Malcolm J Jackson

List of Publications by Year
in descending order

209	11,578	28274	55	33894	99
papers	citations		h-index		g-index

210	210	210	11863
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Combined transcriptomic, proteomic and synthesis profiling reveal distinct proteostatic signatures for skeletal muscle of adult and old mice. FASEB Journal, 2022, 36, .	0.5	0
2	Altered oxidative DNA damage repair systems in muscles of old mice: role in the ageâ€related increase in muscle production of cytokines/chemokines. FASEB Journal, 2022, 36, .	0.5	0
3	Redox Control of Signalling Responses to Contractile Activity and Ageing in Skeletal Muscle. Cells, 2022, 11, 1698.	4.1	7
4	Exercise stress leads to an acute loss of mitochondrial proteins and disruption of redox control in skeletal muscle of older subjects: An underlying decrease in resilience with aging?. Free Radical Biology and Medicine, 2021, 177, 88-99.	2.9	14
5	On the mechanisms underlying attenuated redox responses to exercise in older individuals: A hypothesis. Free Radical Biology and Medicine, 2020, 161, 326-338.	2.9	9
6	2-Cys peroxiredoxin oxidation in response to hydrogen peroxide and contractile activity in skeletal muscle: A novel insight into exercise-induced redox signalling?. Free Radical Biology and Medicine, 2020, 160, 199-207.	2.9	16
7	Neuronâ€specific deletion of CuZnSOD leads to an advanced sarcopenic phenotype in older mice. Aging Cell, 2020, 19, e13225.	6.7	29
8	Hydrogen peroxide as a signal for skeletal muscle adaptations to exercise: What do concentrations tell us about potential mechanisms?. Redox Biology, 2020, 35, 101484.	9.0	22
9	Mechanistic models to guide redox investigations and interventions in musculoskeletal ageing. Free Radical Biology and Medicine, 2020, 149, 2-7.	2.9	4
10	Secretory proteostasis of the retinal pigmented epithelium: Impairment links to age-related macular degeneration. Progress in Retinal and Eye Research, 2020, 79, 100859.	15.5	17
11	Genomic Profiling and Physiological Approaches to Understand Aquaporins and their Role in ROS Signalling within Skeletal Muscle. FASEB Journal, 2020, 34, 1-1.	0.5	0
12	Accelerated sarcopenia in Cu/Zn superoxide dismutase knockout mice. Free Radical Biology and Medicine, 2019, 132, 19-23.	2.9	51
13	Redox responses in skeletal muscle following denervation. Redox Biology, 2019, 26, 101294.	9.0	26
14	An Introduction to a Special Issue of Free Radical Biology and Medicine - â€œReactive Oxygen Species and Musculoskeletal Agingâ€. Free Radical Biology and Medicine, 2019, 132, 1-2.	2.9	2
15	Advanced glycation end productsâ€related modulation of cathepsin L and NFâ€ÎºB signalling effectors in retinal pigment epithelium lead to augmented response to TNFÎ±. Journal of Cellular and Molecular Medicine, 2019, 23, 405-416.	3.6	15
16	Aberrant redox signalling and stress response in age-related muscle decline: Role in inter- and intra-cellular signalling. Free Radical Biology and Medicine, 2019, 132, 50-57.	2.9	29
17	Redox responses are preserved across muscle fibres with differential susceptibility to aging. Journal of Proteomics, 2018, 177, 112-123.	2.4	24
18	Comparison of Whole Body SOD1 Knockout with Muscle-Specific SOD1 Knockout Mice Reveals a Role for Nerve Redox Signaling in Regulation of Degenerative Pathways in Skeletal Muscle. Antioxidants and Redox Signaling, 2018, 28, 275-295.	5.4	41

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19	Developing a toolkit for the assessment and monitoring of musculoskeletal ageing. Age and Ageing, 2018, 47, iv1-iv19.	1.6	25
20	Towards a toolkit for the assessment and monitoring of musculoskeletal ageing. Age and Ageing, 2018, 47, 774-777.	1.6	1
21	A new mouse model of frailty: the Cu/Zn superoxide dismutase knockout mouse. GeroScience, 2017, 39, 187-198.	4.6	79
22	MiR-23-TrxR1 as a novel molecular axis in skeletal muscle differentiation. Scientific Reports, 2017, 7, 7219.	3.3	37
23	Role of nerveâ€“muscle interactions and reactive oxygen species in regulation of muscle proteostasis with ageing. Journal of Physiology, 2017, 595, 6409-6415.	2.9	36
24	The Role of Eif6 in Skeletal Muscle Homeostasis Revealed by Endurance Training Co-expression Networks. Cell Reports, 2017, 21, 1507-1520.	6.4	22
25	The role of attenuated redox and heat shock protein responses in the age-related decline in skeletal muscle mass and function. Essays in Biochemistry, 2017, 61, 339-348.	4.7	15
26	Denervated muscle fibers induce mitochondrial peroxide generation in neighboring innervated fibers: Role in muscle aging. Free Radical Biology and Medicine, 2017, 112, 84-92.	2.9	40
27	Role of reactive oxygen species in ageâ€related neuromuscular deficits. Journal of Physiology, 2016, 594, 1979-1988.	2.9	35
28	Identification of (poly)phenol treatments that modulate the release of pro-inflammatory cytokines by human lymphocytes. British Journal of Nutrition, 2016, 115, 1699-1710.	2.3	19
29	Identification of benzopyrone as a common structural feature in compounds with anti-inflammatory activity in a zebrafish phenotypic screen. DMM Disease Models and Mechanisms, 2016, 9, 621-32.	2.4	28
30	Reactive oxygen species in sarcopenia: Should we focus on excess oxidative damage or defective redox signalling?. Molecular Aspects of Medicine, 2016, 50, 33-40.	6.4	58
31	The effect of lengthening contractions on neuromuscular junction structure in adult and old mice. Age, 2016, 38, 259-272.	3.0	21
32	Longâ€term administration of the mitochondriaâ€targeted antioxidant mitoquinone mesylate fails to attenuate ageâ€related oxidative damage or rescue the loss of muscle mass and function associated with aging of skeletal muscle. FASEB Journal, 2016, 30, 3771-3785.	0.5	40
33	Recent advances and longâ€standing problems in detecting oxidative damage and reactive oxygen species in skeletal muscle. Journal of Physiology, 2016, 594, 5185-5193.	2.9	13
34	Mitochondrial ROS regulate oxidative damage and mitophagy but not age-related muscle fiber atrophy. Scientific Reports, 2016, 6, 33944.	3.3	97
35	Special Issue â€œHuman performance and redox signaling in health and diseaseâ€. Free Radical Biology and Medicine, 2016, 98, 1.	2.9	0
36	Ageing-induced changes in the redox status of peripheral motor nerves imply an effect on redox signalling rather than oxidative damage. Free Radical Biology and Medicine, 2016, 94, 27-35.	2.9	23

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37	Cellular mechanisms underlying oxidative stress in human exercise. Free Radical Biology and Medicine, 2016, 98, 13-17.	2.9	60
38	Chronic Household Air Pollution Exposure Is Associated with Impaired Alveolar Macrophage Function in Malawian Non-Smokers. PLoS ONE, 2015, 10, e0138762.	2.5	13
39	In the idiopathic inflammatory myopathies (IIM), do reactive oxygen species (ROS) contribute to muscle weakness?. Annals of the Rheumatic Diseases, 2015, 74, 1340-1346.	0.9	41
40	Redox regulation of muscle adaptations to contractile activity and aging. Journal of Applied Physiology, 2015, 119, 163-171.	2.5	39
41	Neuron specific reduction in CuZnSOD is not sufficient to initiate a full sarcopenia phenotype. Redox Biology, 2015, 5, 140-148.	9.0	61
42	Age affects the contraction-induced mitochondrial redox response in skeletal muscle. Frontiers in Physiology, 2015, 6, 21.	2.8	15
43	Alpha B-crystallin induction in skeletal muscle cells under redox imbalance is mediated by a JNK-dependent regulatory mechanism. Free Radical Biology and Medicine, 2015, 86, 331-342.	2.9	27
44	SS-31 attenuates TNF-Î± induced cytokine release from C2C12 myotubes. Redox Biology, 2015, 6, 253-259.	9.0	36
45	Redox proteomic analysis of the gastrocnemius muscle from adult and old mice. Data in Brief, 2015, 4, 344-348.	1.0	11
46	Nitric oxide availability is increased in contracting skeletal muscle from aged mice, but does not differentially decrease muscle superoxide. Free Radical Biology and Medicine, 2015, 78, 82-88.	2.9	26
47	Skeletal Muscle Contractions Induce Acute Changes in Cytosolic Superoxide, but Slower Responses in Mitochondrial Superoxide and Cellular Hydrogen Peroxide. PLoS ONE, 2014, 9, e96378.	2.5	88
48	Redefining the major contributors to superoxide production in contracting skeletal muscle. The role of NAD(P)H oxidases. Free Radical Research, 2014, 48, 12-29.	3.3	137
49	Lifelong training preserves some redox-regulated adaptive responses after an acute exercise stimulus in aged human skeletal muscle. Free Radical Biology and Medicine, 2014, 70, 23-32.	2.9	74
50	Differential Cysteine Labeling and Global Label-Free Proteomics Reveals an Altered Metabolic State in Skeletal Muscle Aging. Journal of Proteome Research, 2014, 13, 5008-5021.	3.7	99
51	Application of redox proteomics to skeletal muscle aging and exercise. Biochemical Society Transactions, 2014, 42, 965-970.	3.4	26
52	Neuronâ€specific expression of CuZnSOD prevents the loss of muscle mass and function that occurs in homozygous CuZnSODâ€knockout mice. FASEB Journal, 2014, 28, 1666-1681.	0.5	75
53	Mitochondrial ROS generation and function in skeletal muscle from older subjects (863.5). FASEB Journal, 2014, 28, 863.5.	0.5	0
54	Neuronâ€specific expression of CuZnSOD prevents the loss of muscle mass and function that occurs in homozygous CuZnSOD knockout mice (1153.3). FASEB Journal, 2014, 28, 1153.3.	0.5	0

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55	CuZnSOD gene deletion targeted to skeletal muscle leads to loss of contractile force but does not cause muscle atrophy in adult mice. FASEB Journal, 2013, 27, 3536-3548.	0.5	57
56	Monitoring of Hydrogen Peroxide and Other Reactive Oxygen and Nitrogen Species Generated by Skeletal Muscle. Methods in Enzymology, 2013, 528, 279-300.	1.0	2
57	Role of reactive oxygen species in the defective regeneration seen in aging muscle. Free Radical Biology and Medicine, 2013, 65, 317-323.	2.9	50
58	Accelerated age-related loss of muscle mass in homozygotic SOD1 knockout mice is not associated with neuronal oxidative damage. Free Radical Biology and Medicine, 2013, 65, S48.	2.9	0
59	Aging increases the oxidation of dichlorohydrofluorescein in single isolated skeletal muscle fibers at rest, but not during contractions. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R351-R358.	1.8	48
60	Interactions Between Reactive Oxygen Species Generated by Contractile Activity and Aging in Skeletal Muscle?. Antioxidants and Redox Signaling, 2013, 19, 804-812.	5.4	20
61	Studies of Mitochondrial and Nonmitochondrial Sources Implicate Nicotinamide Adenine Dinucleotide Phosphate Oxidase(s) in the Increased Skeletal Muscle Superoxide Generation That Occurs During Contractile Activity. Antioxidants and Redox Signaling, 2013, 18, 603-621.	5.4	207
62	Polyphenols and phenolic acids modulate inflammatory cytokine release by Jurkat human CD4+ Tâ€cells. FASEB Journal, 2013, 27, 348.5.	0.5	0
63	Adaptive cytoprotective responses of motor neuron cells to reactive oxygen species generation by muscle cells, in coâ€culture. FASEB Journal, 2013, 27, 919.2.	0.5	0
64	In vitro susceptibility of thioredoxins and glutathione to redox modification and aging-related changes in skeletal muscle. Free Radical Biology and Medicine, 2012, 53, 2017-2027.	2.9	24
65	A simple protocol for the subcellular fractionation of skeletal muscle cells and tissue. BMC Research Notes, 2012, 5, 513.	1.4	257
66	Workshop report: Can an understanding of the mechanisms underlying age-related loss of muscle mass and function guide exercise and other intervention strategies?. Longevity & Healthspan, 2012, 1, 5.	6.7	0
67	Effect of passive stretch on intracellular nitric oxide and superoxide activities in single skeletal muscle fibres: Influence of ageing. Free Radical Research, 2012, 46, 30-40.	3.3	24
68	Tissueâ€dependent changes in oxidative damage with male reproductive effort in house mice. Functional Ecology, 2012, 26, 423-433.	3.6	57
69	In vivo studies of motor nerve reâ€growth following skeletal muscle damage by lengthening contractions. FASEB Journal, 2012, 26, 1141.4.	0.5	0
70	Control of Reactive Oxygen Species Production in Contracting Skeletal Muscle. Antioxidants and Redox Signaling, 2011, 15, 2477-2486.	5.4	114
71	Reactive Oxygen Species: Impact on Skeletal Muscle. , 2011, 1, 941-969.		346
72	Role of superoxideâ€“nitric oxide interactions in the accelerated ageâ€related loss of muscle mass in mice lacking Cu,Zn superoxide dismutase. Aging Cell, 2011, 10, 749-760.	6.7	57

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73	Ageâ€related changes in skeletal muscle reactive oxygen species generation and adaptive responses to reactive oxygen species. Journal of Physiology, 2011, 589, 2139-2145.	2.9	142
74	Is oxidative stress a physiological cost of reproduction? An experimental test in house mice. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1098-1106.	2.6	108
75	The effects of L-NAME on neuronal NOS and SOD1 expression in the DRGâ€“spinal cord network of axotomised Thy 1.2 eGFP mice. Neuron Glia Biology, 2011, 7, 129-141.	1.6	3
76	Reactive Oxygen Species Generation and Skeletal Muscle Wasting â€“ Implications for Sarcopenia. , 2011, , 317-331.		0
77	Models and Approaches for the Study of Reactive Oxygen Species Generation and Activities in Contracting Skeletal Muscle. , 2011, , 511-519.		0
78	Absence of insulin signalling in skeletal muscle is associated with reduced muscle mass and function: evidence for decreased protein synthesis and not increased degradation. Age, 2010, 32, 209-222.	3.0	37
79	The ageâ€related failure of adaptive responses to contractile activity in skeletal muscle is mimicked in young mice by deletion of Cu,Zn superoxide dismutase. Aging Cell, 2010, 9, 979-990.	6.7	48
80	Redox regulation in skeletal muscle during contractile activity and aging 1. Journal of Animal Science, 2010, 88, 1307-1313.	0.5	27
81	Characterisation of the Expression of the Renin-Angiotensin System in Primary and Immortalised Human Renal Proximal Tubular Cells. Nephron Experimental Nephrology, 2010, 116, e53-e61.	2.2	8
82	Overexpression of HSP10 in skeletal muscle of transgenic mice prevents the age-related fall in maximum tetanic force generation and muscle cross-sectional area. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R268-R276.	1.8	35
83	Redox regulation of adaptive responses in skeletal muscle to contractile activity. Free Radical Biology and Medicine, 2009, 47, 1267-1275.	2.9	67
84	Strategies for reducing oxidative damage in ageing skeletal muscleâ˜†. Advanced Drug Delivery Reviews, 2009, 61, 1363-1368.	13.7	26
85	Skeletal muscle aging: Role of reactive oxygen species. Critical Care Medicine, 2009, 37, S368-S371.	0.9	34
86	Redox regulation of skeletal muscle. IUBMB Life, 2008, 60, 497-501.	3.4	44
87	Repeated bouts of aerobic exercise lead to reductions in skeletal muscle free radical generation and nuclear factor ÎºB activation. Journal of Physiology, 2008, 586, 3979-3990.	2.9	88
88	Free radicals generated by contracting muscle: By-products of metabolism or key regulators of muscle function?. Free Radical Biology and Medicine, 2008, 44, 132-141.	2.9	125
89	In Situ Detection and Measurement of Intracellular Reactive Oxygen Species in Single Isolated Mature Skeletal Muscle Fibers by Real Time Fluorescence Microscopy. Antioxidants and Redox Signaling, 2008, 10, 1463-1474.	5.4	92
90	Prolonged treadmill training increases HSP70 in skeletal muscle but does not affect age-related functional deficits. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R568-R576.	1.8	28

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91	Exercise-Induced Oxidative Stress: Cellular Mechanisms and Impact on Muscle Force Production. Physiological Reviews, 2008, 88, 1243-1276.	28.8	1,784
92	Enhanced Recovery from Contraction-Induced Damage in Skeletal Muscles of Old Mice Following Treatment with the Heat Shock Protein Inducer 17-(Allylamino)-17-Demethoxygeldanamycin. Rejuvenation Research, 2008, 11, 1021-1030.	1.8	29
93	The Use of In Vivo Microdialysis Techniques to Detect Extracellular ROS in Resting and Contracting Skeletal Muscle. Methods in Molecular Biology, 2008, 477, 123-136.	0.9	7
94	The production of reactive oxygen and nitrogen species by skeletal muscle. Journal of Applied Physiology, 2007, 102, 1664-1670.	2.5	167
95	Markers of oxidative stress in the skeletal muscle of patients on haemodialysis. Nephrology Dialysis Transplantation, 2007, 22, 1177-1183.	0.7	41
96	Albumin overload induces adaptive responses in human proximal tubular cells through oxidative stress but not via angiotensin II type 1 receptor. American Journal of Physiology - Renal Physiology, 2007, 292, F1846-F1857.	2.7	28
97	Conjugated linoleic acids modulate UVR-induced IL-8 and PGE2 in human skin cells: potential of CLA isomers in nutritional photoprotection. Carcinogenesis, 2007, 28, 1329-1333.	2.8	21
98	Formation of 3-nitrotyrosines in carbonic anhydrase III is a sensitive marker of oxidative stress in skeletal muscle. Proteomics - Clinical Applications, 2007, 1, 362-372.	1.6	36
99	Real-time measurement of nitric oxide in single mature mouse skeletal muscle fibres during contractions. Journal of Physiology, 2007, 581, 309-318.	2.9	85
100	Release of superoxide from skeletal muscle of adult and old mice: an experimental test of the reductive hotspot hypothesis. Aging Cell, 2007, 6, 189-195.	6.7	31
101	Microdialysis as a window on interstitial reactive oxygen species in human tissues?A commentary on â€œAntioxidant supplementation enhances the exercise-induced increase in mitochondrial uncoupling protein 3 and endothelial nitric oxide synthase mRNA content in human skeletal muscle,â€• by Hellsten et al.. Free Radical Biology and Medicine, 2007, 43, 351-352.	2.9	1
102	Lack of shedding of the RIX4414 live attenuated rotavirus vaccine administered to adult volunteers. Archives of Virology, 2007, 152, 1951-1954.	2.1	5
103	Free radical generation by skeletal muscle of adult and old mice: effect of contractile activity. Aging Cell, 2006, 5, 109-117.	6.7	180
104	Lack of CuZnSOD activity: A pointer to the mechanisms underlying age-related loss of muscle function. Free Radical Biology and Medicine, 2006, 40, 1900-1902.	2.9	15
105	Genetic modification of the manganese superoxide dismutase/glutathione peroxidase 1 pathway influences intracellular ROS generation in quiescent, but not contracting, skeletal muscle cells. Free Radical Biology and Medicine, 2006, 41, 1719-1725.	2.9	37
106	HSF expression in skeletal muscle during myogenesis: Implications for failed regeneration in old mice. Experimental Gerontology, 2006, 41, 497-500.	2.8	24
107	Effect of lifelong overexpression of HSP70 in skeletal muscle on ageâ€related oxidative stress and adaptation after nondamaging contractile activity. FASEB Journal, 2006, 20, 1549-1551.	0.5	146
108	Measurement of intracellular reactive oxygen species in mature single skeletal muscle fibres by dichlorofluoresceinâ€based fluorescence microscopy. FASEB Journal, 2006, 20, A1456.	0.5	0

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109	Increased Generation of Intracellular Nitric Oxide During Contraction of Isolated Skeletal Muscle Fibres. FASEB Journal, 2006, 20, A1456.	0.5	0
110	Eicosapentaenoic Acid and Docosahexaenoic Acid Reduce UVB- and TNF-Î±-induced IL-8 Secretion in Keratinocytes and UVB-induced IL-8 in Fibroblasts. Journal of Investigative Dermatology, 2005, 124, 248-255.	0.7	85
111	Intracellular generation of reactive oxygen species by contracting skeletal muscle cells. Free Radical Biology and Medicine, 2005, 39, 651-657.	2.9	107
112	Microdialysis studies of extracellular reactive oxygen species in skeletal muscle: Factors influencing the reduction of cytochrome c and hydroxylation of salicylate. Free Radical Biology and Medicine, 2005, 39, 1460-1467.	2.9	46
113	Use of Microdialysis to Study Interstitial Nitric Oxide and Other Reactive Oxygen and Nitrogen Species in Skeletal Muscle. Methods in Enzymology, 2005, 396, 514-525.	1.0	4
114	Reactive oxygen species and redox-regulation of skeletal muscle adaptations to exercise. Philosophical Transactions of the Royal Society B: Biological Sciences, 2005, 360, 2285-2291.	4.0	102
115	Contraction-Induced Oxidants as Mediators of Adaptation and Damage in Skeletal Muscle. Exercise and Sport Sciences Reviews, 2004, 32, 14-18.	3.0	40
116	Overexpression of HSP70 in mouse skeletal muscle protects against muscle damage and ageâ€related muscle dysfunction. FASEB Journal, 2004, 18, 1-12.	0.5	225
117	Preconditioning of skeletal muscle against contraction-induced damage: the role of adaptations to oxidants in mice. Journal of Physiology, 2004, 561, 233-244.	2.9	107
118	Release of reactive oxygen and nitrogen species from contracting skeletal muscle cells. Free Radical Biology and Medicine, 2004, 37, 1064-1072.	2.9	169
119	Vitamin E and the Oxidative Stress of Exercise. Annals of the New York Academy of Sciences, 2004, 1031, 158-168.	3.8	58
120	Effects of oral vitamin E and Î²-carotene supplementation on ultraviolet radiationâ€“induced oxidative stress in human skin. American Journal of Clinical Nutrition, 2004, 80, 1270-1275.	4.7	93
121	An increase in selenium intake improves immune function and poliovirus handling in adults with marginal selenium status. American Journal of Clinical Nutrition, 2004, 80, 154-162.	4.7	329
122	Are there functional consequences of a reduction in selenium intake in UK subjects?. Proceedings of the Nutrition Society, 2004, 63, 513-517.	1.0	18
123	Oxidative Stress in a Novel Model of Chronic Acidosis in LLC-PK1 Cells. Nephron Experimental Nephrology, 2003, 95, e13-e23.	2.2	16
124	Lack of protection of prior heat shock against UV-induced oxidative stress in human skin fibroblasts. Redox Report, 2003, 8, 198-203.	4.5	3
125	Changes in Serum Biochemical Responses during Cardiac Rehabilitation. Medicine and Science in Sports and Exercise, 2003, 35, 741-746.	0.4	1
126	Ischemia and reperfusion of skeletal muscle lead to the appearance of a stable lipid free radical in the circulation. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H2400-H2404.	3.2	22

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127	Skeletal muscles of aged male mice fail to adapt following contractile activity. Biochemical Society Transactions, 2003, 31, 455-456.	3.4	31
128	Marginal Dietary Selenium Intakes in the UK: Are There Functional Consequences?. Journal of Nutrition, 2003, 133, 1557S-1559S.	2.9	25
129	EPR Spectroscopic Evidence of Free Radical Outflow from an Isolated Muscle Bed in Exercising Humans. Advances in Experimental Medicine and Biology, 2003, 540, 297-303.	1.6	10
130	Damage to developing mouse skeletal muscle myotubes in culture: protective effect of heat shock proteins. Journal of Physiology, 2003, 548, 837-846.	2.9	97
131	Effects of micronutrient supplements on u.v.-induced skin damage. Proceedings of the Nutrition Society, 2002, 61, 187-189.	1.0	15
132	Is there a potential therapeutic value of copper and zinc for osteoporosis?. Proceedings of the Nutrition Society, 2002, 61, 181-185.	1.0	149
133	Exercise and skeletal muscle ageing: cellular and molecular mechanisms. Ageing Research Reviews, 2002, 1, 79-93.	10.9	140
134	Antioxidants, reactive oxygen and nitrogen species, gene induction and mitochondrial function. Molecular Aspects of Medicine, 2002, 23, 209-285.	6.4	201
135	UVR-induced oxidative stress in human skin in vivo: effects of oral vitamin C supplementation. Free Radical Biology and Medicine, 2002, 33, 1355-1362.	2.9	108
136	Attenuated HSP70 response in skeletal muscle of aged rats following contractile activity. Muscle and Nerve, 2002, 25, 902-905.	2.2	78
137	Time course of responses of human skeletal muscle to oxidative stress induced by nondamaging exercise. Journal of Applied Physiology, 2001, 90, 1031-1035.	2.5	178
138	Effect of acute zinc depletion on zinc homeostasis and plasma zinc kinetics in men. American Journal of Clinical Nutrition, 2001, 74, 116-124.	4.7	102
139	Adaptation to oxidative stress in ageing. BioFactors, 2001, 15, 121-122.	5.4	0
140	Measurement of free radical production by in vivo microdialysis during ischemia/reperfusion injury to skeletal muscle. Free Radical Biology and Medicine, 2001, 30, 979-985.	2.9	52
141	RENAL TUBULAR PEPTIDE CATABOLISM IN CHRONIC VASCULAR REJECTION. Renal Failure, 2001, 23, 517-531.	2.1	6
142	The Role of Stress Proteins in Protection of Skeletal Muscle against Cell Death. Clinical Science, 2000, 99, 8P-8P.	0.0	0
143	Exercise, oxidative stress and ageing. Journal of Anatomy, 2000, 197, 539-541.	1.5	119
144	Hyperthermia to normal human skinin vivoupregulates heat shock proteins 27, 60, 72i and 90. Journal of Cutaneous Pathology, 2000, 27, 176-182.	1.3	53

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145	Exercise and oxygen radical production by muscle. , 2000, , 57-68.		47
146	Use of Isotopes in the Assessment of Zinc Status. Modern Nutrition, 2000, , 109-115.	0.1	0
147	Kinetic Studies of Whole-body Trace-element Metabolism. Modern Nutrition, 2000, , 81-91.	0.1	2
148	Free radical activity following contraction-induced injury to the extensor digitorum longus muscles of rats. Free Radical Biology and Medicine, 1999, 26, 1085-1091.	2.9	62
149	In vivo microdialysis?A technique for analysis of chemical activators of muscle pain. , 1999, 22, 1047-1052.		10
150	An overview of methods for assessment of free radical activity in biology. Proceedings of the Nutrition Society, 1999, 58, 1001-1006.	1.0	60
151	C-myc is expressed in mouse skeletal muscle nuclei during post-natal maturation. International Journal of Biochemistry and Cell Biology, 1998, 30, 811-821.	2.8	11
152	Programmed cell death in skeletal muscle. Biochemical Society Transactions, 1998, 26, S259-S259.	3.4	5
153	Effect of propylthiouracil-induced hypothyroidism on the onset of skeletal muscle necrosis in dystrophin-deficient mdx mice. Clinical Science, 1998, 95, 83-89.	4.3	11
154	Effect of propylthiouracil-induced hypothyroidism on the onset of skeletal muscle necrosis in dystrophin-deficient mdx mice. Clinical Science, 1998, 95, 83.	4.3	7
155	Dietary polyunsaturated fatty acids, vitamin E and hypoxia/reoxygenation-induced damage to cardiac tissue. Clinica Chimica Acta, 1997, 267, 197-211.	1.1	15
156	In vivo model of muscle pain: Quantification of intramuscular chemical, electrical, and pressure changes associated with saline-induced muscle pain in humans. Pain, 1997, 69, 137-143.	4.2	132
157	Oxidation of carotenoids by free radicals: relationship between structure and reactivity. Biochimica Et Biophysica Acta - General Subjects, 1997, 1336, 33-42.	2.4	339
158	Carotenoids and protection of phospholipids in solution or in liposomes against oxidation by peroxyl radicals: Relationship between carotenoid structure and protective ability. Biochimica Et Biophysica Acta - General Subjects, 1997, 1336, 575-586.	2.4	299
159	Contraction-induced injury to the extensor digitorum longus muscles of rats: the role of vitamin E. Journal of Applied Physiology, 1997, 83, 817-823.	2.5	48
160	The double isotope tracer method is a reliable measure of fractional zinc absorption. European Journal of Clinical Nutrition, 1997, 51, 787-789.	2.9	6
161	Age-related changes in muscle calcium content in dystrophin-deficient mdx mice. , 1997, 20, 357-360.		19
162	Ischemia-reperfusion-induced muscle damage: Protective effect of corticosteroids and antioxidants in rabbits. Acta Orthopaedica, 1996, 67, 393-398.	1.4	42

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163	Oxygen Radical Production and Muscle Damage during Running Exercise. Medicine and Sport Science, 1996, 41, 121-133.	1.4	1
164	Dietary supplementation with carotenoids: effects on Î±-tocopherol levels and susceptibility of tissues to oxidative stress. British Journal of Nutrition, 1996, 76, 307-317.	2.3	74
165	Heat shock protein 70 expression in skeletal muscle. Biochemical Society Transactions, 1996, 24, 485S-485S.	3.4	11
166	Expression of programmed cell death-related genes in dystrophic mdx and control mouse muscle. Biochemical Society Transactions, 1996, 24, 486S-486S.	3.4	5
167	Evidence for free radical generation after primary percutaneous transluminal coronary angioplasty recanalization in acute myocardial infarction. American Journal of Cardiology, 1996, 77, 122-127.	1.6	95
168	A stable isotope study of zinc kinetics in Irish setters with gluten-sensitive enteropathy. British Journal of Nutrition, 1995, 74, 69-76.	2.3	9
169	Expression of c-fos and c-myc in satellite cell cultures from dystrophic mdx and control mouse muscle. Biochemical Society Transactions, 1995, 23, 456S-456S.	3.4	1
170	Expression of the proto-oncogenes c-fos and c-myc in mdx dystrophic mouse muscle. Biochemical Society Transactions, 1995, 23, 131S-131S.	3.4	0
171	Antioxidant activity of carotenoids in phosphatidylcholine vesicles: chemical and structural considerations. Biochemical Society Transactions, 1995, 23, 133S-133S.	3.4	33
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