

Malcolm J Jackson

List of Publications by Year in descending order

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Version: 2024-02-01

209
papers

11,578
citations

28242

55
h-index

33869

99
g-index

210
all docs

210
docs citations

210
times ranked

11863
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Combined transcriptomic, proteomic and synthesis profiling reveal distinct proteostatic signatures for skeletal muscle of adult and old mice. <i>FASEB Journal</i> , 2022, 36, . | 0.2 | 0 |
| 2 | Altered oxidative DNA damage repair systems in muscles of old mice: role in the age-related increase in muscle production of cytokines/chemokines. <i>FASEB Journal</i> , 2022, 36, . | 0.2 | 0 |
| 3 | Redox Control of Signalling Responses to Contractile Activity and Ageing in Skeletal Muscle. <i>Cells</i> , 2022, 11, 1698. | 1.8 | 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?. <i>Free Radical Biology and Medicine</i> , 2021, 177, 88-99. | 1.3 | 14 |
| 5 | On the mechanisms underlying attenuated redox responses to exercise in older individuals: A hypothesis. <i>Free Radical Biology and Medicine</i> , 2020, 161, 326-338. | 1.3 | 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?. <i>Free Radical Biology and Medicine</i> , 2020, 160, 199-207. | 1.3 | 16 |
| 7 | Neuron-specific deletion of CuZnSOD leads to an advanced sarcopenic phenotype in older mice. <i>Aging Cell</i> , 2020, 19, e13225. | 3.0 | 29 |
| 8 | Hydrogen peroxide as a signal for skeletal muscle adaptations to exercise: What do concentrations tell us about potential mechanisms?. <i>Redox Biology</i> , 2020, 35, 101484. | 3.9 | 22 |
| 9 | Mechanistic models to guide redox investigations and interventions in musculoskeletal ageing. <i>Free Radical Biology and Medicine</i> , 2020, 149, 2-7. | 1.3 | 4 |
| 10 | Secretory proteostasis of the retinal pigmented epithelium: Impairment links to age-related macular degeneration. <i>Progress in Retinal and Eye Research</i> , 2020, 79, 100859. | 7.3 | 17 |
| 11 | Genomic Profiling and Physiological Approaches to Understand Aquaporins and their Role in ROS Signalling within Skeletal Muscle. <i>FASEB Journal</i> , 2020, 34, 1-1. | 0.2 | 0 |
| 12 | Accelerated sarcopenia in Cu/Zn superoxide dismutase knockout mice. <i>Free Radical Biology and Medicine</i> , 2019, 132, 19-23. | 1.3 | 51 |
| 13 | Redox responses in skeletal muscle following denervation. <i>Redox Biology</i> , 2019, 26, 101294. | 3.9 | 26 |
| 14 | An Introduction to a Special Issue of <i>Free Radical Biology and Medicine</i> - "Reactive Oxygen Species and Musculoskeletal Aging". <i>Free Radical Biology and Medicine</i> , 2019, 132, 1-2. | 1.3 | 2 |
| 15 | Advanced glycation end products-related modulation of cathepsin L and NF- κ B signalling effectors in retinal pigment epithelium lead to augmented response to TNF α . <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 405-416. | 1.6 | 15 |
| 16 | Aberrant redox signalling and stress response in age-related muscle decline: Role in inter- and intra-cellular signalling. <i>Free Radical Biology and Medicine</i> , 2019, 132, 50-57. | 1.3 | 29 |
| 17 | Redox responses are preserved across muscle fibres with differential susceptibility to aging. <i>Journal of Proteomics</i> , 2018, 177, 112-123. | 1.2 | 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. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 275-295. | 2.5 | 41 |

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|----|---|-----|-----------|
| 19 | Developing a toolkit for the assessment and monitoring of musculoskeletal ageing. <i>Age and Ageing</i> , 2018, 47, iv1-iv19. | 0.7 | 25 |
| 20 | Towards a toolkit for the assessment and monitoring of musculoskeletal ageing. <i>Age and Ageing</i> , 2018, 47, 774-777. | 0.7 | 1 |
| 21 | A new mouse model of frailty: the Cu/Zn superoxide dismutase knockout mouse. <i>GeroScience</i> , 2017, 39, 187-198. | 2.1 | 79 |
| 22 | MiR-23-TrxR1 as a novel molecular axis in skeletal muscle differentiation. <i>Scientific Reports</i> , 2017, 7, 7219. | 1.6 | 37 |
| 23 | Role of nerve-muscle interactions and reactive oxygen species in regulation of muscle proteostasis with ageing. <i>Journal of Physiology</i> , 2017, 595, 6409-6415. | 1.3 | 36 |
| 24 | The Role of Eif6 in Skeletal Muscle Homeostasis Revealed by Endurance Training Co-expression Networks. <i>Cell Reports</i> , 2017, 21, 1507-1520. | 2.9 | 22 |
| 25 | The role of attenuated redox and heat shock protein responses in the age-related decline in skeletal muscle mass and function. <i>Essays in Biochemistry</i> , 2017, 61, 339-348. | 2.1 | 15 |
| 26 | Denervated muscle fibers induce mitochondrial peroxide generation in neighboring innervated fibers: Role in muscle aging. <i>Free Radical Biology and Medicine</i> , 2017, 112, 84-92. | 1.3 | 40 |
| 27 | Role of reactive oxygen species in age-related neuromuscular deficits. <i>Journal of Physiology</i> , 2016, 594, 1979-1988. | 1.3 | 35 |
| 28 | Identification of (poly)phenol treatments that modulate the release of pro-inflammatory cytokines by human lymphocytes. <i>British Journal of Nutrition</i> , 2016, 115, 1699-1710. | 1.2 | 19 |
| 29 | Identification of benzopyrone as a common structural feature in compounds with anti-inflammatory activity in a zebrafish phenotypic screen. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 621-32. | 1.2 | 28 |
| 30 | Reactive oxygen species in sarcopenia: Should we focus on excess oxidative damage or defective redox signalling?. <i>Molecular Aspects of Medicine</i> , 2016, 50, 33-40. | 2.7 | 58 |
| 31 | The effect of lengthening contractions on neuromuscular junction structure in adult and old mice. <i>Age</i> , 2016, 38, 259-272. | 3.0 | 21 |
| 32 | Long-term administration of the mitochondria-targeted antioxidant mitoquinone mesylate fails to attenuate age-related oxidative damage or rescue the loss of muscle mass and function associated with aging of skeletal muscle. <i>FASEB Journal</i> , 2016, 30, 3771-3785. | 0.2 | 40 |
| 33 | Recent advances and long-standing problems in detecting oxidative damage and reactive oxygen species in skeletal muscle. <i>Journal of Physiology</i> , 2016, 594, 5185-5193. | 1.3 | 13 |
| 34 | Mitochondrial ROS regulate oxidative damage and mitophagy but not age-related muscle fiber atrophy. <i>Scientific Reports</i> , 2016, 6, 33944. | 1.6 | 97 |
| 35 | Special Issue "Human performance and redox signaling in health and disease". <i>Free Radical Biology and Medicine</i> , 2016, 98, 1. | 1.3 | 0 |
| 36 | Ageing-induced changes in the redox status of peripheral motor nerves imply an effect on redox signalling rather than oxidative damage. <i>Free Radical Biology and Medicine</i> , 2016, 94, 27-35. | 1.3 | 23 |

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|----|---|-----|-----------|
| 37 | Cellular mechanisms underlying oxidative stress in human exercise. <i>Free Radical Biology and Medicine</i> , 2016, 98, 13-17. | 1.3 | 60 |
| 38 | Chronic Household Air Pollution Exposure Is Associated with Impaired Alveolar Macrophage Function in Malawian Non-Smokers. <i>PLoS ONE</i> , 2015, 10, e0138762. | 1.1 | 13 |
| 39 | In the idiopathic inflammatory myopathies (IIM), do reactive oxygen species (ROS) contribute to muscle weakness?. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1340-1346. | 0.5 | 41 |
| 40 | Redox regulation of muscle adaptations to contractile activity and aging. <i>Journal of Applied Physiology</i> , 2015, 119, 163-171. | 1.2 | 39 |
| 41 | Neuron specific reduction in CuZnSOD is not sufficient to initiate a full sarcopenia phenotype. <i>Redox Biology</i> , 2015, 5, 140-148. | 3.9 | 61 |
| 42 | Age affects the contraction-induced mitochondrial redox response in skeletal muscle. <i>Frontiers in Physiology</i> , 2015, 6, 21. | 1.3 | 15 |
| 43 | Alpha B-crystallin induction in skeletal muscle cells under redox imbalance is mediated by a JNK-dependent regulatory mechanism. <i>Free Radical Biology and Medicine</i> , 2015, 86, 331-342. | 1.3 | 27 |
| 44 | SS-31 attenuates TNF- α induced cytokine release from C2C12 myotubes. <i>Redox Biology</i> , 2015, 6, 253-259. | 3.9 | 36 |
| 45 | Redox proteomic analysis of the gastrocnemius muscle from adult and old mice. <i>Data in Brief</i> , 2015, 4, 344-348. | 0.5 | 11 |
| 46 | Nitric oxide availability is increased in contracting skeletal muscle from aged mice, but does not differentially decrease muscle superoxide. <i>Free Radical Biology and Medicine</i> , 2015, 78, 82-88. | 1.3 | 26 |
| 47 | Skeletal Muscle Contractions Induce Acute Changes in Cytosolic Superoxide, but Slower Responses in Mitochondrial Superoxide and Cellular Hydrogen Peroxide. <i>PLoS ONE</i> , 2014, 9, e96378. | 1.1 | 88 |
| 48 | Redefining the major contributors to superoxide production in contracting skeletal muscle. The role of NAD(P)H oxidases. <i>Free Radical Research</i> , 2014, 48, 12-29. | 1.5 | 137 |
| 49 | Lifelong training preserves some redox-regulated adaptive responses after an acute exercise stimulus in aged human skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2014, 70, 23-32. | 1.3 | 74 |
| 50 | Differential Cysteine Labeling and Global Label-Free Proteomics Reveals an Altered Metabolic State in Skeletal Muscle Aging. <i>Journal of Proteome Research</i> , 2014, 13, 5008-5021. | 1.8 | 99 |
| 51 | Application of redox proteomics to skeletal muscle aging and exercise. <i>Biochemical Society Transactions</i> , 2014, 42, 965-970. | 1.6 | 26 |
| 52 | Neuron-specific expression of CuZnSOD prevents the loss of muscle mass and function that occurs in homozygous CuZnSOD knockout mice. <i>FASEB Journal</i> , 2014, 28, 1666-1681. | 0.2 | 75 |
| 53 | Mitochondrial ROS generation and function in skeletal muscle from older subjects (863.5). <i>FASEB Journal</i> , 2014, 28, 863.5. | 0.2 | 0 |
| 54 | Neuron-specific expression of CuZnSOD prevents the loss of muscle mass and function that occurs in homozygous CuZnSOD knockout mice (1153.3). <i>FASEB Journal</i> , 2014, 28, 1153.3. | 0.2 | 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. <i>FASEB Journal</i> , 2013, 27, 3536-3548. | 0.2 | 57 |
| 56 | Monitoring of Hydrogen Peroxide and Other Reactive Oxygen and Nitrogen Species Generated by Skeletal Muscle. <i>Methods in Enzymology</i> , 2013, 528, 279-300. | 0.4 | 2 |
| 57 | Role of reactive oxygen species in the defective regeneration seen in aging muscle. <i>Free Radical Biology and Medicine</i> , 2013, 65, 317-323. | 1.3 | 50 |
| 58 | Accelerated age-related loss of muscle mass in homozygotic SOD1 knockout mice is not associated with neuronal oxidative damage. <i>Free Radical Biology and Medicine</i> , 2013, 65, S48. | 1.3 | 0 |
| 59 | Aging increases the oxidation of dichlorohydrofluorescein in single isolated skeletal muscle fibers at rest, but not during contractions. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R351-R358. | 0.9 | 48 |
| 60 | Interactions Between Reactive Oxygen Species Generated by Contractile Activity and Aging in Skeletal Muscle?. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 804-812. | 2.5 | 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. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 603-621. | 2.5 | 207 |
| 62 | Polyphenols and phenolic acids modulate inflammatory cytokine release by Jurkat human CD4+ T cells. <i>FASEB Journal</i> , 2013, 27, 348.5. | 0.2 | 0 |
| 63 | Adaptive cytoprotective responses of motor neuron cells to reactive oxygen species generation by muscle cells, in co-culture. <i>FASEB Journal</i> , 2013, 27, 919.2. | 0.2 | 0 |
| 64 | In vitro susceptibility of thioredoxins and glutathione to redox modification and aging-related changes in skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2012, 53, 2017-2027. | 1.3 | 24 |
| 65 | A simple protocol for the subcellular fractionation of skeletal muscle cells and tissue. <i>BMC Research Notes</i> , 2012, 5, 513. | 0.6 | 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?. <i>Longevity & Healthspan</i> , 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. <i>Free Radical Research</i> , 2012, 46, 30-40. | 1.5 | 24 |
| 68 | Tissue-dependent changes in oxidative damage with male reproductive effort in house mice. <i>Functional Ecology</i> , 2012, 26, 423-433. | 1.7 | 57 |
| 69 | In vivo studies of motor nerve regrowth following skeletal muscle damage by lengthening contractions. <i>FASEB Journal</i> , 2012, 26, 1141.4. | 0.2 | 0 |
| 70 | Control of Reactive Oxygen Species Production in Contracting Skeletal Muscle. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2477-2486. | 2.5 | 114 |
| 71 | Reactive Oxygen Species: Impact on Skeletal Muscle. , 2011, 1, 941-969. | | 346 |
| 72 | Role of superoxide-nitric oxide interactions in the accelerated age-related loss of muscle mass in mice lacking Cu,Zn superoxide dismutase. <i>Aging Cell</i> , 2011, 10, 749-760. | 3.0 | 57 |

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|----|--|-----|-----------|
| 73 | Age-related changes in skeletal muscle reactive oxygen species generation and adaptive responses to reactive oxygen species. <i>Journal of Physiology</i> , 2011, 589, 2139-2145. | 1.3 | 142 |
| 74 | Is oxidative stress a physiological cost of reproduction? An experimental test in house mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1098-1106. | 1.2 | 108 |
| 75 | The effects of L-NAME on neuronal NOS and SOD1 expression in the DRG spinal cord network of axotomised Thy 1.2 eGFP mice. <i>Neuron Glia Biology</i> , 2011, 7, 129-141. | 2.0 | 3 |
| 76 | Reactive Oxygen Species Generation and Skeletal Muscle Wasting – 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. <i>Age</i> , 2010, 32, 209-222. | 3.0 | 37 |
| 79 | The age-related failure of adaptive responses to contractile activity in skeletal muscle is mimicked in young mice by deletion of Cu,Zn superoxide dismutase. <i>Aging Cell</i> , 2010, 9, 979-990. | 3.0 | 48 |
| 80 | Redox regulation in skeletal muscle during contractile activity and aging 1. <i>Journal of Animal Science</i> , 2010, 88, 1307-1313. | 0.2 | 27 |
| 81 | Characterisation of the Expression of the Renin-Angiotensin System in Primary and Immortalised Human Renal Proximal Tubular Cells. <i>Nephron Experimental Nephrology</i> , 2010, 116, e53-e61. | 2.4 | 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. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R268-R276. | 0.9 | 35 |
| 83 | Redox regulation of adaptive responses in skeletal muscle to contractile activity. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1267-1275. | 1.3 | 67 |
| 84 | Strategies for reducing oxidative damage in ageing skeletal muscle. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 1363-1368. | 6.6 | 26 |
| 85 | Skeletal muscle aging: Role of reactive oxygen species. <i>Critical Care Medicine</i> , 2009, 37, S368-S371. | 0.4 | 34 |
| 86 | Redox regulation of skeletal muscle. <i>IUBMB Life</i> , 2008, 60, 497-501. | 1.5 | 44 |
| 87 | Repeated bouts of aerobic exercise lead to reductions in skeletal muscle free radical generation and nuclear factor κ B activation. <i>Journal of Physiology</i> , 2008, 586, 3979-3990. | 1.3 | 88 |
| 88 | Free radicals generated by contracting muscle: By-products of metabolism or key regulators of muscle function?. <i>Free Radical Biology and Medicine</i> , 2008, 44, 132-141. | 1.3 | 125 |
| 89 | <i>In Situ</i> Detection and Measurement of Intracellular Reactive Oxygen Species in Single Isolated Mature Skeletal Muscle Fibers by Real Time Fluorescence Microscopy. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1463-1474. | 2.5 | 92 |
| 90 | Prolonged treadmill training increases HSP70 in skeletal muscle but does not affect age-related functional deficits. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R568-R576. | 0.9 | 28 |

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|-----|---|------|-----------|
| 91 | Exercise-Induced Oxidative Stress: Cellular Mechanisms and Impact on Muscle Force Production. <i>Physiological Reviews</i> , 2008, 88, 1243-1276. | 13.1 | 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. <i>Rejuvenation Research</i> , 2008, 11, 1021-1030. | 0.9 | 29 |
| 93 | The Use of In Vivo Microdialysis Techniques to Detect Extracellular ROS in Resting and Contracting Skeletal Muscle. <i>Methods in Molecular Biology</i> , 2008, 477, 123-136. | 0.4 | 7 |
| 94 | The production of reactive oxygen and nitrogen species by skeletal muscle. <i>Journal of Applied Physiology</i> , 2007, 102, 1664-1670. | 1.2 | 167 |
| 95 | Markers of oxidative stress in the skeletal muscle of patients on haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 1177-1183. | 0.4 | 41 |
| 96 | Albumin overload induces adaptive responses in human proximal tubular cells through oxidative stress but not via angiotensin II type 1 receptor. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, F1846-F1857. | 1.3 | 28 |
| 97 | Conjugated linoleic acids modulate UVR-induced IL-8 and PGE2 in human skin cells: potential of CLA isomers in nutritional photoprotection. <i>Carcinogenesis</i> , 2007, 28, 1329-1333. | 1.3 | 21 |
| 98 | Formation of 3-nitrotyrosines in carbonic anhydrase III is a sensitive marker of oxidative stress in skeletal muscle. <i>Proteomics - Clinical Applications</i> , 2007, 1, 362-372. | 0.8 | 36 |
| 99 | Real-time measurement of nitric oxide in single mature mouse skeletal muscle fibres during contractions. <i>Journal of Physiology</i> , 2007, 581, 309-318. | 1.3 | 85 |
| 100 | Release of superoxide from skeletal muscle of adult and old mice: an experimental test of the reductive hotspot hypothesis. <i>Aging Cell</i> , 2007, 6, 189-195. | 3.0 | 31 |
| 101 | Microdialysis as a window on interstitial reactive oxygen species in human tissues? A commentary on "Antioxidant supplementation enhances the exercise-induced increase in mitochondrial uncoupling protein 3 and endothelial nitric oxide synthase mRNA content in human skeletal muscle," by Hellsten et al.. <i>Free Radical Biology and Medicine</i> , 2007, 43, 351-352. | 1.3 | 1 |
| 102 | Lack of shedding of the RIX4414 live attenuated rotavirus vaccine administered to adult volunteers. <i>Archives of Virology</i> , 2007, 152, 1951-1954. | 0.9 | 5 |
| 103 | Free radical generation by skeletal muscle of adult and old mice: effect of contractile activity. <i>Aging Cell</i> , 2006, 5, 109-117. | 3.0 | 180 |
| 104 | Lack of CuZnSOD activity: A pointer to the mechanisms underlying age-related loss of muscle function. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1900-1902. | 1.3 | 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. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1719-1725. | 1.3 | 37 |
| 106 | HSF expression in skeletal muscle during myogenesis: Implications for failed regeneration in old mice. <i>Experimental Gerontology</i> , 2006, 41, 497-500. | 1.2 | 24 |
| 107 | Effect of lifelong overexpression of HSP70 in skeletal muscle on age-related oxidative stress and adaptation after nondamaging contractile activity. <i>FASEB Journal</i> , 2006, 20, 1549-1551. | 0.2 | 146 |
| 108 | Measurement of intracellular reactive oxygen species in mature single skeletal muscle fibres by dichlorofluorescein-based fluorescence microscopy. <i>FASEB Journal</i> , 2006, 20, A1456. | 0.2 | 0 |

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|-----|---|-----|-----------|
| 109 | Increased Generation of Intracellular Nitric Oxide During Contraction of Isolated Skeletal Muscle Fibres. <i>FASEB Journal</i> , 2006, 20, A1456. | 0.2 | 0 |
| 110 | Eicosapentaenoic Acid and Docosahexaenoic Acid Reduce UVB- and TNF- α -induced IL-8 Secretion in Keratinocytes and UVB-induced IL-8 in Fibroblasts. <i>Journal of Investigative Dermatology</i> , 2005, 124, 248-255. | 0.3 | 85 |
| 111 | Intracellular generation of reactive oxygen species by contracting skeletal muscle cells. <i>Free Radical Biology and Medicine</i> , 2005, 39, 651-657. | 1.3 | 107 |
| 112 | Microdialysis studies of extracellular reactive oxygen species in skeletal muscle: Factors influencing the reduction of cytochrome c and hydroxylation of salicylate. <i>Free Radical Biology and Medicine</i> , 2005, 39, 1460-1467. | 1.3 | 46 |
| 113 | Use of Microdialysis to Study Interstitial Nitric Oxide and Other Reactive Oxygen and Nitrogen Species in Skeletal Muscle. <i>Methods in Enzymology</i> , 2005, 396, 514-525. | 0.4 | 4 |
| 114 | Reactive oxygen species and redox-regulation of skeletal muscle adaptations to exercise. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 2285-2291. | 1.8 | 102 |
| 115 | Contraction-Induced Oxidants as Mediators of Adaptation and Damage in Skeletal Muscle. <i>Exercise and Sport Sciences Reviews</i> , 2004, 32, 14-18. | 1.6 | 40 |
| 116 | Overexpression of HSP70 in mouse skeletal muscle protects against muscle damage and age-related muscle dysfunction. <i>FASEB Journal</i> , 2004, 18, 1-12. | 0.2 | 225 |
| 117 | Preconditioning of skeletal muscle against contraction-induced damage: the role of adaptations to oxidants in mice. <i>Journal of Physiology</i> , 2004, 561, 233-244. | 1.3 | 107 |
| 118 | Release of reactive oxygen and nitrogen species from contracting skeletal muscle cells. <i>Free Radical Biology and Medicine</i> , 2004, 37, 1064-1072. | 1.3 | 169 |
| 119 | Vitamin E and the Oxidative Stress of Exercise. <i>Annals of the New York Academy of Sciences</i> , 2004, 1031, 158-168. | 1.8 | 58 |
| 120 | Effects of oral vitamin E and β -carotene supplementation on ultraviolet radiation-induced oxidative stress in human skin. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 1270-1275. | 2.2 | 93 |
| 121 | An increase in selenium intake improves immune function and poliovirus handling in adults with marginal selenium status. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 154-162. | 2.2 | 329 |
| 122 | Are there functional consequences of a reduction in selenium intake in UK subjects?. <i>Proceedings of the Nutrition Society</i> , 2004, 63, 513-517. | 0.4 | 18 |
| 123 | Oxidative Stress in a Novel Model of Chronic Acidosis in LLC-PK1 Cells. <i>Nephron Experimental Nephrology</i> , 2003, 95, e13-e23. | 2.4 | 16 |
| 124 | Lack of protection of prior heat shock against UV-induced oxidative stress in human skin fibroblasts. <i>Redox Report</i> , 2003, 8, 198-203. | 1.4 | 3 |
| 125 | Changes in Serum Biochemical Responses during Cardiac Rehabilitation. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 741-746. | 0.2 | 1 |
| 126 | Ischemia and reperfusion of skeletal muscle lead to the appearance of a stable lipid free radical in the circulation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H2400-H2404. | 1.5 | 22 |

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|-----|--|-----|-----------|
| 127 | Skeletal muscles of aged male mice fail to adapt following contractile activity. <i>Biochemical Society Transactions</i> , 2003, 31, 455-456. | 1.6 | 31 |
| 128 | Marginal Dietary Selenium Intakes in the UK: Are There Functional Consequences?. <i>Journal of Nutrition</i> , 2003, 133, 1557S-1559S. | 1.3 | 25 |
| 129 | EPR Spectroscopic Evidence of Free Radical Outflow from an Isolated Muscle Bed in Exercising Humans. <i>Advances in Experimental Medicine and Biology</i> , 2003, 540, 297-303. | 0.8 | 10 |
| 130 | Damage to developing mouse skeletal muscle myotubes in culture: protective effect of heat shock proteins. <i>Journal of Physiology</i> , 2003, 548, 837-846. | 1.3 | 97 |
| 131 | Effects of micronutrient supplements on u.v.-induced skin damage. <i>Proceedings of the Nutrition Society</i> , 2002, 61, 187-189. | 0.4 | 15 |
| 132 | Is there a potential therapeutic value of copper and zinc for osteoporosis?. <i>Proceedings of the Nutrition Society</i> , 2002, 61, 181-185. | 0.4 | 149 |
| 133 | Exercise and skeletal muscle ageing: cellular and molecular mechanisms. <i>Ageing Research Reviews</i> , 2002, 1, 79-93. | 5.0 | 140 |
| 134 | Antioxidants, reactive oxygen and nitrogen species, gene induction and mitochondrial function. <i>Molecular Aspects of Medicine</i> , 2002, 23, 209-285. | 2.7 | 201 |
| 135 | UVR-induced oxidative stress in human skin in vivo: effects of oral vitamin C supplementation. <i>Free Radical Biology and Medicine</i> , 2002, 33, 1355-1362. | 1.3 | 108 |
| 136 | Attenuated HSP70 response in skeletal muscle of aged rats following contractile activity. <i>Muscle and Nerve</i> , 2002, 25, 902-905. | 1.0 | 78 |
| 137 | Time course of responses of human skeletal muscle to oxidative stress induced by nondamaging exercise. <i>Journal of Applied Physiology</i> , 2001, 90, 1031-1035. | 1.2 | 178 |
| 138 | Effect of acute zinc depletion on zinc homeostasis and plasma zinc kinetics in men. <i>American Journal of Clinical Nutrition</i> , 2001, 74, 116-124. | 2.2 | 102 |
| 139 | Adaptation to oxidative stress in ageing. <i>BioFactors</i> , 2001, 15, 121-122. | 2.6 | 0 |
| 140 | Measurement of free radical production by in vivo microdialysis during ischemia/reperfusion injury to skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2001, 30, 979-985. | 1.3 | 52 |
| 141 | RENAL TUBULAR PEPTIDE CATABOLISM IN CHRONIC VASCULAR REJECTION. <i>Renal Failure</i> , 2001, 23, 517-531. | 0.8 | 6 |
| 142 | The Role of Stress Proteins in Protection of Skeletal Muscle against Cell Death. <i>Clinical Science</i> , 2000, 99, 8P-8P. | 0.0 | 0 |
| 143 | Exercise, oxidative stress and ageing. <i>Journal of Anatomy</i> , 2000, 197, 539-541. | 0.9 | 119 |
| 144 | Hyperthermia to normal human skin in vivo upregulates heat shock proteins 27, 60, 72i and 90. <i>Journal of Cutaneous Pathology</i> , 2000, 27, 176-182. | 0.7 | 53 |

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| 145 | Exercise and oxygen radical production by muscle. , 2000, , 57-68. | | 47 |
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