

Koichi Nakazato

List of Publications by Year in descending order

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65
papers

1,228
citations

394421

19
h-index

434195

31
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all docs

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docs citations

65
times ranked

1424
citing authors

#	ARTICLE	IF	CITATIONS
1	The ALDH2 rs671 polymorphism is associated with athletic status and muscle strength in a Japanese population. <i>Biology of Sport</i> , 2022, 39, 429-434.	3.2	8
2	Genetic profile of sports climbing athletes from three different ethnicities. <i>Biology of Sport</i> , 2022, 39, 913-919.	3.2	8
3	Is COL1A1 Gene rs1107946 Polymorphism Associated with Sport Climbing Status and Flexibility?. <i>Genes</i> , 2022, 13, 403.	2.4	3
4	Genes and Weightlifting Performance. <i>Genes</i> , 2022, 13, 25.	2.4	10
5	Aldehyde dehydrogenase 2 deficiency promotes skeletal muscle atrophy in aged mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 322, R511-R525.	1.8	6
6	Eccentric exercise causes delayed sensory nerve conduction velocity but no repeated bout effect in the flexor pollicis brevis muscles. <i>European Journal of Applied Physiology</i> , 2021, 121, 3069-3081.	2.5	3
7	Repeated bouts of resistance exercise in rats alter mechanistic target of rapamycin complex 1 activity and ribosomal capacity but not muscle protein synthesis. <i>Experimental Physiology</i> , 2021, 106, 1950-1960.	2.0	11
8	c-Myc overexpression increases ribosome biogenesis and protein synthesis independent of mTORC1 activation in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 321, E551-E559.	3.5	16
9	Effects of endurance training on the expression of host proteins involved in SARS-CoV-2 cell entry in C57BL/6J mouse. <i>Physiological Reports</i> , 2021, 9, e15014.	1.7	5
10	Central Tendon Injury Impairs Regional Neuromuscular Activation of the Rectus Femoris Muscle. <i>Sports</i> , 2021, 9, 150.	1.7	1
11	Eccentric contraction-induced muscle damage in human flexor pollicis brevis is accompanied by impairment of motor nerve. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 462-471.	2.9	3
12	Resistance exercise with anti-inflammatory foods attenuates skeletal muscle atrophy induced by chronic inflammation. <i>Journal of Applied Physiology</i> , 2020, 128, 197-211.	2.5	9
13	Apple polyphenols induce browning of white adipose tissue. <i>Journal of Nutritional Biochemistry</i> , 2020, 77, 108299.	4.2	28
14	Inorganic Iron Supplementation Rescues Hematological Insufficiency Even Under Intense Exercise Training in a Mouse Model of Iron Deficiency with Anemia. <i>Biological Trace Element Research</i> , 2020, 199, 2945-2960.	3.5	1
15	Ciliary Neurotrophic Factor Receptor rs41274853 Polymorphism Is Associated With Weightlifting Performance in Japanese Weightlifters. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 3037-3041.	2.1	9
16	Electrically stimulated contractile activity-induced transcriptomic responses and metabolic remodeling in $C\langle sub \rangle 2\langle /sub \rangle C\langle sub \rangle 12\langle /sub \rangle$ myotubes: twitch vs. tetanic contractions. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C1029-C1044.	4.6	21
17	Effects of blackcurrant extract on arterial functions in older adults: A randomized, double-blind, placebo-controlled, crossover trial. <i>Clinical and Experimental Hypertension</i> , 2020, 42, 640-647.	1.3	17
18	Repeated stretch-induced shortening contraction of the triceps surae attenuates muscle atrophy and liver dysfunction in a rat model of inflammation. <i>Experimental Physiology</i> , 2020, 105, 1111-1123.	2.0	4

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19	Acetaldehyde dehydrogenase 2 deficiency increases mitochondrial reactive oxygen species emission and induces mitochondrial protease Omi/HtrA2 in skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R677-R690.	1.8	16
20	The Effect of a Previous Strain Injury on Regional Neuromuscular Activation Within the Rectus Femoris. <i>Journal of Human Kinetics</i> , 2019, 66, 89-97.	1.5	8
21	Influence of shortened recovery between resistance exercise sessions on muscle hypertrophic effect in rat skeletal muscle. <i>Physiological Reports</i> , 2019, 7, e14155.	1.7	13
22	Cast immobilization of hindlimb upregulates sarcolipin expression in atrophied skeletal muscles and increases thermogenesis in C57BL/6J mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R649-R661.	1.8	19
23	Consecutive bouts of electrical stimulation-induced contractions alter ribosome biogenesis in rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2019, 126, 1673-1680.	2.5	10
24	The Effect of Changing the Contraction Mode During Resistance Training on mTORC1 Signaling and Muscle Protein Synthesis. <i>Frontiers in Physiology</i> , 2019, 10, 406.	2.8	12
25	Effects of the ACTN3 R577X Genotype on the Muscular Strength and Range of Motion Before and After Eccentric Contractions of the Elbow Flexors. <i>International Journal of Sports Medicine</i> , 2018, 39, 148-153.	1.7	11
26	Acute and Long-term Responses to Different Rest Intervals in Low Load Resistance Training. <i>Juntendo Medical Journal</i> , 2018, 64, 178-178.	0.1	0
27	Dietary apple polyphenols increase skeletal muscle capillaries in Wistar rats. <i>Physiological Reports</i> , 2018, 6, e13866.	1.7	9
28	Contralateral repeated bout effect after eccentric exercise on muscular activation. <i>European Journal of Applied Physiology</i> , 2018, 118, 1997-2005.	2.5	22
29	ALDH2 rs671 polymorphism is associated with athletic status and muscle phenotypes in the Japanese population. <i>FASEB Journal</i> , 2018, 32, 755.2.	0.5	0
30	Association between ACTN3 R577X Polymorphism and Trunk Flexibility in 2 Different Cohorts. <i>International Journal of Sports Medicine</i> , 2017, 38, 402-406.	1.7	22
31	Acute and Long-term Responses to Different Rest Intervals in Low-load Resistance Training. <i>International Journal of Sports Medicine</i> , 2017, 38, 118-124.	1.7	16
32	Cervical Intervertebral Disc Degeneration and Low Cervical Extension Independently Associated With a History of Stinger Syndrome. <i>Orthopaedic Journal of Sports Medicine</i> , 2017, 5, 232596711773583.	1.7	8
33	Sciatic Nerve Conductivity is Impaired by Hamstring Strain Injuries. <i>International Journal of Sports Medicine</i> , 2017, 38, 803-808.	1.7	14
34	Relationship between exercise volume and muscle protein synthesis in a rat model of resistance exercise. <i>Journal of Applied Physiology</i> , 2017, 123, 710-716.	2.5	32
35	Repeated bouts of resistance exercise with short recovery periods activates mTOR signaling, but not protein synthesis, in mouse skeletal muscle. <i>Physiological Reports</i> , 2017, 5, e13515.	1.7	15
36	Low-load bench press and push-up induce similar muscle hypertrophy and strength gain. <i>Journal of Exercise Science and Fitness</i> , 2017, 15, 37-42.	2.2	37

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37	Fastâ€œslow shift of muscle fiberâ€œtype composition by dietary apple polyphenols in rats: Impact of the lowâ€œdose supplementation. <i>Animal Science Journal</i> , 2017, 88, 489-499.	1.4	19
38	Moderate Intensity Cycling Exercise after Upper Extremity Resistance Training Interferes Response to Muscle Hypertrophy but Not Strength Gains. <i>Journal of Sports Science and Medicine</i> , 2017, 16, 391-395.	1.6	3
39	Habitual cocoa intake reduces arterial stiffness in postmenopausal women regardless of intake frequency: a randomized parallel-group study. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 1645-1652.	2.9	17
40	Repeated bouts of fast eccentric contraction produce sciatic nerve damage in rats. <i>Muscle and Nerve</i> , 2016, 54, 936-942.	2.2	10
41	The role of mTOR signalling in the regulation of skeletal muscle mass in a rodent model of resistance exercise. <i>Scientific Reports</i> , 2016, 6, 31142.	3.3	139
42	<i>ACTN3</i> R577X genotype and athletic performance in a large cohort of Japanese athletes. <i>European Journal of Sport Science</i> , 2016, 16, 694-701.	2.7	40
43	Repeated bouts of fast velocity eccentric contractions induce atrophy of gastrocnemius muscle in rats. <i>Journal of Muscle Research and Cell Motility</i> , 2015, 36, 317-327.	2.0	6
44	Effective utilization of genetic information for athletes and coaches: focus on <i>ACTN3</i> R577X polymorphism. <i>Journal of Exercise Nutrition & Biochemistry</i> , 2015, 19, 157-164.	1.3	25
45	Improvement of Endurance Based on Muscle Fiber-Type Composition by Treatment with Dietary Apple Polyphenols in Rats. <i>PLoS ONE</i> , 2015, 10, e0134303.	2.5	26
46	The <i>ACTN3</i> R577X genotype is associated with muscle function in a Japanese population. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 316-322.	1.9	28
47	Cartilage Intermediate Layer Protein and Asporin Polymorphisms Are Independent Risk Factors of Lumbar Disc Degeneration in Male Collegiate Athletes. <i>Cartilage</i> , 2014, 5, 37-42.	2.7	10
48	Eccentric contractions of gastrocnemius muscleâ€œinduced nerve damage in rats. <i>Muscle and Nerve</i> , 2014, 50, 87-94.	2.2	13
49	Temporal changes in ERK phosphorylation are harmonious with 4E-BP1, but not p70S6K, during clenbuterol-induced hypertrophy in the rat gastrocnemius. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 902-910.	1.9	4
50	The order of concurrent endurance and resistance exercise modifies mTOR signaling and protein synthesis in rat skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1155-E1162.	3.5	62
51	mTOR signaling response to resistance exercise is altered by chronic resistance training and detraining in skeletal muscle. <i>Journal of Applied Physiology</i> , 2013, 114, 934-940.	2.5	114
52	Effect of Intermittent Low-Frequency Electrical Stimulation on the Rat Gastrocnemius Muscle. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	22
53	Ursolic acid stimulates mTORC1 signaling after resistance exercise in rat skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E760-E765.	3.5	53
54	Anterior Limbus Vertebra and Intervertebral Disk Degeneration in Japanese Collegiate Gymnasts. <i>Orthopaedic Journal of Sports Medicine</i> , 2013, 1, 232596711350022.	1.7	7

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55	Characteristics of myogenic response and ankle torque recovery after lengthening contraction-induced rat gastrocnemius injury. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 211.	1.9	4
56	Roles played by protein metabolism and myogenic progenitor cells in exercise-induced muscle hypertrophy and their relation to resistance training regimens. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2012, 1, 83-94.	0.3	11
57	Regulatory mechanisms of muscle fiber types and their possible interactions with external nutritional stimuli. <i>The Journal of Physical Fitness and Sports Medicine</i> , 2012, 1, 655-664.	0.3	8
58	Muscular Hypertrophy and Changes in Cytokine Production After Eccentric Training in the Rat Skeletal Muscle. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 2283-2292.	2.1	21
59	Elevation of myostatin and FOXOs in prolonged muscular impairment induced by eccentric contractions in rat medial gastrocnemius muscle. <i>Journal of Applied Physiology</i> , 2010, 108, 306-313.	2.5	18
60	Dietary apple polyphenols have preventive effects against lengthening contraction-induced muscle injuries. <i>Molecular Nutrition and Food Research</i> , 2010, 54, 364-372.	3.3	31
61	Increased oxidative properties of gastrocnemius in rats fed on a high-protein diet. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 26-32.	4.2	12
62	Dietary Apple Polyphenols Enhance Gastrocnemius Function in Wistar Rats. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 934-940.	0.4	25
63	Effects of Dietary Apple Polyphenol on Adipose Tissues Weights in Wistar Rats. <i>Experimental Animals</i> , 2006, 55, 383-389.	1.1	41
64	THE EFFECT OF NECK MUSCLE TRAINING ON THE ISOMETRIC CERVICAL EXTENSION STRENGTH AND CROSS-SECTIONAL AREA OF THE NECK EXTENSOR MUSCLES -COMBINED TRAINING FOR NECK EXTENSOR MUSCLES USING A CERVICAL EXTENSION MACHINE-. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2006, 55, S1-S6.	0.0	1
65	Effect of Increased Excursion of the Ankle on the Severity of Acute Eccentric Contraction-Induced Strain Injury in the Gastrocnemius. <i>American Journal of Sports Medicine</i> , 2004, 32, 1263-1269.	4.2	31