Hisashi Naito

List of Publications by Year
in descending order

219 papers	5,001 citations	94433 37 h-index	118850 62 g-index
220 all docs	220 docs citations	220 times ranked	5845 citing authors

#	Article	IF	Citations
1	The MOTS-c K14Q polymorphism in the mtDNA is associated with muscle fiber composition and muscular performance. Biochimica Et Biophysica Acta - General Subjects, 2022, 1866, 130048.	2.4	6
2	A longitudinal study of handgrip strength asymmetry. American Journal of Human Biology, 2022, 34, e23722.	1.6	4
3	Circadian rhythms modulate the effect of eccentric exercise on rat soleus muscles. PLoS ONE, 2022, 17, e0264171.	2.5	4
4	Losartan treatment attenuates hindlimb unloading-induced atrophy in the soleus muscle of female rats via canonical TGF-Î² signaling. Journal of Physiological Sciences, 2022, 72, 6.	2.1	10
5	Genotype Score for Iron Status Is Associated with Muscle Fiber Composition in Women. Genes, 2022, 13, 5.	2.4	4
6	Sports activities at a young age decrease hypertension riskâ€"The <scp>Jâ€Fit</scp>⁺ study. Physiological Reports, 2022, 10, .	1.7	1
7	Association between Daily Physical Activity and Locomotive Syndrome in Community-Dwelling Japanese Older Adults: A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2022, 19, 8164.	2.6	3
8	High-throughput muscle fiber typing from RNA sequencing data. Skeletal Muscle, 2022, 12, .	4.2	5
9	Blood flow restriction in human skeletal muscle during rest periods after high-load resistance training down-regulates miR-206 and induces Pax7. Journal of Sport and Health Science, 2021, 10, 470-477.	6.5	15
10	The associations between meeting 24â€hour movement guidelines and adiposity in Asian Adolescents: The Asiaâ€Fit Study. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 763-771.	2.9	20
11	Female Athletes Genetically Susceptible to Fatigue Fracture Are Resistant to Muscle Injury: Potential Role of COL1A1 Variant. Medicine and Science in Sports and Exercise, 2021, 53, 1855-1864.	0.4	7
12	Blood flow restriction during the resting periods of high-intensity resistance training does not alter performance but decreases MIR-1 and MIR-133A levels in human skeletal muscle. Sports Medicine and Health Science, 2021, 3, 40-45.	2.0	3
13	Psychometric properties of a short version of the Activities-specific Balance Confidence scale-Japanese (Short ABC-J) in community-dwelling people with stroke. Physiotherapy Theory and Practice, 2021, , 1-14.	1.3	1
14	Engagement in different sport disciplines during university years and risk of locomotive syndrome in older age: J-Fit+ÂStudy. Environmental Health and Preventive Medicine, 2021, 26, 36.	3.4	3
15	Are Genome-Wide Association Study Identified Single-Nucleotide Polymorphisms Associated With Sprint Athletic Status? A Replication Study With 3 Different Cohorts. International Journal of Sports Physiology and Performance, 2021, 16, 489-495.	2.3	14
16	Long-term physical inactivity exacerbates hindlimb unloading-induced muscle atrophy in young rat soleus muscle. Journal of Applied Physiology, 2021, 130, 1214-1225.	2.5	12
17	The 30-s chair stand test can be a useful tool for screening sarcopenia in elderly Japanese participants. BMC Musculoskeletal Disorders, 2021, 22, 639.	1.9	11
18	Serum albumin levels as a predictive biomarker for low-load resistance training programsâ€™ effects on muscle thickness in the community-dwelling elderly Japanese population: interventional study result. BMC Geriatrics, 2021, 21, 464.	2.7	5

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19	Association of physical fitness and motor ability at young age with locomotive syndrome risk in middle-aged and older men: J-Fit+ Study. BMC Geriatrics, 2021, 21, 89.	2.7	6
20	The Measurement of Strength in Children: Is the Peak Value Truly Maximal?. Children, 2021, 8, 9.	1.5	13
21	Associations of Voluntary Exercise and Screen Time during the First Wave of COVID-19 Restrictions in Japan with Subsequent Grip Strength among University Students: J-Fit+ Study. Sustainability, 2021, 13, 13648.	3.2	2
22	Physical activity and health-related fitness in Asian adolescents: The Asia-fit study. Journal of Sports Sciences, 2020, 38, 273-279.	2.0	17
23	Protective effects of acute exercise preconditioning on disuse-induced muscular atrophy in aged muscle: a narrative literature review. Journal of Physiological Sciences, 2020, 70, 55.	2.1	1
24	PPARGC1A rs8192678 and NRF1 rs6949152 Polymorphisms Are Associated with Muscle Fiber Composition in Women. Genes, 2020, 11, 1012.	2.4	8
25	Endurance Runners with Intramyocellular Lipid Accumulation and High Insulin Sensitivity Have Enhanced Expression of Genes Related to Lipid Metabolism in Muscle. Journal of Clinical Medicine, 2020, 9, 3951.	2.4	2
26	Hyperventilation-Aided Recovery for Extra Repetitions on Bench Press and Leg Press. Journal of Strength and Conditioning Research, 2020, 34, 1274-1284.	2.1	2
27	Reliability and validity of the Activities-specific Balance Confidence scale-Japanese (ABC-J) in community-dwelling stroke survivors. Physical Therapy Research, 2020, 23, 15-22.	0.9	6
28	Genome-Wide Association Study Reveals a Novel Association Between MYBPC3 Gene Polymorphism, Endurance Athlete Status, Aerobic Capacity and Steroid Metabolism. Frontiers in Genetics, 2020, 11, 595.	2.3	30
29	The association of HFE gene H63D polymorphism with endurance athlete status and aerobic capacity: novel findings and a meta-analysis. European Journal of Applied Physiology, 2020, 120, 665-673.	2.5	29
30	Estimating Energy Cost of Body Weight Resistance Exercise Using a Multistage Exercise Test. Journal of Strength and Conditioning Research, 2020, Publish Ahead of Print, .	2.1	3
31	White Matter Myelin Changes Related to Long-term Intensive Training in Japanese World-class Gymnasts. Juntendo Medical Journal, 2020, 66, 21-28.	0.1	0
32	Achievements and Prospects of Juntendo University Institute of Health and Sports Science & Medicine. Juntendo Medical Journal, 2020, 66, 108-113.	0.1	2
33	Muscle Size and Strength of the Lower Body in Supervised and in Combined Supervised and Unsupervised Low-Load Resistance Training. Journal of Sports Science and Medicine, 2020, 19, 721-726.	1.6	4
34	The Effects of Transdermal Nicotine Patches on the Cardiorespiratory and Lactate Responses During Exercise from Light to Moderate Intensity: Implications for Exercise Prescription during Smoking Cessation. Medicina (Lithuania), 2019, 55, 348.	2.0	1
35	Age-related changes in histone modification in rat gastrocnemius muscle. Experimental Gerontology, 2019, 125, 110658.	2.8	6
36	A body mass index over 22 kg/m2 at college age is a risk factor for future diabetes in Japanese men. PLoS ONE, 2019, 14, e0211067.	2.5	14

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37	Impact of different temperature stimuli on the expression of myosin heavy chain isoforms during recovery from bupivacaine-induced muscle injury in rats. Journal of Applied Physiology, 2019, 127, 178-189.	2.5	5
38	Metabolic equivalents of body weight resistance exercise with slow movement in older adults using indirect calorimetry. Applied Physiology, Nutrition and Metabolism, 2019, 44, 1254-1257.	1.9	6
39	Heart Rate Responses and Exercise Intensity During A Prolonged 4-Hour Individual Cycling Race among Japanese Recreational Cyclists. Sports, 2019, 7, 109.	1.7	2
40	Exercise preconditioning attenuates hind limb unloading-induced gastrocnemius muscle atrophy possibly via the HDAC4/Gadd45 axis in old rats. Experimental Gerontology, 2019, 122, 34-41.	2.8	13
41	Association between locomotive syndrome and blood parameters in Japanese middle-aged and elderly individuals: a cross-sectional study. BMC Musculoskeletal Disorders, 2019, 20, 104.	1.9	10
42	Role of astaxanthin supplementation in prevention of disuse muscle atrophy: a review. The Journal of Physical Fitness and Sports Medicine, 2019, 8, 61-71.	0.3	6
43	Energy Expenditure of a Single Sit-to-Stand Movement with Slow Versus Normal Speed Using the Different Frequency Accumulation Method. Medicina (Lithuania), 2019, 55, 77.	2.0	6
44	Skeletal muscle function and need for long-term care of urban elderly people in Japan (the Bunkyo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	29
45	ACTN3 R577X Genotype Is Associated with ACTN3 Protein Expression Levels and Myosin Heavy Chain Composition in Japanese College-Level Male Sprinters. Juntendo Medical Journal, 2019, 65, 385-390.	0.1	0
46	Changes in the blood redox balance during a simulated duathlon race and its relationship with athletic performance. Physiological Reports, 2019, 7, e14277.	1.7	5
47	A nationwide observational study of locomotive syndrome in Japan using the ResearchKit: The Locomonitor study. Journal of Orthopaedic Science, 2019, 24, 1094-1104.	1.1	19
48	Sex-specific differences in rat soleus muscle signaling pathway responses to a bout of horizontal and downhill running. Journal of Physiology and Biochemistry, 2019, 75, 585-595.	3.0	3
49	Moderate-to-vigorous physical activity attenuates the detrimental effects of television viewing on the cardiorespiratory fitness in Asian adolescents: the Asia-fit study. BMC Public Health, 2019, 19, 1737.	2.9	8
50	COL5A1 rs12722 polymorphism is not associated with passive muscle stiffness and sports-related muscle injury in Japanese athletes. BMC Medical Genetics, 2019, 20, 192.	2.1	15
51	ESR1 rs2234693 Polymorphism Is Associated with Muscle Injury and Muscle Stiffness. Medicine and Science in Sports and Exercise, 2019, 51, 19-26.	0.4	45
52	Electromyostimulation with blood flow restriction enhances activation of mTOR and MAPK signaling pathways in rat gastrocnemius muscles. Applied Physiology, Nutrition and Metabolism, 2019, 44, 637-644.	1.9	8
53	Biological Effects of IL-26 on T Cellâ€“Mediated Skin Inflammation, Including Psoriasis. Journal of Investigative Dermatology, 2019, 139, 878-889.	0.7	39
54	Sex differences in forkhead box O3a signaling response to hindlimb unloading in rat soleus muscle. Journal of Physiological Sciences, 2019, 69, 235-244.	2.1	23

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55	Effects of Progressive Walking and Stair-Climbing Training Program on Muscle Size and Strength of the Lower Body in Untrained Older Adults. Journal of Sports Science and Medicine, 2019, 18, 722-728.	1.6	4
56	Effects of training intensity in electromyostimulation on human skeletal muscle. European Journal of Applied Physiology, 2018, 118, 1339-1347.	2.5	23
57	Association between objectively measured physical activity and body mass index with low back pain: a large-scale cross-sectional study of Japanese men. BMC Public Health, 2018, 18, 341.	2.9	13
58	Objectively Measured Physical Activity and Low Back Pain in Japanese Men. Journal of Physical Activity and Health, 2018, 15, 417-422.	2.0	2
59	Effects of Hyperventilation on Repeated Pedaling Sprint Performance: Short vs. Long Intervention Duration. Journal of Strength and Conditioning Research, 2018, 32, 170-180.	2.1	7
60	Effects of drop sets with resistance training on increases in muscle CSA, strength, and endurance: a pilot study. Journal of Sports Sciences, 2018, 36, 691-696.	2.0	33
61	Effects of a Bout of Downhill Running on Skeletal Muscle Function and Ca²⁺ Handling in Mouse Extensor Digitorum Longus Muscle. Juntendo Medical Journal, 2018, 64, 146-146.	0.1	0
62	Effect of a combination of astaxanthin supplementation, heat stress, and intermittent reloading on satellite cells during disuse muscle atrophy. Journal of Zhejiang University: Science B, 2018, 19, 844-852.	2.8	9
63	Body temperature elevation during exercise is essential for activating the Akt signaling pathway in the skeletal muscle of type 2 diabetic rats. PLoS ONE, 2018, 13, e0205456.	2.5	4
64	Effects of a progressive walking program on the risk of developing locomotive syndrome in elderly Japanese people: a single-arm trial. Journal of Physical Therapy Science, 2018, 30, 1180-1186.	0.6	4
65	AGTR2 and sprint/power performance: a case-control replication study for rs11091046 polymorphism in two ethnicities. Biology of Sport, 2018, 35, 105-109.	3.2	12
66	The Effects of Physical Inactivity on Neuromuscular Electrical Stimulation-Induced mTOR and MAPK Signaling Activation in Rat Skeletal Muscle. Juntendo Medical Journal, 2018, 64, 102-102.	0.1	0
67	The effectiveness of bench press training with or without throws on strength and shot put distance of competitive university athletes. European Journal of Applied Physiology, 2018, 118, 1821-1830.	2.5	14
68	Role of selected polymorphisms in determining muscle fiber composition in Japanese men and women. Journal of Applied Physiology, 2018, 124, 1377-1384.	2.5	22
69	Efficacy of heat-killed Lactococcus lactis JCM 5805 on immunity and fatigue during consecutive high intensity exercise in male athletes: a randomized, placebo-controlled, double-blinded trial. Journal of the International Society of Sports Nutrition, 2018, 15, 39.	3.9	50
70	Whey Peptides Intake activates mTOR Signaling after Resistance Exercise Independent of Sex and Menstrual Cycle. Medicine and Science in Sports and Exercise, 2018, 50, 553.	0.4	0
71	Effects of voluntary running exercise on bone histology in type 2 diabetic rats. PLoS ONE, 2018, 13, e0193068.	2.5	5
72	Neuromuscular electrical stimulation with blood flow restriction increases serum growth hormone concentration. Gazzetta Medica Italiana Archivio Per Le Scienze Mediche, 2018, 177, .	0.1	1

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73	Effects of Electrical Muscle Stimulation Against Acute Adverse Effect and Cancer Cachexia During Non-small Cell Lung Cancer Chemo-Radiotherapy. Juntendo Medical Journal, 2018, 64, 160-160.	0.1	0
74	Effects of Exercise Intervention on Physical and Cognitive Functions in Elderly Individuals with Locomotive Syndrome. Juntendo Medical Journal, 2018, 64, 153-157.	0.1	0
75	Effects of 6-Month Walking Program and 12-Month Detraining on Locomotive Syndrome Risk Stages and Brisk Walking Speed in Middle-Aged and Elderly Japanese People: a Case Report. Juntendo Medical Journal, 2018, 64, 185-189.	0.1	0
76	Effects of heat stress treatment and leucine supplementation on ageâ€related muscle loss in mice. FASEB Journal, 2018, 32, lb488.	0.5	0
77	Long-term Physical Inactivity Exacerbates Hindlimb Unloading-induced Soleus Muscle Atrophy In Young Rats. Medicine and Science in Sports and Exercise, 2018, 50, 808.	0.4	0
78	Combination of body massâ€based resistance training and highâ€intensity walking can improve both muscle size and O₂ peak in untrained older women. Geriatrics and Gerontology International, 2017, 17, 779-784.	1.5	7
79	Dietary astaxanthin supplementation attenuates disuse-induced muscle atrophy and myonuclear apoptosis in the rat soleus muscle. Journal of Physiological Sciences, 2017, 67, 181-190.	2.1	28
80	Circadian rhythm of intracellular protein synthesis signaling in rat cardiac and skeletal muscles. Biochemistry and Biophysics Reports, 2017, 9, 153-158.	1.3	23
81	Accumulation of immunoglobulin G against Dermatophagoides farinae tropomyosin in dorsal root ganglia of NC/Nga mice with atopic dermatitis-like symptoms. Biochemical and Biophysical Research Communications, 2017, 485, 707-712.	2.1	1
82	SIRT1 may play a crucial role in overloadâ€induced hypertrophy of skeletal muscle. Journal of Physiology, 2017, 595, 3361-3376.	2.9	29
83	Attenuation of exercise-induced heat shock protein 72 expression blunts improvements in whole-body insulin resistance in rats with type 2 diabetes. Cell Stress and Chaperones, 2017, 22, 263-269.	2.9	19
84	TLR4-defective (C3H/HeJ) mice are not protected from cast immobilization-induced muscle atrophy. Physiological Reports, 2017, 5, e13255.	1.7	5
85	Short-term treadmill exercise in a cold environment does not induce adrenal Hsp72 and Hsp25 expression. Journal of Physiological Sciences, 2017, 67, 407-413.	2.1	7
86	Fatness and Low Back Pain. Medicine and Science in Sports and Exercise, 2017, 49, 791-792.	0.4	0
87	Energy Expenditure In Low-load Resistance Exercise With Slow Movement Using Body Mass Alone As Load. Medicine and Science in Sports and Exercise, 2017, 49, 923.	0.4	0
88	Epistasis, physical capacity-related genes and exceptional longevity: FNDC5 gene interactions with candidate genes FOXOA3 and APOE. BMC Genomics, 2017, 18, 803.	2.8	19
89	Obesity and low back pain: a retrospective cohort study of Japanese males. Journal of Physical Therapy Science, 2017, 29, 978-983.	0.6	24
90	Zinc transporter ZIP13 suppresses beige adipocyte biogenesis and energy expenditure by regulating C/EBP-Î² expression. PLoS Genetics, 2017, 13, e1006950.	3.5	50

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91	Hyperventilation-Induced Respiratory Alkalosis Increases the Number of Repetitions Able to Be Performed During Resistance Training. Juntendo Medical Journal, 2016, 62, 170-170.	0.1	0
92	Effect of 6-Month Walking and Stair-Climbing Exercise Program and Walking with Blood Flow Restriction on Body Composition and Hemoglobin A1c Levels in Elderly People. Juntendo Medical Journal, 2016, 62, 231-235.	0.1	0
93	Strategies for maximizing power and strength gains in isoinertial resistance training: Implications for competitive athletes. The Journal of Physical Fitness and Sports Medicine, 2016, 5, 153-166.	0.3	9
94	Astaxanthin intake attenuates muscle atrophy caused by immobilization in rats. Physiological Reports, 2016, 4, e12885.	1.7	34
95	rs2802292 polymorphism in the FOXO3A gene and exceptional longevity in two ethnically distinct cohorts. Maturitas, 2016, 92, 110-114.	2.4	2
96	Osteoarthritis as a Cause of Locomotive Syndrome: Its Influence on Functional Mobility and Activities of Daily Living. Clinical Reviews in Bone and Mineral Metabolism, 2016, 14, 77-104.	0.8	10
97	Electrophysiological properties of brain-natriuretic peptide- and gastrin-releasing peptide-responsive dorsal horn neurons in spinal itch transmission. Neuroscience Letters, 2016, 627, 51-60.	2.1	6
98	Immobilization induces nuclear accumulation of HDAC4 in rat skeletal muscle. Journal of Physiological Sciences, 2016, 66, 337-343.	2.1	26
99	Effects of icing or heat stress on the induction of fibrosis and/or regeneration of injured rat soleus muscle. Journal of Physiological Sciences, 2016, 66, 345-357.	2.1	31
100	ACTN3 R577X genotype and athletic performance in a large cohort of Japanese athletes. European Journal of Sport Science, 2016, 16, 694-701.	2.7	40
101	Muscle-Related Polymorphisms (MSTN rs1805086 and ACTN3 rs1815739) Are Not Associated with Exceptional Longevity in Japanese Centenarians. PLoS ONE, 2016, 11, e0166605.	2.5	8
102	Effects of Transdermal Nicotine Patches on Energy Expenditure Measured with a Human Calorimeter. Juntendo Medical Journal, 2016, 62, 232-239.	0.1	2
103	Effect of Long-Term Training Program Combining Increased Physical Activity and Walking with Blood Flow Restriction on Locomotive Syndrome in the Elderly. Juntendo Medical Journal, 2016, 62, 211-217.	0.1	1
104	Acute Exercise Attenuates Cardiac Dysfunction After Ischemia/Reperfusion in Isolated Rat Heart. Juntendo Medical Journal, 2016, 62, 80-80.	0.1	0
105	The response of apoptotic and proteolytic systems to repeated heat stress in atrophied rat skeletal muscle. Physiological Reports, 2015, 3, e12597.	1.7	22
106	Relationships between Field Tests of Power and Athletic Performance in Track and Field Athletes Specializing in Power Events. International Journal of Sports Science and Coaching, 2015, 10, 133-144.	1.4	10
107	Effects of Electrostimulation with Blood Flow Restriction on Muscle Size and Strength. Medicine and Science in Sports and Exercise, 2015, 47, 2621-2627.	0.4	53
108	Exceptional longevity and muscle and fitness related genotypes: a functional in vitro analysis and case-control association replication study with SNPs THRH rs7832552, IL6 rs1800795, and ACSL1 rs6552828. Frontiers in Aging Neuroscience, 2015, 07, 59.	3.4	10

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109	Voluntary Exercise Can Ameliorate Insulin Resistance by Reducing iNOS-Mediated S-Nitrosylation of Akt in the Liver in Obese Rats. PLoS ONE, 2015, 10, e0132029.	2.5	25
110	Physiological stimuli necessary for muscle hypertrophy. The Journal of Physical Fitness and Sports Medicine, 2015, 4, 43-51.	0.3	14
111	Epigenetic Modulation of Gene Expression by Exercise. Healthy Ageing and Longevity, 2015, , 85-100.	0.2	4
112	Hyperventilation-induced respiratory alkalosis falls short of countering fatigue during repeated maximal isokinetic contractions. European Journal of Applied Physiology, 2015, 115, 1453-1465.	2.5	10
113	Whey peptide ingestion suppresses body fat accumulation in senescence-accelerated mouse prone 6 (SAMP6). European Journal of Nutrition, 2015, 54, 551-556.	3.9	7
114	Sumoylated Î±-skeletal muscle actin in the skeletal muscle of adult rats. Molecular and Cellular Biochemistry, 2015, 409, 59-66.	3.1	10
115	Repeated exposure to heat stress results in a diaphragm phenotype that resists ventilator-induced diaphragm dysfunction. Journal of Applied Physiology, 2015, 119, 1023-1031.	2.5	13
116	Effects of shortening and lengthening resistance exercise with low-intensity on physical fitness and muscular function in senior adults. Medical Express, 2015, 2, .	0.2	2
117	Temporary Termination During Long-term Voluntary Exercise Increases Exercise Volume After Exercise Resumed In Mice. Medicine and Science in Sports and Exercise, 2014, 46, 356.	0.4	0
118	The Effect Of Transdermal Nicotine Patch On Energy Expenditure.. Medicine and Science in Sports and Exercise, 2014, 46, 496.	0.4	0
119	Heat stress protects against mechanical ventilation-induced diaphragmatic atrophy. Journal of Applied Physiology, 2014, 117, 518-524.	2.5	15
120	Cardiorespiratory fitness, body mass index, and cancer mortality: a cohort study of Japanese men. BMC Public Health, 2014, 14, 1012.	2.9	31
121	Association Between Expression of FABPpm in Skeletal Muscle and Insulin Sensitivity in Intramyocellular Lipid-Accumulated Nonobese Men. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3343-3352.	3.6	21
122	Effects of walking combined with restricted leg blood flow on m<scp>TOR</scp> and <scp>MAPK</scp> signalling in young men. Acta Physiologica, 2014, 211, 97-106.	3.8	33
123	Whey protein intake after resistance exercise activates mTOR signaling in a dose-dependent manner in human skeletal muscle. European Journal of Applied Physiology, 2014, 114, 735-742.	2.5	27
124	Hyperventilation as a Strategy for Improved Repeated Sprint Performance. Journal of Strength and Conditioning Research, 2014, 28, 1119-1126.	2.1	15
125	Effects of massage and compression treatment on performance in three consecutive days. Medical Express, 2014, 1, .	0.2	6
126	Alterations In HDACs Expressions In Response To Endurance Training In Rat Plantaris Muscle.. Medicine and Science in Sports and Exercise, 2014, 46, 308-309.	0.4	0

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127	Effects of high-intensity and blood flow-restricted low-intensity resistance training on carotid arterial compliance: role of blood pressure during training sessions. European Journal of Applied Physiology, 2013, 113, 167-174.	2.5	64
128	Heat stress activates the <scp>A</scp>kt/m<scp>TOR</scp> signalling pathway in rat skeletal muscle. Acta Physiologica, 2013, 207, 416-426.	3.8	80
129	Effects of Proprioceptive Neuromuscular Facilitation Stretching and Static Stretching on Maximal Voluntary Contraction. Journal of Strength and Conditioning Research, 2013, 27, 195-201.	2.1	37
130	Alpha-actinin isoform and skeletal muscle activity. The Journal of Physical Fitness and Sports Medicine, 2013, 2, 229-231.	0.3	1
131	Submaximal cycling exercise stimulates mTOR signaling pathway in human skeletal muscle. FASEB Journal, 2013, 27, lb817.	0.5	0
132	Theoretical Study of Factors Affecting Ball Velocity in Instep Soccer Kicking. Journal of Applied Biomechanics, 2012, 28, 258-270.	0.8	12
133	Nitric oxide: Is it the cause of muscle soreness?. Nitric Oxide - Biology and Chemistry, 2012, 26, 89-94.	2.7	21
134	Fiber-type specific expression of Î±-actinin isoforms in rat skeletal muscle. Biochemical and Biophysical Research Communications, 2012, 419, 401-404.	2.1	9
135	Heat stress-induced changes in skeletal muscle: Heat shock proteins and cell signaling transduction. The Journal of Physical Fitness and Sports Medicine, 2012, 1, 125-131.	0.3	11
136	Satellite cell pool enhancement in rat plantaris muscle by endurance training depends on intensity rather than duration. Acta Physiologica, 2012, 205, 159-166.	3.8	46
137	Single bout of running exercise changes LC3-II expression in rat cardiac muscle. Biochemical and Biophysical Research Communications, 2011, 414, 756-760.	2.1	55
138	Determinants of intramyocellular lipid accumulation after dietary fat loading in non-obese men. Journal of Diabetes Investigation, 2011, 2, 310-317.	2.4	32
139	Effects of ageing and endurance exercise training on alphaâ€actinin isoforms in rat plantaris muscle. Acta Physiologica, 2011, 202, 683-690.	3.8	20
140	Regulation of Hypertrophic Signaling Pathways to a Low-volume Resistance Exercise in Older Individuals. Medicine and Science in Sports and Exercise, 2011, 43, 412.	0.4	0
141	The Effects of Heat Treatment on Glucose Tolerance in Type 2 Diabetic Rats. Medicine and Science in Sports and Exercise, 2011, 43, 596-597.	0.4	0
142	Cardiovascular Responses To Combined Elastic Tube And Walking Exercises. Medicine and Science in Sports and Exercise, 2011, 43, 520.	0.4	0
143	The Effects Of Transdermal Nicotine Patch On Cardiorespiratory Responses During Aerobic Exercise. Medicine and Science in Sports and Exercise, 2011, 43, 557.	0.4	0
144	Adaptation of Alpha-Actinin Isoforms to Endurance Exercise Training in Adult and Old Rat Plantaris Muscle. Medicine and Science in Sports and Exercise, 2011, 43, 302.	0.4	0

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145	Long-term Trends In Cardiorespiratory Fitness And The Incidence Of Hypertension. Medicine and Science in Sports and Exercise, 2011, 43, 785-786.	0.4	0
146	Age-dependent changes in 8-oxoguanine-DNA glycosylase activity are modulated by adaptive responses to physical exercise in human skeletal muscle. Free Radical Biology and Medicine, 2011, 51, 417-423.	2.9	82
147	Responses of muscle mass, strength and gene transcripts to long-term heat stress in healthy human subjects. European Journal of Applied Physiology, 2011, 111, 17-27.	2.5	67
148	Heat stress enhances mTOR signaling after resistance exercise in human skeletal muscle. Journal of Physiological Sciences, 2011, 61, 131-140.	2.1	58
149	Effects Of Resistance Exercise With Heat Stress On mTOR Signaling In Human Skeletal Muscle. Medicine and Science in Sports and Exercise, 2011, 43, 305.	0.4	0
150	Effects Of Heat Stress On Akt/mTOR Signaling In Rat Skeletal Muscle. Medicine and Science in Sports and Exercise, 2011, 43, 411.	0.4	0
151	Dietary Factors Alter the Oxygen Affinity of Hemoglobin. Juntendoì„ Igaku, 2011, 57, 624-629.	0.1	0
152	Fiberâ€specific expression of alphaâ€actininâ€3 protein in rat diaphragm. FASEB Journal, 2011, 25, lb588.	0.5	0
153	Acute Effects of High-Intensity Dumbbell Exercise After Isokinetic Eccentric Damage: Interaction between Altered Pain Perception and Fatigue on Static and Dynamic Muscle Performance. Journal of Strength and Conditioning Research, 2010, 24, 2042-2049.	2.1	10
154	Muscular and Performance Fitness and the Incidence of Type 2 Diabetes: Prospective Study of Japanese Men. Journal of Physical Activity and Health, 2010, 7, 627-632.	2.0	24
155	Effects of Phase III Cardiac Rehabilitation on Mortality and Cardiovascular Events in Elderly Patients With Stable Coronary Artery Disease. Circulation Journal, 2010, 74, 709-714.	1.6	29
156	Different Response Of Alpha-actinin Isoforms To Muscle Injury In Rat Skeletal Muscle. Medicine and Science in Sports and Exercise, 2010, 42, 7.	0.4	0
157	Effect Of Intermittent Heat Stress After Muscle Damage On Signaling Pathway In Rat Skeletal Muscle. Medicine and Science in Sports and Exercise, 2010, 42, 379.	0.4	0
158	Single Bout of Exercise Modulates Autophagy in Rat Cardiac Muscles. Medicine and Science in Sports and Exercise, 2010, 42, 635-636.	0.4	0
159	Physical Activity And Life-style Related Diseases: Cross-sectional Study In Japanese Workers. Medicine and Science in Sports and Exercise, 2010, 42, 37.	0.4	0
160	Effects of 4-week Supramaximal Exercise Training under Normobaric Hypoxia on Anaerobic Energy Release in Cyclists. Medicine and Science in Sports and Exercise, 2010, 42, 469.	0.4	0
161	Effects of Home-based Fall Prevention Training in Japanese Elederly Women with Different ACTN3 (R577X) Genotypes. Medicine and Science in Sports and Exercise, 2010, 42, 602.	0.4	0
162	Effects of Cardiac Rehabilitation on Cardiovascular Events in Elderly Patients with Stable Coronary Artery Disease. Medicine and Science in Sports and Exercise, 2010, 42, 723.	0.4	0

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163	Exercise alters SIRT1, SIRT6, NAD and NAMPT levels in skeletal muscle of aged rats. Mechanisms of Ageing and Development, 2010, 131, 21-28.	4.6	230
164	Glyceraldehydeâ€3â€phosphate dehydrogenase interacts with phosphorylated Akt resulting from increased blood glucose in rat cardiac muscle. FEBS Letters, 2010, 584, 2796-2800.	2.8	32
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