> , 2022 , 11, 1028	7.1	1
150	Blood flow restriction in human skeletal muscle during rest periods after high-load resistance training down-regulates miR-206 and induces Pax7. <i>Journal of Sport and Health Science</i> , 2021 , 10, 470-477	8.2	4
149	Issues on Trainability.. <i>Frontiers in Physiology</i> , 2021 , 12, 790196	4.6	0
148	COVID-19 Infection Alters the Microbiome: Elite Athletes and Sedentary Patients Have Similar Bacterial Flora. <i>Genes</i> , 2021 , 12,	4.2	3
147	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. <i>Sports Medicine and Health Science</i> , 2021 , 3, 40-45	4.5	0
146	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. <i>Life</i> , 2021 , 11,	3	9
145	Physical Training Inhibits the Fibrosis Formation in Alzheimer's Disease Kidney Influencing the TGF β Signaling Pathways. <i>Journal of Alzheimer's Disease</i> , 2021 , 81, 1195-1209	4.3	1
144	Exercise-mitigated sex-based differences in aging: from genetic alterations to heart performance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H854-H866	5.2	5
143	The COVID-19 pandemic and physical activity. <i>Sports Medicine and Health Science</i> , 2020 , 2, 55-64	4.5	148
142	The systemic role of SIRT1 in exercise mediated adaptation. <i>Redox Biology</i> , 2020 , 35, 101467	11.3	24
141	Exercise, redox system and neurodegenerative diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165778	6.9	19
140	The role of exercise in brain DNA damage. <i>Neural Regeneration Research</i> , 2020 , 15, 1981-1985	4.5	3
139	Absence of an aging-related increase in fiber type grouping in athletes and non-athletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 2057-2069	4.6	6
138	Physical Activity Protects the Pathological Alterations of Alzheimer's Disease Kidneys via the Activation of PACAP and BMP Signaling Pathways. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 243	6.1	4
137	Alzheimer's Disease Mouse as a Model of Testis Degeneration. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
136	Exercise combined with a probiotics treatment alters the microbiome, but moderately affects signalling pathways in the liver of male APP/PS1 transgenic mice. <i>Biogerontology</i> , 2020 , 21, 807-815	4.5	10

135	Lactate Metabolism and Satellite Cell Fate. <i>Frontiers in Physiology</i> , 2020 , 11, 610983	4.6	3
134	The roles of microRNA in redox metabolism and exercise-mediated adaptation. <i>Journal of Sport and Health Science</i> , 2020 , 9, 405-414	8.2	11
133	High intensity interval training and molecular adaptive response of skeletal muscle. <i>Sports Medicine and Health Science</i> , 2019 , 1, 24-32	4.5	11
132	N-acetyl-L-cysteine Prevents Lactate-Mediated PGC1-alpha Expression in C2C12 Myotubes. <i>Biology</i> , 2019 , 8,	4.9	6
131	Effects of Resistance Exercise on Cerebral Redox Regulation and Cognition: An Interplay Between Muscle and Brain. <i>Antioxidants</i> , 2019 , 8,	7.1	10
130	Exercise and probiotics attenuate the development of Alzheimer's disease in transgenic mice: Role of microbiome. <i>Experimental Gerontology</i> , 2019 , 115, 122-131	4.5	90
129	The Role of Reactive Oxygen and Nitrogen Species in Skeletal Muscle 2019 , 309-315		
128	Exercise effects on physiological function during aging. <i>Free Radical Biology and Medicine</i> , 2019 , 132, 33-41	7.8	37
127	Exercise and Hormesis 2019 , 63-73		3
126	Reactive Oxygen and Nitrogen Species Regulate Key Metabolic, Anabolic, and Catabolic Pathways in Skeletal Muscle. <i>Antioxidants</i> , 2018 , 7,	7.1	29
125	Master athletes have higher miR-7, SIRT3 and SOD2 expression in skeletal muscle than age-matched sedentary controls. <i>Redox Biology</i> , 2018 , 19, 46-51	11.3	28
124	Fundamentals of Endurance Training 2018 , 81-109		2
123	Diet and Sport 2018 , 127-139		1
122	Physical Training and Prevention 2018 , 141-155		1
121	Physical Training and Aging 2018 , 157-170		
120	Physiology of Training Plan: Periodization 2018 , 185-227		
119	Basic Cellular Functions, Cellular Adaptation, and Metabolism 2018 , 1-13		
118	Skeletal Muscle, Function, and Muscle Fiber Types 2018 , 15-31		1

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

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

115 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

114 Single Dose Administration of Taheebo Polyphenol Enhances Endurance Capacity in Mice. *Scientific Reports*, **2018**, 8, 14625 4.9 14

113 Effects of the stimuli-dependent enrichment of 8-oxoguanine DNA glycosylase1 on chromatinized DNA. *Redox Biology*, **2018**, 18, 43-53 11.3 26

112 SIRT1 may play a crucial role in overload-induced hypertrophy of skeletal muscle. *Journal of Physiology*, **2017**, 595, 3361-3376 3.9 21

111 Exercise, oxidants, and antioxidants change the shape of the bell-shaped hormesis curve. *Redox Biology*, **2017**, 12, 285-290 11.3 96

110 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

109 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

108 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

107 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

106 Active Recovery between Interval Bouts Reduces Blood Lactate While Improving Subsequent Exercise Performance in Trained Men. *Sports*, **2017**, 5, 3 8

105 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

104 The rate of training response to aerobic exercise affects brain function of rats. *Neurochemistry International*, **2016**, 99, 16-23 4.4 8

103 Physical exercise, reactive oxygen species and neuroprotection. *Free Radical Biology and Medicine*, **2016**, 98, 187-196 7.8 81

102 Exercise-induced oxidative stress: past, present and future. *Journal of Physiology*, **2016**, 594, 5081-92 3.9 163

101 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

100 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

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

98 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

97 Mitochondrial biogenesis-associated factors underlie the magnitude of response to aerobic endurance training in rats. *Pflügers Archiv European Journal of Physiology*, **2015**, 467, 779-88 4.6 33

96 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

95 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

94 Epigenetic Modulation of Gene Expression by Exercise. *Healthy Ageing and Longevity*, **2015**, 85-100 0.5 3

93 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

92 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

91 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

90 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

89 The Effects of High-Altitude Exposure on Reactive Oxygen and Nitrogen Species **2014**, 407-416 5

88 The effects of statin medications on aerobic exercise capacity and training adaptations. *Sports Medicine*, **2014**, 44, 1519-30 10.6 22

87 Innate inflammation induced by the 8-oxoguanine DNA glycosylase-1-KRAS-NF- κ B pathway. *Journal of Immunology*, **2014**, 193, 4643-53 5.3 71

86 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

85 The redox-associated adaptive response of brain to physical exercise. *Free Radical Research*, **2014**, 48, 84-92 4 34

84 Exercise Increases Markers of Spermatogenesis in Rats Selectively Bred for Low Running Capacity. *PLoS ONE*, **2014**, 9, e114075 3.7 16

83 The role of 8-oxoguanine DNA glycosylase-1 in inflammation. *International Journal of Molecular Sciences*, **2014**, 15, 16975-97 6.3 69

82 Resveratrol attenuates exercise-induced adaptive responses in rats selectively bred for low running performance. *Dose-Response*, **2014**, 12, 57-71 2.3 21

81	Regular Exercise Results in Systemic Adaptation Against Oxidative Stress 2014 , 3855-3869		1
80	High altitude exposure alters gene expression levels of DNA repair enzymes, and modulates fatty acid metabolism by SIRT4 induction in human skeletal muscle. <i>Respiratory Physiology and Neurobiology</i> , 2014 , 196, 33-7	2.8	14
79	The effects of cold water immersion after rugby training on muscle power and biochemical markers. <i>Journal of Sports Science and Medicine</i> , 2014 , 13, 616-23	2.7	9
78	Relationship between ventilatory function and age in master athletes and a sedentary reference population. <i>Age</i> , 2013 , 35, 1007-15		34
77	Resveratrol enhances exercise training responses in rats selectively bred for high running performance. <i>Food and Chemical Toxicology</i> , 2013 , 61, 53-9	4.7	65
76	Down-regulation of 8-oxoguanine DNA glycosylase 1 expression in the airway epithelium ameliorates allergic lung inflammation. <i>DNA Repair</i> , 2013 , 12, 18-26	4.3	58
75	Aerobic endurance capacity affects spatial memory and SIRT1 is a potent modulator of 8-oxoguanine repair. <i>Neuroscience</i> , 2013 , 252, 326-36	3.9	24
74	Activation of cellular signaling by 8-oxoguanine DNA glycosylase-1-initiated DNA base excision repair. <i>DNA Repair</i> , 2013 , 12, 856-63	4.3	52
73	8-Oxoguanine DNA glycosylase-1 links DNA repair to cellular signaling via the activation of the small GTPase Rac1. <i>Free Radical Biology and Medicine</i> , 2013 , 61, 384-94	7.8	64
72	Implications of oxidative damage to proteins and DNA in aging and its intervention by caloric restriction and exercise. <i>Journal of Sport and Health Science</i> , 2013 , 2, 75-80	8.2	10
71	Redox-regulating sirtuins in aging, caloric restriction, and exercise. <i>Free Radical Biology and Medicine</i> , 2013 , 58, 87-97	7.8	77
70	The effects of cocoa supplementation, caloric restriction, and regular exercise, on oxidative stress markers of brain and memory in the rat model. <i>Food and Chemical Toxicology</i> , 2013 , 61, 36-41	4.7	11
69	Oxygen consumption and usage during physical exercise: the balance between oxidative stress and ROS-dependent adaptive signaling. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1208-46	8.4	359
68	Traumatic brain injury: oxidative stress and neuroprotection. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 836-53	8.4	210
67	The complex role of physical exercise and reactive oxygen species on brain. <i>Journal of Sport and Health Science</i> , 2013 , 2, 87-93	8.2	34
66	Influence of pulsing electromagnetic field therapy on resting blood pressure in aging adults. <i>Electromagnetic Biology and Medicine</i> , 2013 , 32, 165-72	2.2	4
65	Are the neuroprotective effects of estradiol and physical exercise comparable during ageing in female rats?. <i>Biogerontology</i> , 2012 , 13, 413-27	4.5	25
64	Nitric oxide: is it the cause of muscle soreness?. <i>Nitric Oxide - Biology and Chemistry</i> , 2012 , 26, 89-94	5	17

63	Higher levels of ATGL are associated with exercise-induced enhancement of lipolysis in rat epididymal adipocytes. <i>PLoS ONE</i> , 2012 , 7, e40876	3.7	26
62	Age-associated declines in mitochondrial biogenesis and protein quality control factors are minimized by exercise training. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 303, R127-34	3.2	100
61	Activation of ras signaling pathway by 8-oxoguanine DNA glycosylase bound to its excision product, 8-oxoguanine. <i>Journal of Biological Chemistry</i> , 2012 , 287, 20769-73	5.4	94
60	The effects of aging, physical training, and a single bout of exercise on mitochondrial protein expression in human skeletal muscle. <i>Experimental Gerontology</i> , 2012 , 47, 417-24	4.5	72
59	Biochemical identification of a hydroperoxide derivative of the free 8-oxo-7,8-dihydroguanine base. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 749-56	7.8	11
58	Exercise training and the promotion of neurogenesis and neurite outgrowth in the hippocampus. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2012 , 1, 333-337	0.5	
57	Age-associated neurodegeneration and oxidative damage to lipids, proteins and DNA. <i>Molecular Aspects of Medicine</i> , 2011 , 32, 305-15	16.7	154
56	Combined exercise and insulin-like growth factor-1 supplementation induces neurogenesis in old rats, but do not attenuate age-associated DNA damage. <i>Rejuvenation Research</i> , 2011 , 14, 585-96	2.6	33
55	Short-term adenosine monophosphate-activated protein kinase activator 5-aminoimidazole-4-carboxamide-1-β-ribofuranoside treatment increases the sirtuin 1 protein expression in skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 394-403	12.7	28
54	Age-dependent changes in 8-oxoguanine-DNA glycosylase activity are modulated by adaptive responses to physical exercise in human skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 417-23	7.8	68
53	The effect of regular exercise on development of sarcoma tumor and oxidative damage in mice liver. <i>Journal of Sports Science and Medicine</i> , 2011 , 10, 93-6	2.7	5
52	Lactoferrin decreases LPS-induced mitochondrial dysfunction in cultured cells and in animal endotoxemia model. <i>Innate Immunity</i> , 2010 , 16, 67-79	2.7	45
51	Exercise plays a preventive role against Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2010 , 20, 777-83	4.3	199
50	Voluntary exercise may engage proteasome function to benefit the brain after trauma. <i>Brain Research</i> , 2010 , 1341, 25-31	3.7	18
49	Aging and exercise affect the level of protein acetylation and SIRT1 activity in cerebellum of male rats. <i>Biogerontology</i> , 2010 , 11, 679-86	4.5	43
48	Exercise alters SIRT1, SIRT6, NAD and NAMPT levels in skeletal muscle of aged rats. <i>Mechanisms of Ageing and Development</i> , 2010 , 131, 21-8	5.6	194
47	8-Oxo-7,8-dihydroguanine: links to gene expression, aging, and defense against oxidative stress. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 587-96	7.8	106
46	Oligomerized grape seed polyphenols attenuate inflammatory changes due to antioxidative properties in coculture of adipocytes and macrophages. <i>Journal of Nutritional Biochemistry</i> , 2010 , 21, 47-54	6.3	44

45	The Effects of Aging and Exercise on Protein Acetylation/Deacetylation : Role of Sirtuins. <i>Juntendo Igaku</i> , 2010 , 56, 257-259	1	0
44	Hormetic effects of reactive oxygen species by exercise: a view from animal studies for successful aging in human. <i>Dose-Response</i> , 2009 , 8, 68-72	2.3	21
43	Exercise improves import of 8-oxoguanine DNA glycosylase into the mitochondrial matrix of skeletal muscle and enhances the relative activity. <i>Free Radical Biology and Medicine</i> , 2009 , 46, 238-43	7.8	42
42	The beneficial effects of nettle supplementation and exercise on brain lesion and memory in rat. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 974-81	6.3	34
41	alpha-Lipoic acid modulates thiol antioxidant defenses and attenuates exercise-induced oxidative stress in standardbred trotters. <i>Free Radical Research</i> , 2009 , 43, 697-705	4	22
40	Systemic adaptation to oxidative challenge induced by regular exercise. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 153-9	7.8	384
39	Endurance exercise increases the SIRT1 and peroxisome proliferator-activated receptor gamma coactivator-1alpha protein expressions in rat skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 986-98	12.7	142
38	Decreased serum brain-derived neurotrophic factor in trained men. <i>Neuroscience Letters</i> , 2008 , 437, 29-32	3.3	68
37	Exercise, oxidative stress and hormesis. <i>Ageing Research Reviews</i> , 2008 , 7, 34-42	12	394
36	Antioxidative effects of a new lychee fruit-derived polyphenol mixture, oligonol, converted into a low-molecular form in adipocytes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008 , 72, 463-76	2.1	62
35	Effects of exercise on brain function: role of free radicals. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 942-6	3	86
34	Regular exercise reduces 8-oxodG in the nuclear and mitochondrial DNA and modulates the DNA repair activity in the liver of old rats. <i>Experimental Gerontology</i> , 2007 , 42, 287-95	4.5	79
33	Beneficial biochemical outcomes of late-onset dietary restriction in rodents. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1100, 431-41	6.5	47
32	Multivitamin-mineral supplementation prevents lipid peroxidation during "the Marathon des Sables". <i>Journal of the American College of Nutrition</i> , 2007 , 26, 111-20	3.5	17
31	8-Oxoguanosine and uracil repair of nuclear and mitochondrial DNA in red and white skeletal muscle of exercise-trained old rats. <i>Journal of Applied Physiology</i> , 2007 , 102, 1696-701	3.7	51
30	High altitude and oxidative stress. <i>Respiratory Physiology and Neurobiology</i> , 2007 , 158, 128-31	2.8	153
29	Hormetic effects of regular exercise in aging: correlation with oxidative stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 948-53	3	59
28	Serum brain-derived neurotrophic factor level is increased and associated with obesity in newly diagnosed female patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2006 , 55, 852-7	12.7	137

27	The effects of training and detraining on memory, neurotrophins and oxidative stress markers in rat brain. <i>Neurochemistry International</i> , 2006 , 49, 387-92	4.4	191
26	The effects of moderate-, strenuous- and over-training on oxidative stress markers, DNA repair, and memory, in rat brain. <i>Neurochemistry International</i> , 2005 , 46, 635-40	4.4	119
25	The effect of exercise and nettle supplementation on oxidative stress markers in the rat brain. <i>Brain Research Bulletin</i> , 2005 , 65, 487-93	3.9	71
24	Lung cancer in smoking patients inversely alters the activity of hOGG1 and hNTH1. <i>Cancer Letters</i> , 2005 , 219, 191-5	9.9	16
23	The effects of moderate, strenuous, and overtraining on oxidative stress markers and DNA repair in rat liver. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005 , 30, 186-95		63
22	Exercise and hormesis: oxidative stress-related adaptation for successful aging. <i>Biogerontology</i> , 2005 , 6, 71-5	4.5	280
21	Age-associated increase in oxidative stress and nuclear factor kappaB activation are attenuated in rat liver by regular exercise. <i>FASEB Journal</i> , 2004 , 18, 749-50	0.9	156
20	Regular exercise: an effective means to reduce oxidative stress in old rats. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1019, 471-4	6.5	38
19	High altitude and free radicals. <i>Journal of Sports Science and Medicine</i> , 2004 , 3, 64-9	2.7	57
18	Marathon running alters the DNA base excision repair in human skeletal muscle. <i>Life Sciences</i> , 2003 , 72, 1627-33	6.8	81
17	Effect of aging and late onset dietary restriction on antioxidant enzymes and proteasome activities, and protein carbonylation of rat skeletal muscle and tendon. <i>Experimental Gerontology</i> , 2002 , 37, 1423-30	4.5	82
16	Exercise training decreases DNA damage and increases DNA repair and resistance against oxidative stress of proteins in aged rat skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 2002 , 445, 273-8	4.6	169
15	Attenuation of the development of murine solid leukemia tumor by physical exercise. <i>Antioxidants and Redox Signaling</i> , 2002 , 4, 213-9	8.4	18
14	Biological Implications of Protein Oxidation 2002 , 350-365		
13	Implications of protein degradation in aging. <i>Annals of the New York Academy of Sciences</i> , 2001 , 928, 54-64	6.5	65
12	Regular exercise improves cognitive function and decreases oxidative damage in rat brain. <i>Neurochemistry International</i> , 2001 , 38, 17-23	4.4	285
11	Single bout of exercise eliminates the immobilization-induced oxidative stress in rat brain. <i>Neurochemistry International</i> , 2001 , 39, 33-8	4.4	80
10	Exercise preconditioning against hydrogen peroxide-induced oxidative damage in proteins of rat myocardium. <i>Archives of Biochemistry and Biophysics</i> , 2000 , 376, 248-51	4.1	61

9	Regular training modulates the accumulation of reactive carbonyl derivatives in mitochondrial and cytosolic fractions of rat skeletal muscle. <i>Archives of Biochemistry and Biophysics</i> , 2000 , 383, 114-8	4.1	46
8	Changes in urine 8-hydroxydeoxyguanosine levels of super-marathon runners during a four-day race period. <i>Life Sciences</i> , 2000 , 66, 1763-7	6.8	53
7	Muscle soreness-induced reduction in force generation is accompanied by increased nitric oxide content and DNA damage in human skeletal muscle. <i>Free Radical Biology and Medicine</i> , 1999 , 26, 1059-63	7.8	92
6	The effect of exercise training on oxidative damage of lipids, proteins, and DNA in rat skeletal muscle: evidence for beneficial outcomes. <i>Free Radical Biology and Medicine</i> , 1999 , 27, 69-74	7.8	185
5	The effect of high altitude and caloric restriction on reactive carbonyl derivatives and activity of glutamine synthetase in rat brain. <i>Life Sciences</i> , 1998 , 62, 1317-22	6.8	10
4	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. <i>Biological and Pharmaceutical Bulletin</i> , 1998 , 21, 1271-6	2.3	12
3	High altitude training increases reactive carbonyl derivatives but not lipid peroxidation in skeletal muscle of rats. <i>Free Radical Biology and Medicine</i> , 1997 , 22, 1109-14	7.8	70
2	Superoxide dismutase derivative prevents oxidative damage in liver and kidney of rats induced by exhausting exercise. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996 , 72, 189-94		48
1	Acute bout of exercise does not alter the antioxidant enzyme status and lipid peroxidation of rat hippocampus and cerebellum. <i>Pathophysiology</i> , 1995 , 2, 243-245	1.8	20