

Mark Andrew Tarnopolsky

List of Publications by Year in descending order

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Version: 2024-02-01

359
papers

21,705
citations

6254

80
h-index

12597

132
g-index

369
all docs

369
docs citations

369
times ranked

21831
citing authors

#	ARTICLE	IF	CITATIONS
1	Ontario Newborn Screening for Spinal Muscular Atrophy: The First Year. <i>Canadian Journal of Neurological Sciences</i> , 2022, 49, 821-823.	0.5	7
2	Immune-mediated necrotizing myopathy after <sc>BNT162b2</sc> vaccination in a patient with antibodies against receptor-binding domain of <sc>SARS-CoV-2</sc> and signal recognition particle. <i>Muscle and Nerve</i> , 2022, 65, .	2.2	11
3	Effects of an acute exercise bout in hypoxia on extracellular vesicle release in healthy and prediabetic subjects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 322, R112-R122.	1.8	14
4	Caffeine blocks SREBP2-induced hepatic PCSK9 expression to enhance LDLR-mediated cholesterol clearance. <i>Nature Communications</i> , 2022, 13, 770.	12.8	47
5	Possible association between rhabdomyolysis and mRNA SARS-CoV-2 vaccination in a patient with <i>RYR1</i> gene mutation. <i>Cmaj</i> , 2022, 194, E252-E256.	2.0	9
6	Pre- and Postnatal Characterization of Autosomal Recessive KIDINS220-Associated Ventriculomegaly. <i>Molecular Syndromology</i> , 2022, 13, 419-424.	0.8	1
7	Aerobic exercise elicits clinical adaptations in myotonic dystrophy type 1 patients independently of pathophysiological changes. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	21
8	Life-long exercise training and inherited aerobic endurance capacity produce converging gut microbiome signatures in rodents. <i>Physiological Reports</i> , 2022, 10, e15215.	1.7	3
9	Functional characterization of variants of unknown significance in a spinocerebellar ataxia patient using an unsupervised machine learning pipeline. <i>Human Genome Variation</i> , 2022, 9, 10.	0.7	2
10	Genetic, structural and clinical analysis of spastic paraplegia 4. <i>Parkinsonism and Related Disorders</i> , 2022, 98, 62-69.	2.2	7
11	Multi-Ingredient Supplement Supports Mitochondrial Health through Interleukin-15 Signaling in Older Adult Human Dermal Fibroblasts. <i>Cosmetics</i> , 2022, 9, 47.	3.3	0
12	Heterozygous frameshift variants in HNRNPA2B1 cause early-onset oculopharyngeal muscular dystrophy. <i>Nature Communications</i> , 2022, 13, 2306.	12.8	20
13	Cerebrospinal fluid and plasma metabolomics of acute endurance exercise. <i>FASEB Journal</i> , 2022, 36, .	0.5	9
14	Nutritional co-therapy with 1,3-butanediol and multi-ingredient antioxidants enhances autophagic clearance in Pompe disease. <i>Molecular Genetics and Metabolism</i> , 2022, 137, 228-240.	1.1	6
15	Newborn Screening for Spinal Muscular Atrophy: Ontario Testing and Follow-up Recommendations. <i>Canadian Journal of Neurological Sciences</i> , 2021, 48, 504-511.	0.5	18
16	Management of mitochondrial diabetes in the era of novel therapies. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107584.	2.3	25
17	Comprehensive genetic sequence and copy number analysis for Charcot-Marie-Tooth disease in a Canadian cohort of 2517 patients. <i>Journal of Medical Genetics</i> , 2021, 58, 284-288.	3.2	20
18	A biallelic pathogenic variant in the <sc><i>OGDH</i></sc> gene results in a neurological disorder with features of a mitochondrial disease. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 388-400.	3.6	24

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19	Mitochondrial neuropathy and neurogenic features in mitochondrial myopathy. <i>Mitochondrion</i> , 2021, 56, 52-61.	3.4	13
20	An autosomal dominant neurological disorder caused by de novo variants in FAR1 resulting in uncontrolled synthesis of ether lipids. <i>Genetics in Medicine</i> , 2021, 23, 740-750.	2.4	25
21	Acute, Exercise-Induced Alterations in Cytokines and Chemokines in the Blood Distinguish Physically Active and Sedentary Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 811-818.	3.6	13
22	Variants in GNAI1 cause a syndrome associated with variable features including developmental delay, seizures, and hypotonia. <i>Genetics in Medicine</i> , 2021, 23, 881-887.	2.4	13
23	A pathogenic UFSP2 variant in an autosomal recessive form of pediatric neurodevelopmental anomalies and epilepsy. <i>Genetics in Medicine</i> , 2021, 23, 900-908.	2.4	14
24	POLRMT mutations impair mitochondrial transcription causing neurological disease. <i>Nature Communications</i> , 2021, 12, 1135.	12.8	21
25	Evidence for Non-Mendelian Inheritance in Spastic Paraplegia 7. <i>Movement Disorders</i> , 2021, 36, 1664-1675.	3.9	11
26	Human skeletal muscle fiber type-specific responses to sprint interval and moderate-intensity continuous exercise: acute and training-induced changes. <i>Journal of Applied Physiology</i> , 2021, 130, 1001-1014.	2.5	19
27	Impaired Function and Altered Morphology in the Skeletal Muscles of Adult Men and Women With Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 2405-2422.	3.6	16
28	Childhood amyotrophic lateral sclerosis caused by excess sphingolipid synthesis. <i>Nature Medicine</i> , 2021, 27, 1197-1204.	30.7	96
29	Normal to enhanced intrinsic mitochondrial respiration in skeletal muscle of middle- to older-aged women and men with uncomplicated type 1 diabetes. <i>Diabetologia</i> , 2021, 64, 2517-2533.	6.3	7
30	Alterations in Skeletal Muscle Repair in Young Adults with Type 1 Diabetes Mellitus. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C876-C883.	4.6	7
31	ABHD16A deficiency causes a complicated form of hereditary spastic paraplegia associated with intellectual disability and cerebral anomalies. <i>American Journal of Human Genetics</i> , 2021, 108, 2017-2023.	6.2	9
32	Dual molecular diagnoses in a neurometabolic specialty clinic. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 766-773.	1.2	8
33	A Novel Multi-Ingredient Supplement Activates a Browning Program in White Adipose Tissue and Mitigates Weight Gain in High-Fat Diet-Fed Mice. <i>Nutrients</i> , 2021, 13, 3726.	4.1	8
34	Severe chorioretinal atrophy in Boucher-Neuhauser syndrome. <i>Canadian Journal of Ophthalmology</i> , 2020, 55, e26-e28.	0.7	5
35	Neurodevelopmental and associated changes in a patient with Xp22.31 duplication. <i>Neurological Sciences</i> , 2020, 41, 713-716.	1.9	2
36	Expanding the Phenotype: Neurodevelopmental Disorder, Mitochondrial, With Abnormal Movements and Lactic Acidosis, With or Without Seizures (NEMMLAS) Due to WARS2 Biallelic Variants, Encoding Mitochondrial Tryptophanyl-tRNA Synthase. <i>Journal of Child Neurology</i> , 2020, 35, 176-177.	1.4	0

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37	Choline transporter-like 1 deficiency causes a new type of childhood-onset neurodegeneration. <i>Brain</i> , 2020, 143, 94-111.	7.6	18
38	Muscle and serum myostatin expression in type 1 diabetes. <i>Physiological Reports</i> , 2020, 8, e14500.	1.7	12
39	Assessing non-Mendelian inheritance in inherited axonopathies. <i>Genetics in Medicine</i> , 2020, 22, 2114-2119.	2.4	15
40	Bone marrow-derived mitochondrial DNA has limited capacity for inter-tissue transfer in vivo. <i>FASEB Journal</i> , 2020, 34, 9297-9306.	0.5	5
41	A Five-Ingredient Nutritional Supplement and Home-Based Resistance Exercise Improve Lean Mass and Strength in Free-Living Elderly. <i>Nutrients</i> , 2020, 12, 2391.	4.1	45
42	Validation and clinical performance of a combined nuclear-mitochondrial next-generation sequencing and copy number variant analysis panel in a Canadian population. <i>American Journal of Medical Genetics, Part A</i> , 2020, 185, 486-499.	1.2	7
43	A mitochondrial disorder with ptosis and exercise intolerance without ophthalmoparesis secondary to m.5865A>G variant. <i>Mitochondrion</i> , 2020, 53, 150-153.	3.4	1
44	Expanding Clinical Presentations Due to Variations in THOC2 mRNA Nuclear Export Factor. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 12.	2.9	12
45	Response to –Relation between intra-mitochondrial inclusions and pathophysiology of mitochondrial myopathy remains unprecise. <i>Journal of the Neurological Sciences</i> , 2020, 414, 116895.	0.6	0
46	Intracellular calcium leak as a therapeutic target for RYR1-related myopathies. <i>Acta Neuropathologica</i> , 2020, 139, 1089-1104.	7.7	32
47	Increased intra-mitochondrial lipofuscin aggregates with spherical dense body formation in mitochondrial myopathy. <i>Journal of the Neurological Sciences</i> , 2020, 413, 116816.	0.6	9
48	Congenital myasthenic syndrome-associated agrin variants affect clustering of acetylcholine receptors in a domain-specific manner. <i>JCI Insight</i> , 2020, 5, .	5.0	15
49	Lessons of the month: A breathless severe asthmatic in the genomic era: Occam's razor or Hickam's dictum?. <i>Clinical Medicine</i> , 2020, 20, e264-e266.	1.9	3
50	Obesity and muscle-macrophage crosstalk in humans and mice: A systematic review. <i>Obesity Reviews</i> , 2019, 20, 1572-1596.	6.5	7
51	Expanding the Phenotype: Neurodevelopmental Disorder, Mitochondrial, With Abnormal Movements and Lactic Acidosis, With or Without Seizures (NEMMLAS) due to WARS2 Biallelic Variants, Encoding Mitochondrial Tryptophanyl-tRNA Synthase. <i>Journal of Child Neurology</i> , 2019, 34, 778-781.	1.4	8
52	Muscle problems in juvenile-onset acid maltase deficiency (Pompe disease). <i>Paediatrics and Child Health</i> , 2019, 24, 270-271.	0.6	2
53	Expanding the Clinical Spectrum of LONP1-Related Mitochondrial Cytopathy. <i>Frontiers in Neurology</i> , 2019, 10, 981.	2.4	11
54	Effect of short-term, high-intensity exercise training on human skeletal muscle citrate synthase maximal activity: single versus multiple bouts per session. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 1391-1394.	1.9	5

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55	Nutrition for Special Populations: Young, Female, and Masters Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 220-227.	2.1	47
56	Statin administration activates system xC ⁺ in skeletal muscle: a potential mechanism explaining statin-induced muscle pain. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C894-C899.	4.6	6
57	Genotypes of chronic progressive external ophthalmoplegia in a large adult-onset cohort. <i>Mitochondrion</i> , 2019, 49, 227-231.	3.4	20
58	Diagnosis of “possible” mitochondrial disease: an existential crisis. <i>Journal of Medical Genetics</i> , 2019, 56, 123-130.	3.2	42
59	Lifelong aerobic exercise protects against inflammaging and cancer. <i>PLoS ONE</i> , 2019, 14, e0210863.	2.5	60
60	Paraspinal muscle ladybird homeobox 1 (LBX1) in adolescent idiopathic scoliosis: a cross-sectional study. <i>Spine Journal</i> , 2019, 19, 1911-1916.	1.3	15
61	Mitochondria and Aging—The Role of Exercise as a Countermeasure. <i>Biology</i> , 2019, 8, 40.	2.8	58
62	Myasthenia graves-like symptoms associated with rare mitochondrial mutation (m.5728T>C). <i>Mitochondrion</i> , 2019, 47, 139-140.	3.4	5
63	Neurogenic Muscle Biopsy Findings Are Common in Mitochondrial Myopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 508-514.	1.7	12
64	Diagnostic Utility of Genome-wide DNA Methylation Testing in Genetically Unsolved Individuals with Suspected Hereditary Conditions. <i>American Journal of Human Genetics</i> , 2019, 104, 685-700.	6.2	125
65	Truncating Mutations in UBAP1 Cause Hereditary Spastic Paraplegia. <i>American Journal of Human Genetics</i> , 2019, 104, 767-773.	6.2	39
66	Expanding the Boundaries of RNA Sequencing as a Diagnostic Tool for Rare Mendelian Disease. <i>American Journal of Human Genetics</i> , 2019, 104, 466-483.	6.2	176
67	An evaluation of genetic causes and environmental risks for bilateral optic atrophy. <i>PLoS ONE</i> , 2019, 14, e0225656.	2.5	9
68	Clinical features related to statin-associated muscle symptoms. <i>Muscle and Nerve</i> , 2019, 59, 537-543.	2.2	12
69	Complete elimination of a pathogenic homoplasmic mtDNA mutation in one generation. <i>Mitochondrion</i> , 2019, 45, 18-21.	3.4	1
70	CPEO “Like mitochondrial myopathy associated with m.8340G>A mutation. <i>Mitochondrion</i> , 2019, 46, 69-72.	3.4	5
71	Clinical and demographic features of chronic progressive external ophthalmoplegia in a large adult-onset cohort. <i>Mitochondrion</i> , 2019, 44, 15-19.	3.4	20
72	Loss of the sphingolipid desaturase DEGS1 causes hypomyelinating leukodystrophy. <i>Journal of Clinical Investigation</i> , 2019, 129, 1240-1256.	8.2	68

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73	Nutrition and exercise in Pompe disease. <i>Annals of Translational Medicine</i> , 2019, 7, 282-282.	1.7	12
74	An evaluation of genetic causes and environmental risks for bilateral optic atrophy. , 2019, 14, e0225656.		0
75	An evaluation of genetic causes and environmental risks for bilateral optic atrophy. , 2019, 14, e0225656.		0
76	An evaluation of genetic causes and environmental risks for bilateral optic atrophy. , 2019, 14, e0225656.		0
77	An evaluation of genetic causes and environmental risks for bilateral optic atrophy. , 2019, 14, e0225656.		0
78	Skeletal muscle fiber-type-specific changes in markers of capillary and mitochondrial content after low-volume interval training in overweight women. <i>Physiological Reports</i> , 2018, 6, e13597.	1.7	28
79	The prognosis for glycemic status among children and youth with obesity 2 years after entering a weight management program. <i>Pediatric Diabetes</i> , 2018, 19, 874-881.	2.9	7
80	Altered mitochondrial bioenergetics and ultrastructure in the skeletal muscle of young adults with type 1 diabetes. <i>Diabetologia</i> , 2018, 61, 1411-1423.	6.3	72
81	Next-Generation Sequencing to Diagnose Muscular Dystrophy, Rhabdomyolysis, and HyperCKemia. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, 262-268.	0.5	26
82	POLR3A variants in hereditary spastic paraplegia and ataxia. <i>Brain</i> , 2018, 141, e1-e1.	7.6	17
83	Exosomes as Mediators of the Systemic Adaptations to Endurance Exercise. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a029827.	6.2	136
84	The genotypic and phenotypic spectrum of MTO1 deficiency. <i>Molecular Genetics and Metabolism</i> , 2018, 123, 28-42.	1.1	24
85	BAFopathiesâ€™ DNA methylation epi-signatures demonstrate diagnostic utility and functional continuum of Coffinâ€™Siris and Nicolaidesâ€™Baraitser syndromes. <i>Nature Communications</i> , 2018, 9, 4885.	12.8	83
86	Myopathies Related to Glycogen Metabolism Disorders. <i>Neurotherapeutics</i> , 2018, 15, 915-927.	4.4	47
87	Novel Association of a De Novo <i>CALM2</i> Mutation With Long QT Syndrome and Hypertrophic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002255.	3.6	10
88	Blunted satellite cell response is associated with dysregulated IGF-1 expression after exercise with age. <i>European Journal of Applied Physiology</i> , 2018, 118, 2225-2231.	2.5	7
89	Aberrant Drp1-mediated mitochondrial division presents in humans with variable outcomes. <i>Human Molecular Genetics</i> , 2018, 27, 3710-3719.	2.9	34
90	Severe neurocognitive and growth disorders due to variation in <i>THOC2</i> , an essential component of nuclear mRNA export machinery. <i>Human Mutation</i> , 2018, 39, 1126-1138.	2.5	28

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91	Molecular characterization of NRXN1 deletions from 19,263 clinical microarray cases identifies exons important for neurodevelopmental disease expression. <i>Genetics in Medicine</i> , 2017, 19, 53-61.	2.4	70
92	Effect of sex on the acute skeletal muscle response to sprint interval exercise. <i>Experimental Physiology</i> , 2017, 102, 354-365.	2.0	31
93	Perspectives on Exertional Rhabdomyolysis. <i>Sports Medicine</i> , 2017, 47, 33-49.	6.5	94
94	<i>GRIN2B</i> encephalopathy: novel findings on phenotype, variant clustering, functional consequences and treatment aspects. <i>Journal of Medical Genetics</i> , 2017, 54, 460-470.	3.2	190
95	A mutation in the TMEM65 gene results in mitochondrial myopathy with severe neurological manifestations. <i>European Journal of Human Genetics</i> , 2017, 25, 744-751.	2.8	21
96	<i>TRMT5</i> mutations are associated with features of complex hereditary spastic paraparesis. <i>Neurology</i> , 2017, 89, 2210-2211.	1.1	15
97	Higher oxidative stress in skeletal muscle of McArdle disease patients. <i>Molecular Genetics and Metabolism Reports</i> , 2017, 12, 69-75.	1.1	10
98	Patient care standards for primary mitochondrial disease: a consensus statement from the Mitochondrial Medicine Society. <i>Genetics in Medicine</i> , 2017, 19, 1380-1397.	2.4	173
99	Clinical Manifestations Associated With the N-Terminal-Acetyltransferase NAA10 Gene Mutation in a Girl: Ogden Syndrome. <i>Pediatric Neurology</i> , 2017, 76, 82-85.	2.1	20
100	Response to Newman et al.. <i>Genetics in Medicine</i> , 2017, 19, 1380-1380.	2.4	3
101	Cardiopulmonary Exercise Testing Reflects Improved Exercise Capacity in Response to Treatment in Morquio A Patients: Results of a 52-Week Pilot Study of Two Different Doses of Elosulfase Alfa. <i>JIMD Reports</i> , 2017, 42, 9-17.	1.5	4
102	Optimizing the methodology for measuring supraclavicular skin temperature using infrared thermography; implications for measuring brown adipose tissue activity in humans. <i>Scientific Reports</i> , 2017, 7, 11934.	3.3	19
103	Spinocerebellar ataxia type 29 due to mutations in ITPR1: a case series and review of this emerging congenital ataxia. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 121.	2.7	42
104	Males With MECP2 C-terminal-Related Atypical Rett Syndromes and Their Carrier Mothers. <i>Pediatric Neurology</i> , 2017, 67, 98-101.	2.1	2
105	Myostatin inhibitor ACE031 treatment of ambulatory boys with Duchenne muscular dystrophy: Results of a randomized, placebo-controlled clinical trial. <i>Muscle and Nerve</i> , 2017, 55, 458-464.	2.2	176
106	Superior mitochondrial adaptations in human skeletal muscle after interval compared to continuous single-leg cycling matched for total work. <i>Journal of Physiology</i> , 2017, 595, 2955-2968.	2.9	148
107	Complex IV. , 2016, , 279-285.		0
108	Chronic Progressive External Ophthalmoplegia (CPEO). , 2016, , 49-53.		0

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109	Complex I Deficiency. , 2016, , 257-264.		0
110	Twelve Weeks of Sprint Interval Training Improves Indices of Cardiometabolic Health Similar to Traditional Endurance Training despite a Five-Fold Lower Exercise Volume and Time Commitment. PLoS ONE, 2016, 11, e0154075.	2.5	246
111	Targeted Re-Sequencing Emulsion PCR Panel for Myopathies: Results in 94 Cases. Journal of Neuromuscular Diseases, 2016, 3, 209-225.	2.6	18
112	Genetic Myopathies Initially Diagnosed and Treated as Inflammatory Myopathy. Canadian Journal of Neurological Sciences, 2016, 43, 381-384.	0.5	8
113	The potential of endurance exercise-derived exosomes to treat metabolic diseases. Nature Reviews Endocrinology, 2016, 12, 504-517.	9.6	313
114	De novo mutations in CSNK2A1 are associated with neurodevelopmental abnormalities and dysmorphic features. Human Genetics, 2016, 135, 699-705.	3.8	47
115	Pompe Disease: Diagnosis and Management. Evidence-Based Guidelines from a Canadian Expert Panel. Canadian Journal of Neurological Sciences, 2016, 43, 472-485.	0.5	54
116	Two novel mitochondrial tRNA mutations, A7495G (tRNASer(UCN)) and C5577T (tRNATrp), are associated with seizures and cardiac dysfunction. Mitochondrion, 2016, 31, 40-44.	3.4	5
117	Salsalate (Salicylate) Uncouples Mitochondria, Improves Glucose Homeostasis, and Reduces Liver Lipids Independent of AMPK- β 1. Diabetes, 2016, 65, 3352-3361.	0.6	57
118	Digital PCR methods improve detection sensitivity and measurement precision of low abundance mtDNA deletions. Scientific Reports, 2016, 6, 25186.	3.3	63
119	Decreased Satellite Cell Number and Function in Humans and Mice With Type 1 Diabetes Is the Result of Altered Notch Signaling. Diabetes, 2016, 65, 3053-3061.	0.6	36
120	Solid organ transplantation in primary mitochondrial disease: Proceed with caution. Molecular Genetics and Metabolism, 2016, 118, 178-184.	1.1	55
121	Metabolic Myopathies. CONTINUUM Lifelong Learning in Neurology, 2016, 22, 1829-1851.	0.8	30
122	Complex V Disorders. , 2016, , 287-291.		0
123	Sex differences in skeletal muscle Phosphatase and tensin homolog deleted on chromosome 10 (PTEN) levels: A cross-sectional study. Scientific Reports, 2015, 5, 9154.	3.3	11
124	Adiposity and immune-muscle crosstalk in South Asians & Europeans: A cross-sectional study. Scientific Reports, 2015, 5, 14521.	3.3	4
125	MG-123...Exonic and intronic NRXN1 deletions: Novel genotype-phenotype correlations. Journal of Medical Genetics, 2015, 52, A9.1-A9.	3.2	0
126	Exercise-stimulated interleukin-15 is controlled by AMPK and regulates skin metabolism and aging. Aging Cell, 2015, 14, 625-634.	6.7	123

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127	Sodium bicarbonate ingestion augments the increase in PGC-1 α mRNA expression during recovery from intense interval exercise in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2015, 119, 1303-1312.	2.5	41
128	Feasibility and Reliability of Muscle Strength Testing in Critically Ill Children. <i>Journal of Pediatric Intensive Care</i> , 2015, 04, 218-224.	0.8	15
129	Diagnosis and management of mitochondrial disease: a consensus statement from the Mitochondrial Medicine Society. <i>Genetics in Medicine</i> , 2015, 17, 689-701.	2.4	414
130	Polymerase gamma mutator mice rely on increased glycolytic flux for energy production. <i>Mitochondrion</i> , 2015, 21, 19-26.	3.4	18
131	Effects of age and unaccustomed resistance exercise on mitochondrial transcript and protein abundance in skeletal muscle of men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R734-R741.	1.8	36
132	Exome sequencing identifies complex I NDUFV2 mutations as a novel cause of Leigh syndrome. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 525-532.	1.6	27
133	Metabolomic analysis of exercise effects in the POLG mitochondrial DNA mutator mouse brain. <i>Neurobiology of Aging</i> , 2015, 36, 2972-2983.	3.1	34
134	Prenatal growth restriction, retinal dystrophy, diabetes insipidus and white matter disease: expanding the spectrum of PRPS1-related disorders. <i>European Journal of Human Genetics</i> , 2015, 23, 310-316.	2.8	30
135	Phospholamban overexpression in mice causes a centronuclear myopathy-like phenotype. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 999-1009.	2.4	29
136	Satellite cell activity, without expansion, after nonhypertrophic stimuli. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1101-R1111.	1.8	49
137	Dysfunctional mitochondria? Let's make more exercise in a bottle. <i>Mitochondrion</i> , 2015, 24, S4.	3.4	0
138	Two cases of congenital myasthenic syndrome with vocal cord paralysis. <i>Neurology</i> , 2015, 84, 1281-1282.	1.1	23
139	Association of depression & health related quality of life with body composition in children and youth with obesity. <i>Journal of Affective Disorders</i> , 2015, 172, 18-23.	4.1	143
140	Exercise-induced Amelioration of Diet-induced Obesity and Diabetes is Not Regulated by Irisin. <i>FASEB Journal</i> , 2015, 29, 992.4.	0.5	1
141	Functional Impairment in Patients with Sporadic Inclusion Body Myositis. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 253-259.	0.5	4
142	Statin-associated Autoimmune Myopathies: A Pathophysiologic Spectrum. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 638-647.	0.5	24
143	Defects in mitochondrial DNA replication and oxidative damage in muscle of mtDNA mutator mice. <i>Free Radical Biology and Medicine</i> , 2014, 75, 241-251.	2.9	53
144	The unfolded protein response is triggered following a single, unaccustomed resistance-exercise bout. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R664-R669.	1.8	57

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145	Genome-wide <sc>DNA</sc> methylation changes with age in disease-free human skeletal muscle. <i>Aging Cell</i> , 2014, 13, 360-366.	6.7	145
146	Evidence for synergistic effects of PRNP and ATP7B mutations in severe neuropsychiatric deterioration. <i>BMC Medical Genetics</i> , 2014, 15, 22.	2.1	10
147	Impact of Habitual Exercise on the Strength of Individuals with Myotonic Dystrophy Type 1. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, 739-750.	1.4	18
148	Three Minutes of All-Out Intermittent Exercise per Week Increases Skeletal Muscle Oxidative Capacity and Improves Cardiometabolic Health. <i>PLoS ONE</i> , 2014, 9, e111489.	2.5	134
149	Mitochondrial Encephalopathy With Lactic Acidosis and Stroke-like Episodes (MELAS) May Respond to Adjunctive Ketogenic Diet. <i>Pediatric Neurology</i> , 2014, 50, 498-502.	2.1	72
150	Intermittent and continuous high-intensity exercise training induce similar acute but different chronic muscle adaptations. <i>Experimental Physiology</i> , 2014, 99, 782-791.	2.0	91
151	Fluvastatin Causes NLRP3 Inflammasome-Mediated Adipose Insulin Resistance. <i>Diabetes</i> , 2014, 63, 3742-3747.	0.6	116
152	Exercise as a Therapeutic Strategy for Primary Mitochondrial Cytopathies. <i>Journal of Child Neurology</i> , 2014, 29, 1225-1234.	1.4	40
153	Redox State and Mitochondrial Respiratory Chain Function in Skeletal Muscle of LGMD2A Patients. <i>PLoS ONE</i> , 2014, 9, e102549.	2.5	18
154	The Order of Exercise during Concurrent Training for Rehabilitation Does Not Alter Acute Genetic Expression, Mitochondrial Enzyme Activity or Improvements in Muscle Function. <i>PLoS ONE</i> , 2014, 9, e109189.	2.5	23
155	Dysferlin aggregation in limb-girdle muscular dystrophy type 2B/myoshi myopathy necessitates mutational screen for diagnosis. <i>Muscle and Nerve</i> , 2013, 47, 740-747.	2.2	17
156	Evidence for the contribution of muscle stem cells to nonhypertrophic skeletal muscle remodeling in humans. <i>FASEB Journal</i> , 2013, 27, 4596-4605.	0.5	69
157	Endurance Training Modulates Intramyocellular Lipid Compartmentalization and Morphology in Skeletal Muscle of Lean and Obese Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4852-4862.	3.6	71
158	Oxidative stress and Nrf2 signaling in McArdle disease. <i>Molecular Genetics and Metabolism</i> , 2013, 110, 297-302.	1.1	24
159	Monocarboxylate transporters and mitochondrial creatine kinase protein content in McArdle disease. <i>Molecular Genetics and Metabolism</i> , 2013, 108, 259-262.	1.1	9
160	Xin Is a Marker of Skeletal Muscle Damage Severity in Myopathies. <i>American Journal of Pathology</i> , 2013, 183, 1703-1709.	3.8	35
161	Leigh syndrome associated with mitochondrial complex I deficiency due to novel mutations in NDUFV1 and NDUF2. <i>Gene</i> , 2013, 516, 162-167.	2.2	41
162	Severe infantile leigh syndrome associated with a rare mitochondrial <i>ND6</i> mutation, m.14487T>C. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 2020-2023.	1.2	19

#	ARTICLE	IF	CITATIONS
163	Metabolite measurements in the caudate nucleus, anterior cingulate cortex and hippocampus among patients with mitochondrial disorders: a case-control study using proton magnetic resonance spectroscopy. <i>CMAJ Open</i> , 2013, 1, E48-E55.	2.4	5
164	Elevated SOCS3 and altered IL-6 signaling is associated with age-related human muscle stem cell dysfunction. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 304, C717-C728.	4.6	69
165	Eccentric Exercise Increases Satellite Cell Content in Type II Muscle Fibers. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 230-237.	0.4	76
166	Long-term Aerobic Exercise Is Associated With Greater Muscle Strength Throughout the Life Span. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 631-638.	3.6	65
167	Creatine for treating muscle disorders. <i>The Cochrane Library</i> , 2013, 2013, CD004760.	2.8	76
168	Substrate Utilization in Female Athletes. , 2013, , 1-24.		1
169	Elevated Mitochondrial Oxidative Stress Impairs Metabolic Adaptations to Exercise in Skeletal Muscle. <i>PLoS ONE</i> , 2013, 8, e81879.	2.5	21
170	Supplementation with α -Lipoic Acid, CoQ10, and Vitamin E Augments Running Performance and Mitochondrial Function in Female Mice. <i>PLoS ONE</i> , 2013, 8, e60722.	2.5	33
171	Markers of Skeletal Muscle Mitochondrial Function and Lipid Accumulation Are Moderately Associated with the Homeostasis Model Assessment Index of Insulin Resistance in Obese Men. <i>PLoS ONE</i> , 2013, 8, e66322.	2.5	37
172	Higher intakes of low-fat milk combined with 12 weeks of endurance training does not result in lower fat mass and higher lean mass.. <i>FASEB Journal</i> , 2013, 27, lb777.	0.5	0
173	Effects of Creatine and Exercise on Skeletal Muscle of FRG1-Transgenic Mice. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 225-231.	0.5	7
174	Massage Therapy Attenuates Inflammatory Signaling After Exercise-Induced Muscle Damage. <i>Science Translational Medicine</i> , 2012, 4, 119ra13.	12.4	223
175	The Psychiatric Presentation of Mitochondrial Disorders in Adults. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2012, 24, 394-409.	1.8	64
176	Aerobic training as an adjunctive therapy to enzyme replacement in Pompe disease. <i>Molecular Genetics and Metabolism</i> , 2012, 107, 469-479.	1.1	27
177	Exercise Testing in Metabolic Myopathies. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2012, 23, 173-186.	1.3	16
178	Perilipin family (PLIN) proteins in human skeletal muscle: the effect of sex, obesity, and endurance training. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 724-735.	1.9	61
179	The Psychiatric Manifestations of Mitochondrial Disorders. <i>Journal of Clinical Psychiatry</i> , 2012, 73, 506-512.	2.2	131
180	Myostatin is associated with age-related human muscle stem cell dysfunction. <i>FASEB Journal</i> , 2012, 26, 2509-2521.	0.5	139

#	ARTICLE	IF	CITATIONS
181	Impact of Treadmill Running and Sex on Hippocampal Neurogenesis in the Mouse Model of Amyotrophic Lateral Sclerosis. PLoS ONE, 2012, 7, e36048.	2.5	29
182	An acute bout of high-intensity interval training increases the nuclear abundance of PGC-1 β and activates mitochondrial biogenesis in human skeletal muscle. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1303-R1310.	1.8	252
183	Creatine for treating muscle disorders. , 2011, , CD004760.		31
184	Endurance exercise rescues progeroid aging and induces systemic mitochondrial rejuvenation in mtDNA mutator mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4135-4140.	7.1	313
185	Age Does Not Influence Mitochondrial-Related Transcript Expression Following A Resistance-Training Bout. Medicine and Science in Sports and Exercise, 2011, 43, 71-72.	0.4	1
186	Eccentric Exercise Affects NRF2-mediated Oxidative Stress Response in Skeletal Muscle by Increasing Nuclear NRF2 Content. Medicine and Science in Sports and Exercise, 2011, 43, 383.	0.4	3
187	Exercise Increases Mitochondrial PGC-1 β Content and Promotes Nuclear-Mitochondrial Cross-talk to Coordinate Mitochondrial Biogenesis. Journal of Biological Chemistry, 2011, 286, 10605-10617.	3.4	267
188	Exercise training enhances the skeletal muscle response to radiation-induced oxidative stress. Muscle and Nerve, 2011, 43, 58-64.	2.2	36
189	Suction-modified Bergström muscle biopsy technique: Experience with 13,500 procedures. Muscle and Nerve, 2011, 43, 716-725.	2.2	183
190	AMP-activated protein kinase (AMPK) β 2 muscle null mice reveal an essential role for AMPK in maintaining mitochondrial content and glucose uptake during exercise. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16092-16097.	7.1	357
191	One Universal Common Endpoint in Mouse Models of Amyotrophic Lateral Sclerosis. PLoS ONE, 2011, 6, e20582.	2.5	22
192	Adipocyte Hypertrophy, Fatty Liver and Metabolic Risk Factors in South Asians: The Molecular Study of Health and Risk in Ethnic Groups (mol-SHARE). PLoS ONE, 2011, 6, e22112.	2.5	128
193	Rosiglitazone improves pancreatic mitochondrial function in an animal model of dysglycemia: role of the insulin-like growth factor axis. Endocrine, 2010, 37, 303-311.	2.3	6
194	Dysfunctional Nrf2-Keap1 redox signaling in skeletal muscle of the sedentary old. Free Radical Biology and Medicine, 2010, 49, 1487-1493.	2.9	124
195	A randomized trial of coenzyme Q ₁₀ in mitochondrial disorders. Muscle and Nerve, 2010, 42, 739-748.	2.2	112
196	Bacterial overgrowth syndrome in myotonic muscular dystrophy is potentially treatable. Muscle and Nerve, 2010, 42, 853-855.	2.2	33
197	A practical model of low-volume high-intensity interval training induces mitochondrial biogenesis in human skeletal muscle: potential mechanisms. Journal of Physiology, 2010, 588, 1011-1022.	2.9	479
198	Satellite cell number and cell cycle kinetics in response to acute myotrauma in humans: immunohistochemistry versus flow cytometry. Journal of Physiology, 2010, 588, 3307-3320.	2.9	73

#	ARTICLE	IF	CITATIONS
199	Caloric Restriction Shortens Lifespan through an Increase in Lipid Peroxidation, Inflammation and Apoptosis in the G93A Mouse, an Animal Model of ALS. <i>PLoS ONE</i> , 2010, 5, e9386.	2.5	60
200	Eccentric Exercise Activates Novel Transcriptional Regulation of Hypertrophic Signaling Pathways Not Affected by Hormone Changes. <i>PLoS ONE</i> , 2010, 5, e10695.	2.5	39
201	Aberrant Mitochondrial Homeostasis in the Skeletal Muscle of Sedentary Older Adults. <i>PLoS ONE</i> , 2010, 5, e10778.	2.5	173
202	Women Have Higher Protein Content of \hat{I}^2 -Oxidation Enzymes in Skeletal Muscle than Men. <i>PLoS ONE</i> , 2010, 5, e12025.	2.5	53
203	Acute endurance exercise increases the nuclear abundance of PGC-1 \hat{I}^2 in trained human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R912-R917.	1.8	126
204	Caffeine and Creatine Use in Sport. <i>Annals of Nutrition and Metabolism</i> , 2010, 57, 1-8.	1.9	88
205	Men supplemented with 17 \hat{I}^2 -estradiol have increased \hat{I}^2 -oxidation capacity in skeletal muscle. <i>Physiological Genomics</i> , 2010, 42, 342-347.	2.3	63
206	MELAS syndrome, cardiomyopathy, rhabdomyolysis, and autism associated with the A3260G mitochondrial DNA mutation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 443-447.	2.1	28
207	Low expression of long-chain acyl-CoA dehydrogenase in human skeletal muscle. <i>Molecular Genetics and Metabolism</i> , 2010, 100, 163-167.	1.1	21
208	The Effect of Aging on Human Skeletal Muscle Mitochondrial and Intramyocellular Lipid Ultrastructure. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 119-128.	3.6	207
209	Endurance Training \hat{I}^2 -mediated Differential Regulation of miRNAs in Skeletal Muscle of Lean and Obese Men. <i>FASEB Journal</i> , 2010, 24, 806.14.	0.5	1
210	Effects of exercise and corticotrophin \hat{I}^2 -releasing factor 2 receptor agonist on skeletal muscle of mdx mice. <i>FASEB Journal</i> , 2010, 24, 806.13.	0.5	0
211	Post \hat{I}^2 -exercise massage affects skeletal muscle gene expression. <i>FASEB Journal</i> , 2010, 24, 806.5.	0.5	0
212	Endurance Exercise and Systemic Mitochondrial Rejuvenescence: Run for Your Life!. <i>FASEB Journal</i> , 2010, 24, 987.1.	0.5	0
213	Improved assessment of the global transcriptional response to endurance exercise in human skeletal muscle. <i>FASEB Journal</i> , 2010, 24, 806.6.	0.5	0
214	Mitochondrial Dysfunction is Not a Causative Factor in the Pathogenesis of Obesity. <i>FASEB Journal</i> , 2010, 24, 1045.9.	0.5	0
215	The effects of creatine and exercise on skeletal muscle of FRG1 \hat{I}^2 -transgenic mice. <i>FASEB Journal</i> , 2010, 24, 618.8.	0.5	0
216	FACS Analysis and Immunohistochemical Analysis of Human Myogenic Stem Cell Number and Cell \hat{I}^2 -cycle Kinetics in Response to Acute Myotrauma. <i>FASEB Journal</i> , 2010, 24, 824.7.	0.5	0

#	ARTICLE	IF	CITATIONS
217	miRNA in the Regulation of Skeletal Muscle Adaptation to Acute Endurance Exercise in C57Bl/6J Male Mice. PLoS ONE, 2009, 4, e5610.	2.5	189
218	Exercise, sex, menstrual cycle phase, and 17 β -estradiol influence metabolism-related genes in human skeletal muscle. Physiological Genomics, 2009, 40, 34-47.	2.3	67
219	Identification of ataxia-associated mtDNA mutations (m.4052T>C and m.9035T>C) and evaluation of their pathogenicity in trans-mitochondrial cybrids. Muscle and Nerve, 2009, 40, 381-394.	2.2	21
220	Two methods for determining plasma IL-6 in humans at rest and following exercise. European Journal of Applied Physiology, 2009, 105, 13-18.	2.5	5
221	Sarcoplasmic hexagonally cross-linked tubular arrays immunostain for caveolin-3: an excess caveolinopathy?. Acta Neuropathologica, 2009, 117, 339-341.	7.7	7
222	Muscle Physiology in Healthy Men and Women and Those with Metabolic Myopathies. Physical Medicine and Rehabilitation Clinics of North America, 2009, 20, 101-131.	1.3	0
223	MITOCHONDRIAL CYTOPATHIES IN CHILDREN AND ADULTS. CONTINUUM Lifelong Learning in Neurology, 2009, 15, 98-125.	0.8	0
224	Metabolic Myopathies: Update 2009. Journal of Clinical Neuromuscular Disease, 2009, 10, 97-121.	0.7	85
225	Coffee increases antioxidant enzyme capacity in the brain of male G93A mice, an animal model of amyotrophic lateral sclerosis (ALS). FASEB Journal, 2009, 23, 109.6.	0.5	5
226	Sex Differences in Global mRNA Content of Human Skeletal Muscle. PLoS ONE, 2009, 4, e6335.	2.5	75
227	Limb Immobilization Induces a Coordinate Down-Regulation of Mitochondrial and Other Metabolic Pathways in Men and Women. PLoS ONE, 2009, 4, e6518.	2.5	147
228	Long-term caloric restriction increases apoptosis and decreases cell stress response, despite an elevation in antioxidant enzyme capacity in the skeletal muscle of the Cu/Zn-SOD mutant G93A mouse, an animal model of ALS. FASEB Journal, 2009, 23, 109.1.	0.5	0
229	Exercise training and low dose radiation protect skeletal muscle from high dose radiation. FASEB Journal, 2009, 23, 600.6.	0.5	0
230	Caffeine reduces motor performance and antioxidant enzyme capacity in the brain of female G93A mice, an animal model of amyotrophic lateral sclerosis (ALS). FASEB Journal, 2009, 23, 963.3.	0.5	2
231	Milk consumption after resistance exercise increases fat loss and increases muscle mass and strength gains in young women. FASEB Journal, 2009, 23, 213.1.	0.5	0
232	Creatine monohydrate attenuates body fat accumulation in children with acute lymphoblastic leukemia during maintenance chemotherapy. Pediatric Blood and Cancer, 2008, 51, 183-187.	1.5	26
233	Increased PFK activity and GLUT4 protein content in McArdle's disease. Muscle and Nerve, 2008, 37, 431-437.	2.2	14
234	Hepatocyte growth factor (HGF) and the satellite cell response following muscle lengthening contractions in humans. Muscle and Nerve, 2008, 38, 1434-1442.	2.2	87

#	ARTICLE	IF	CITATIONS
235	Differential effects of resistance and endurance exercise in the fed state on signalling molecule phosphorylation and protein synthesis in human muscle. <i>Journal of Physiology</i> , 2008, 586, 3701-3717.	2.9	494
236	Effect of Endurance Exercise on Hepatic Lipid Content, Enzymes, and Adiposity in Men and Women. <i>Obesity</i> , 2008, 16, 2281-2288.	3.0	84
237	Endurance training without weight loss lowers systemic, but not muscle, oxidative stress with no effect on inflammation in lean and obese women. <i>Free Radical Biology and Medicine</i> , 2008, 45, 503-511.	2.9	92
238	Muscle Physiology in Healthy Men and Women and Those with Metabolic Myopathies. <i>Neurologic Clinics</i> , 2008, 26, 115-148.	1.8	4
239	The potential benefits of creatine and conjugated linoleic acid as adjuncts to resistance training in older adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 213-227.	1.9	39
240	Effect of caffeine on the neuromuscular system " potential as an ergogenic aid. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 1284-1289.	1.9	121
241	Building muscle: nutrition to maximize bulk and strength adaptations to resistance exercise training. <i>European Journal of Sport Science</i> , 2008, 8, 67-76.	2.7	10
242	Global and targeted gene expression and protein content in skeletal muscle of young men following short-term creatine monohydrate supplementation. <i>Physiological Genomics</i> , 2008, 32, 219-228.	2.3	116
243	Nutritional Consideration in the Aging Athlete. <i>Clinical Journal of Sport Medicine</i> , 2008, 18, 531-538.	1.8	14
244	Sex Differences in Exercise Metabolism and the Role of 17-Beta Estradiol. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 648-654.	0.4	223
245	Expression of mRNA species affecting growth and membrane homeostasis in skeletal muscle following eccentric exercise. <i>FASEB Journal</i> , 2008, 22, 754.8.	0.5	0
246	Twelve weeks of endurance training increases mitochondrial density and percent IMCL touching mitochondria and alters IMCL storage distribution. <i>FASEB Journal</i> , 2008, 22, 753.18.	0.5	1
247	Caveolin Inclusion Myopathy. <i>FASEB Journal</i> , 2008, 22, 708.23.	0.5	0
248	Chlorogenic acid, a coffee polyphenol and antioxidant, hastens clinical onset of disease but prolongs life span in the G93A mouse, an animal model of ALS, as compared with caffeine. <i>FASEB Journal</i> , 2008, 22, 702.11.	0.5	0
249	Disuse atrophy delays and reduces amino acid induced activation of key translational signaling proteins in humans. <i>FASEB Journal</i> , 2008, 22, 1225.6.	0.5	0
250	Influence of endurance exercise training and sex on intramyocellular lipid and mitochondrial ultrastructure, substrate use, and mitochondrial enzyme activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R1271-R1278.	1.8	338
251	IMCL area density, but not IMCL utilization, is higher in women during moderate-intensity endurance exercise, compared with men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R2336-R2342.	1.8	66
252	Gene Expression, Fiber Type, and Strength Are Similar Between Left and Right Legs in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2007, 62, 1088-1095.	3.6	17

#	ARTICLE	IF	CITATIONS
253	Consumption of fluid skim milk promotes greater muscle protein accretion after resistance exercise than does consumption of an isonitrogenous and isoenergetic soy-protein beverage. American Journal of Clinical Nutrition, 2007, 85, 1031-1040.	4.7	433
254	Consumption of fat-free fluid milk after resistance exercise promotes greater lean mass accretion than does consumption of soy or carbohydrate in young, novice, male weightlifters. American Journal of Clinical Nutrition, 2007, 86, 373-381.	4.7	400
255	Creatine Monohydrate Increases Bone Mineral Density in Young Sprague-Dawley Rats. Medicine and Science in Sports and Exercise, 2007, 39, 816-820.	0.4	34
256	Creatine for treating muscle disorders. , 2007, , CD004760.		26
257	Resistance Exercise Reverses Aging in Human Skeletal Muscle. PLoS ONE, 2007, 2, e465.	2.5	267
258	Beneficial effects of creatine, CoQ10, and lipoic acid in mitochondrial disorders. Muscle and Nerve, 2007, 35, 235-242.	2.2	235
259	Effects of a CRF2R agonist and exercise on mdx and wildtype skeletal muscle. Muscle and Nerve, 2007, 36, 336-341.	2.2	19
260	Low intensity training decreases markers of oxidative stress in skeletal muscle of mdx mice. Free Radical Biology and Medicine, 2007, 43, 145-154.	2.9	87
261	Nutrition for distance events. Journal of Sports Sciences, 2007, 25, S29-S38.	2.0	41
262	Transgenerational effects of fetal and neonatal exposure to nicotine. Endocrine, 2007, 31, 254-259.	2.2	52
263	Clinical Use of Creatine in Neuromuscular and Neurometabolic Disorders. , 2007, 46, 183-204.		54
264	Creatine Monohydrate and Conjugated Linoleic Acid Improve Strength and Body Composition Following Resistance Exercise in Older Adults. PLoS ONE, 2007, 2, e991.	2.5	120
265	Mitochondrial dysfunction is associated with increased oxidative stress and inflammation, and Nrf2-mediated antioxidant dysregulation with frail aging. FASEB Journal, 2007, 21, A937.	0.5	0
266	Long-term caloric restriction increases lipid peroxidation, but decreases protein oxidation, in the skeletal muscle of the Cu/Zn-SOD mutant G93A mouse, an animal model of ALS. FASEB Journal, 2007, 21, A818.	0.5	0
267	Antioxidant supplementation attenuates the exercise-induced increase in plasma CK, but not CRP, during moderate intensity endurance exercise in men. FASEB Journal, 2007, 21, A932.	0.5	0
268	Antioxidant enzyme protein content in lean and obese women prior to and following a 12-week endurance training protocol. FASEB Journal, 2007, 21, A668.	0.5	0
269	Estrogen supplementation in men increases serum C-reactive protein concentration before, during and after moderate intensity endurance exercise. FASEB Journal, 2007, 21, A579.	0.5	0
270	Nutritional Implications of Sex and Age Differences in Energy Metabolism. Nutrition in Exercise and Sport, 2007, , 209-239.	0.1	0

#	ARTICLE	IF	CITATIONS
271	What can metabolic myopathies teach us about exercise physiology?. Applied Physiology, Nutrition and Metabolism, 2006, 31, 21-30.	1.9	17
272	No effect of short-term 17 β -estradiol supplementation in healthy men on systemic inflammatory responses to exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R285-R290.	1.8	19
273	Short-term sprint intervalversustraditional endurance training: similar initial adaptations in human skeletal muscle and exercise performance. Journal of Physiology, 2006, 575, 901-911.	2.9	772
274	Exercising women throw a wrench in the gears of the AMPK-lipid oxidation link. Journal of Physiology, 2006, 574, 1-1.	2.9	3
275	Nutritional therapy improves function and complements corticosteroid intervention inmdx mice. Muscle and Nerve, 2006, 33, 66-77.	2.2	71
276	Oxidative stress and antioxidant enzyme upregulation in SOD1-G93A mouse skeletal muscle. Muscle and Nerve, 2006, 33, 809-816.	2.2	71
277	Genetic risk factors associated with lipid-lowering drug-induced myopathies. Muscle and Nerve, 2006, 34, 153-162.	2.2	226
278	Transient caloric restriction in early adulthood hastens disease endpoint in male, but not female, Cu/Zn-SOD mutant G93A mice. Muscle and Nerve, 2006, 34, 709-719.	2.2	24
279	The Effect of Aging on Anaerobic and Aerobic Enzyme Activities in Human Skeletal Muscle. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 339-344.	3.6	44
280	Menstrual cycle phase and sex influence muscle glycogen utilization and glucose turnover during moderate-intensity endurance exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R1120-R1128.	1.8	133
281	Sex-based effects on the distribution of NK cell subsets in response to exercise and carbohydrate intake in adolescents. Journal of Applied Physiology, 2006, 100, 1513-1519.	2.5	22
282	The use of oral contraceptives in women alters the differences in substrate oxidation between phases of the menstrual cycle. FASEB Journal, 2006, 20, A1468.	0.5	0
283	Increased phosphofructokinase protein expression in patients with myophosphorylase deficiency (McArdle's disease).. FASEB Journal, 2006, 20, A816.	0.5	0
284	Mitochondrial Myopathies: Diagnosis, Exercise Intolerance, and Treatment Options. Medicine and Science in Sports and Exercise, 2005, 37, 2086-2093.	0.4	114
285	Resistance exercise training decreases oxidative damage to DNA and increases cytochrome oxidase activity in older adults. Experimental Gerontology, 2005, 40, 173-180.	2.8	164
286	Antioxidant enzyme activity is up-regulated after unilateral resistance exercise training in older adults. Free Radical Biology and Medicine, 2005, 39, 289-295.	2.9	145
287	Caloric restriction transiently improves motor performance but hastens clinical onset of disease in the Cu/Zn-superoxide dismutase mutant G93A mouse. Muscle and Nerve, 2005, 31, 214-220.	2.2	72
288	Nutritional inadequacy in adults with muscular dystrophy. Muscle and Nerve, 2005, 31, 713-718.	2.2	29

#	ARTICLE	IF	CITATIONS
289	Estrogen Supplementation Reduces Whole Body Leucine and Carbohydrate Oxidation and Increases Lipid Oxidation in Men during Endurance Exercise. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 3592-3599.	3.6	114
290	17 β -Estradiol Supplementation Decreases Glucose Rate of Appearance and Disappearance with No Effect on Glycogen Utilization during Moderate Intensity Exercise in Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 6218-6225.	3.6	63
291	Sex-based differences in skeletal muscle function and morphology with short-term limb immobilization. <i>Journal of Applied Physiology</i> , 2005, 99, 1085-1092.	2.5	124
292	Nutritional needs of elite endurance athletes. Part I: Carbohydrate and fluid requirements. <i>European Journal of Sport Science</i> , 2005, 5, 3-14.	2.7	32
293	Understanding Skeletal Muscle Adaptation to Exercise Training in Humans: Contributions from Microarray Studies. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2005, 16, 859-873.	1.3	24
294	Nutritional needs of elite endurance athletes. Part II: Dietary protein and the potential role of caffeine and creatine. <i>European Journal of Sport Science</i> , 2005, 5, 59-72.	2.7	7
295	Influence of gender, menstrual phase, and oral contraceptive use on immunological changes in response to prolonged cycling. <i>Journal of Applied Physiology</i> , 2005, 99, 979-985.	2.5	86
296	A novel mutation in the PYGM gene in a family with pseudo-dominant transmission of McArdle disease. <i>Molecular Genetics and Metabolism</i> , 2005, 85, 239-242.	1.1	14
297	Creatine Monohydrate Supplementation Does Not Improve Functional Recovery After Total Knee Arthroplasty. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005, 86, 1293-1298.	0.9	23
298	Statin-associated neuromyotoxicity. <i>Drugs of Today</i> , 2005, 41, 267.	2.4	30
299	Corticotropin-releasing Factor 2 Receptor Localization in Skeletal Muscle. <i>Journal of Histochemistry and Cytochemistry</i> , 2004, 52, 967-977.	2.5	14
300	Body-weight-support treadmill training improves blood glucose regulation in persons with incomplete spinal cord injury. <i>Journal of Applied Physiology</i> , 2004, 97, 716-724.	2.5	60
301	Protein Requirements for Endurance Athletes. <i>European Journal of Sport Science</i> , 2004, 4, 1-15.	2.7	114
302	Protein requirements for endurance athletes. <i>Nutrition</i> , 2004, 20, 662-668.	2.4	195
303	Oxidative stress and the mitochondrial theory of aging in human skeletal muscle. <i>Experimental Gerontology</i> , 2004, 39, 1391-1400.	2.8	204
304	Clinical variability in maternally inherited leber hereditary optic neuropathy with the G14459A mutation. <i>American Journal of Medical Genetics Part A</i> , 2004, 124A, 372-376.	2.4	48
305	Novel SCO2 mutation (G1521A) presenting as a spinal muscular atrophy type I phenotype. <i>American Journal of Medical Genetics Part A</i> , 2004, 125A, 310-314.	2.4	47
306	Creatine monohydrate supplementation does not increase muscle strength, lean body mass, or muscle phosphocreatine in patients with myotonic dystrophy type 1. <i>Muscle and Nerve</i> , 2004, 29, 51-58.	2.2	64

#	ARTICLE	IF	CITATIONS
307	Effects of high-intensity endurance exercise training in the G93A mouse model of amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2004, 29, 656-662.	2.2	125
308	Attenuation of free radical production and paracrystalline inclusions by creatine supplementation in a patient with a novel cytochrome b mutation. <i>Muscle and Nerve</i> , 2004, 29, 537-547.	2.2	43
309	Resistance training exercise and creatine in patients with Charcot-Marie-Tooth disease. <i>Muscle and Nerve</i> , 2004, 30, 69-76.	2.2	52
310	Real-time RT-PCR analysis of housekeeping genes in human skeletal muscle following acute exercise. <i>Physiological Genomics</i> , 2004, 18, 226-231.	2.3	183
311	Exercise testing as a diagnostic entity in mitochondrial myopathies. <i>Mitochondrion</i> , 2004, 4, 529-542.	3.4	40
312	The Influence of Gender Differences in Metabolism upon Nutritional Recommendations for Athletes. , 2004, , 729-736.		0
313	Targeting cellular energy production in neurological disorders. <i>Expert Opinion on Investigational Drugs</i> , 2003, 12, 1655-1679.	4.1	33
314	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2003, 244, 159-166.	3.1	39
315	Patients with dystrophinopathy show evidence of increased oxidative stress. <i>Free Radical Biology and Medicine</i> , 2003, 34, 1217-1220.	2.9	103
316	Diagnostic utility of a modified forearm ischemic exercise test and technical issues relevant to exercise testing. <i>Muscle and Nerve</i> , 2003, 27, 359-366.	2.2	55
317	Creatine Supplementation Enhances Isometric Strength and Body Composition Improvements Following Strength Exercise Training in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2003, 58, B11-B19.	3.6	193
318	Plasma Malondialdehyde Increases Transiently after Ischemic Forearm Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1859-1865.	0.4	31
319	Short-term training attenuates muscle TCA cycle expansion during exercise in women. <i>Journal of Applied Physiology</i> , 2003, 95, 999-1004.	2.5	16
320	Effect of α -Lipoic Acid Combined with Creatine Monohydrate on Human Skeletal Muscle Creatine and Phosphagen Concentration. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2003, 13, 294-302.	2.1	34
321	Substrate Utilization during Exercise Performed with and Without Glucose Ingestion in Female and Male Endurance-Trained Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2003, 13, 407-421.	2.1	76
322	Activation of the CRF 2 receptor modulates skeletal muscle mass under physiological and pathological conditions. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E889-E898.	3.5	23
323	Acute and moderate-term creatine monohydrate supplementation does not affect creatine transporter mRNA or protein content in either young or elderly humans. , 2003, , 159-166.		13
324	Acute and moderate-term creatine monohydrate supplementation does not affect creatine transporter mRNA or protein content in either young or elderly humans. <i>Molecular and Cellular Biochemistry</i> , 2003, 244, 159-66.	3.1	15

#	ARTICLE	IF	CITATIONS
325	Dietary supplementation with creatine monohydrate prevents corticosteroid-induced attenuation of growth in young rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002, 80, 1008-1014.	1.4	28
326	Contraction-induced muscle damage is unaffected by vitamin E supplementation. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 798-805.	0.4	134
327	Metabolic Myopathies and Physical Activity. <i>Physician and Sportsmedicine</i> , 2002, 30, 37-46.	2.1	5
328	Nutritional and exercise-based therapies in the treatment of mitochondrial disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2002, 5, 619-629.	2.5	51
329	The Influence of Post-exercise Macronutrient Intake on Energy Balance and Protein Metabolism in Active Females Participating in Endurance Training. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2002, 12, 172-188.	2.1	35
330	Effect of protein source on resistive-training-induced changes in body composition and muscle size in older men. <i>American Journal of Clinical Nutrition</i> , 2002, 76, 511-517.	4.7	124
331	Variability in Estimating Eccentric Contraction-Induced Muscle Damage and Inflammation in Humans. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2002, 27, 516-526.	1.7	34
332	Congenital inflammatory myopathy: A demonstrative case and proposed diagnostic classification. <i>Muscle and Nerve</i> , 2002, 25, 259-264.	2.2	15
333	Contraction-induced muscle damage in humans following calcium channel blocker administration. <i>Journal of Physiology</i> , 2002, 544, 849-859.	2.9	94
334	Gender differences in carbohydrate loading are related to energy intake. <i>Journal of Applied Physiology</i> , 2001, 91, 225-230.	2.5	123
335	Sex differences in carbohydrate metabolism. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2001, 4, 521-526.	2.5	59
336	Evaluation of gender differences in physiology: an introduction. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2001, 4, 489-492.	2.5	16
337	Expression of MCT1 and MCT4 in a patient with mitochondrial myopathy. <i>Muscle and Nerve</i> , 2001, 24, 394-398.	2.2	12
338	Potential for creatine and other therapies targeting cellular energy dysfunction in neurological disorders. <i>Annals of Neurology</i> , 2001, 49, 561-574.	5.3	230
339	Myoadenylate deaminase deficiency does not affect muscle anaplerosis during exhaustive exercise in humans. <i>Journal of Physiology</i> , 2001, 533, 881-889.	2.9	56
340	Creatine-dextrose and protein-dextrose induce similar strength gains during training. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 2044-2052.	0.4	60
341	Potential for creatine and other therapies targeting cellular energy dysfunction in neurological disorders. <i>Annals of Neurology</i> , 2001, 49, 561-574.	5.3	4
342	Creatine Monohydrate Supplementation Enhances High-Intensity Exercise Performance in Males and Females.. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2000, 10, 452-463.	2.1	79

#	ARTICLE	IF	CITATIONS
343	Acute creatine loading increases fat-free mass, but does not affect blood pressure, plasma creatinine, or CK activity in men and women. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 291.	0.4	164
344	Potential benefits of creatine monohydrate supplementation in the elderly. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2000, 3, 497-502.	2.5	51
345	Endurance exercise training attenuates leucine oxidation and BCOAD activation during exercise in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 278, E580-E587.	3.5	178
346	Postactivation potentiation, fiber type, and twitch contraction time in human knee extensor muscles. <i>Journal of Applied Physiology</i> , 2000, 88, 2131-2137.	2.5	333
347	Caffeine potentiates low frequency skeletal muscle force in habitual and nonhabitual caffeine consumers. <i>Journal of Applied Physiology</i> , 2000, 89, 1719-1724.	2.5	161
348	Myofibrillar disruption following acute concentric and eccentric resistance exercise in strength-trained men. <i>Canadian Journal of Physiology and Pharmacology</i> , 2000, 78, 656-661.	1.4	74
349	Creatine Supplementation in Mitochondrial Cytopathies. <i>Medical Science Symposia Series</i> , 2000, , 91-100.	0.0	2
350	Low glycogen and branched-chain amino acid ingestion do not impair anaplerosis during exercise in humans. <i>Journal of Applied Physiology</i> , 1999, 87, 1662-1667.	2.5	20
351	Hypotension following mild bouts of resistance exercise and submaximal dynamic exercise. <i>European Journal of Applied Physiology</i> , 1999, 79, 148-154.	2.5	91
352	Naproxen does not alter indices of muscle damage in resistance-exercise trained men. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 4-9.	0.4	53
353	Creatine monohydrate increases strength in patients with neuromuscular disease. <i>Neurology</i> , 1999, 52, 854-854.	1.1	188
354	Potential Side Effects of Oral Creatine Supplementation. <i>Clinical Journal of Sport Medicine</i> , 1998, 8, 298-304.	1.8	90
355	Effect of oral creatine supplementation on muscle [PCr] and short-term maximum power output. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 216-219.	0.4	91
356	The effects of lithium on muscle contractile function in humans. , 1996, 19, 311-318.		7
357	Caffeine and Endurance Performance. <i>Sports Medicine</i> , 1994, 18, 109-125.	6.5	118
358	Physiological responses to caffeine during endurance running in habitual caffeine users. <i>Medicine and Science in Sports and Exercise</i> , 1989, 21, 418-424.	0.4	74
359	The Efficacy of Whole Genome Sequencing and RNA-Seq in the Diagnosis of Whole Exome Sequencing Negative Patients with Complex Neurological Phenotypes. <i>Journal of Pediatric Genetics</i> , 0, , .	0.7	0