

Kazunori Nosaka

List of Publications by Year in descending order

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Version: 2024-02-01

342
papers

15,723
citations

13068

68
h-index

27345

106
g-index

345
all docs

345
docs citations

345
times ranked

9085
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle function after exercise-induced muscle damage and rapid adaptation. <i>Medicine and Science in Sports and Exercise</i> , 1992, 24, 512-520.	0.2	562
2	Muscle damage and inflammation during recovery from exercise. <i>Journal of Applied Physiology</i> , 2017, 122, 559-570.	1.2	389
3	Muscle function after exercise-induced muscle damage and rapid adaptation. <i>Medicine and Science in Sports and Exercise</i> , 1992, 24, 512-20.	0.2	349
4	Characterization of inflammatory responses to eccentric exercise in humans. <i>Exercise Immunology Review</i> , 2005, 11, 64-85.	0.4	311
5	Changes in indicators of inflammation after eccentric exercise of the elbow flexors. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 953-961.	0.2	283
6	Muscle damage following repeated bouts of high force eccentric exercise. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 1263-1269.	0.2	254
7	Resistance Training and Reduction of Treatment Side Effects in Prostate Cancer Patients. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 2045-2052.	0.2	249
8	Delayed-onset muscle soreness does not reflect the magnitude of eccentric exercise-induced muscle damage. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2002, 12, 337-346.	1.3	246
9	How long does the protective effect on eccentric exercise-induced muscle damage last?. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 1490-1495.	0.2	221
10	Plasma cytokine changes in relation to exercise intensity and muscle damage. <i>European Journal of Applied Physiology</i> , 2005, 95, 514-521.	1.2	213
11	Exercise-Induced Muscle Damage, Plasma Cytokines, and Markers of Neutrophil Activation. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 737-745.	0.2	191
12	Mechanisms and Mediators of the Skeletal Muscle Repeated Bout Effect. <i>Exercise and Sport Sciences Reviews</i> , 2017, 45, 24-33.	1.6	191
13	Comparison in eccentric exercise-induced muscle damage among four limb muscles. <i>European Journal of Applied Physiology</i> , 2011, 111, 211-223.	1.2	175
14	Reliability and Validity of the Load-Velocity Relationship to Predict the 1RM Back Squat. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1897-1904.	1.0	161
15	Comparison between leg and arm eccentric exercises of the same relative intensity on indices of muscle damage. <i>European Journal of Applied Physiology</i> , 2005, 95, 179-185.	1.2	160
16	Changes in inflammatory mediators following eccentric exercise of the elbow flexors. <i>Exercise Immunology Review</i> , 2004, 10, 75-90.	0.4	159
17	Intensity of eccentric exercise, shift of optimum angle, and the magnitude of repeated-bout effect. <i>Journal of Applied Physiology</i> , 2007, 102, 992-999.	1.2	158
18	Reliability of Time-to-Exhaustion versus Time-Trial Running Tests in Runners. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1374-1379.	0.2	155

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19	Changes in markers of muscle damage, inflammation and HSP70 after an Ironman triathlon race. <i>European Journal of Applied Physiology</i> , 2006, 98, 525-534.	1.2	153
20	Variability in Serum Creatine Kinase Response After Eccentric Exercise of the Elbow Flexors. <i>International Journal of Sports Medicine</i> , 1996, 17, 120-127.	0.8	151
21	Ice Slurry Ingestion Increases Core Temperature Capacity and Running Time in the Heat. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 717-725.	0.2	150
22	Reliability of Performance Measurements Derived From Ground Reaction Force Data During Countermovement Jump and the Influence of Sampling Frequency. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 874-882.	1.0	146
23	Effect of elbow joint angle on the magnitude of muscle damage to the elbow flexors. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 22-29.	0.2	142
24	Changes in hardness of the human elbow flexor muscles after eccentric exercise. <i>European Journal of Applied Physiology</i> , 2000, 82, 361-367.	1.2	140
25	Greater Muscle Damage Induced by Fast Versus Slow Velocity Eccentric Exercise. <i>International Journal of Sports Medicine</i> , 2006, 27, 591-598.	0.8	140
26	Time course of muscle adaptation after high force eccentric exercise. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1991, 63, 70-76.	1.2	134
27	Assessment of quadriceps muscle cross-sectional area by ultrasound extended-field-of-view imaging. <i>European Journal of Applied Physiology</i> , 2010, 109, 631-639.	1.2	131
28	The repeated bout effect of reduced-load eccentric exercise on elbow flexor muscle damage. <i>European Journal of Applied Physiology</i> , 2001, 85, 34-40.	1.2	128
29	Does Performance of Hang Power Clean Differentiate Performance of Jumping, Sprinting, and Changing of Direction?. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 412-418.	1.0	127
30	Pre-cooling with ice slurry ingestion leads to similar run times to exhaustion in the heat as cold water immersion. <i>Journal of Sports Sciences</i> , 2012, 30, 155-165.	1.0	122
31	Validity of Various Methods for Determining Velocity, Force, and Power in the Back Squat. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 1170-1176.	1.1	122
32	Concentric or eccentric training effect on eccentric exercise-induced muscle damage. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 63-69.	0.2	114
33	Comparison of Responses to Strenuous Eccentric Exercise of the Elbow Flexors Between Resistance-Trained and Untrained Men. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 597-607.	1.0	112
34	Effects of massage on delayed-onset muscle soreness, swelling, and recovery of muscle function. <i>Journal of Athletic Training</i> , 2005, 40, 174-80.	0.9	110
35	Weightlifting Exercises Enhance Athletic Performance That Requires High-Load Speed Strength. <i>Strength and Conditioning Journal</i> , 2005, 27, 50-55.	0.7	102
36	Effects of Amino Acid Supplementation on Muscle Soreness and Damage. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2006, 16, 620-635.	1.0	102

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37	Neuromuscular Adaptations Associated with Knee Joint Angle-Specific Force Change. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1525-1537.	0.2	102
38	Effects of Chromium Picolinate Supplementation on Body Composition, Strength, and Urinary Chromium Loss in Football Players. <i>International Journal of Sport Nutrition</i> , 1994, 4, 142-153.	1.6	100
39	Relationships Between Ground Reaction Impulse and Sprint Acceleration Performance in Team Sport Athletes. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 568-573.	1.0	100
40	Changes in running economy following downhill running. <i>Journal of Sports Sciences</i> , 2007, 25, 55-63.	1.0	98
41	Core temperature and hydration status during an Ironman triathlon * Commentary * Commentary. <i>British Journal of Sports Medicine</i> , 2006, 40, 320-325.	3.1	96
42	Muscle damage following repeated bouts of high force eccentric exercise. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 1263-9.	0.2	94
43	Rate of force development as a measure of muscle damage. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 417-427.	1.3	93
44	Susceptibility to Exercise-Induced Muscle Damage: a Cluster Analysis with a Large Sample. <i>International Journal of Sports Medicine</i> , 2016, 37, 633-640.	0.8	93
45	Metabolic and Muscle Damage Profiles of Concentric versus Repeated Eccentric Cycling. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1773-1781.	0.2	91
46	Muscle Deoxygenation during Repeated Sprint Running: Effect of Active vs. Passive Recovery. <i>International Journal of Sports Medicine</i> , 2009, 30, 418-425.	0.8	90
47	Comparison between voluntary and stimulated contractions of the quadriceps femoris for growth hormone response and muscle damage. <i>Journal of Applied Physiology</i> , 2008, 104, 75-81.	1.2	87
48	Changes in fluctuation of isometric force following eccentric and concentric exercise of the elbow flexors. <i>European Journal of Applied Physiology</i> , 2006, 96, 235-240.	1.2	86
49	Muscle damage and soreness after endurance exercise of the elbow flexors. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 920-927.	0.2	83
50	Endocrine and immune responses to resistance training in prostate cancer patients. <i>Prostate Cancer and Prostatic Diseases</i> , 2008, 11, 160-165.	2.0	83
51	Muscle damage responses of the elbow flexors to four maximal eccentric exercise bouts performed every 4 weeks. <i>European Journal of Applied Physiology</i> , 2009, 106, 267-275.	1.2	83
52	Cold water immersion enhances recovery of submaximal muscle function after resistance exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R998-R1008.	0.9	83
53	Changes in neutrophil surface receptor expression, degranulation, and respiratory burst activity after moderate- and high-intensity exercise. <i>Journal of Applied Physiology</i> , 2004, 97, 612-618.	1.2	82
54	Difference in the magnitude of muscle damage between maximal and submaximal eccentric loading. <i>Journal of Strength and Conditioning Research</i> , 2002, 16, 202-8.	1.0	82

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55	A light load eccentric exercise confers protection against a subsequent bout of more demanding eccentric exercise. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 291-298.	0.6	81
56	The Reliability of Individualized Loadâ€“Velocity Profiles. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 763-769.	1.1	81
57	Effects of eccentric exercise on optimum length of the knee flexors and extensors during the preseason in professional soccer players. <i>Physical Therapy in Sport</i> , 2010, 11, 50-55.	0.8	80
58	Effect of a 5-min cold-water immersion recovery on exercise performance in the heat. <i>British Journal of Sports Medicine</i> , 2010, 44, 461-465.	3.1	80
59	Attenuation of indirect markers of eccentric exercise-induced muscle damage by curcumin. <i>European Journal of Applied Physiology</i> , 2015, 115, 1949-1957.	1.2	79
60	Effect of bench press exercise intensity on muscle soreness and inflammatory mediators. <i>Journal of Sports Sciences</i> , 2009, 27, 499-507.	1.0	78
61	Muscle damage induced by electrical stimulation. <i>European Journal of Applied Physiology</i> , 2011, 111, 2427-2437.	1.2	78
62	Comparison of Four Different Methods to Measure Power Output During the Hang Power Clean and the Weighted Jump Squat. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 314.	1.0	78
63	Effect of cold water immersion after exercise in the heat on muscle function, body temperatures, and vessel diameter. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 91-96.	0.6	77
64	Partial Protection against Muscle Damage by Eccentric Actions at Short Muscle Lengths. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 746-753.	0.2	76
65	Monitoring Training Load, Recovery-Stress State, Immune-Endocrine Responses, and Physical Performance in Elite Female Basketball Players During a Periodized Training Program. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 2973-2980.	1.0	76
66	Changes in running economy at different intensities following downhill running. <i>Journal of Sports Sciences</i> , 2009, 27, 1137-1144.	1.0	75
67	Contribution of central vs. peripheral factors to the force loss induced by passive stretch of the human plantar flexors. <i>Journal of Applied Physiology</i> , 2013, 115, 212-218.	1.2	74
68	Effect of cold-water immersion duration on body temperature and muscle function. <i>Journal of Sports Sciences</i> , 2009, 27, 987-993.	1.0	73
69	Temporal and kinetic analysis of unilateral jumping in the vertical, horizontal, and lateral directions. <i>Journal of Sports Sciences</i> , 2010, 28, 545-554.	1.0	72
70	Severe hypoxia affects exercise performance independently of afferent feedback and peripheral fatigue. <i>Journal of Applied Physiology</i> , 2012, 112, 1335-1344.	1.2	71
71	Effect of transcranial direct current stimulation on elbow flexor maximal voluntary isometric strength and endurance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 734-739.	0.9	71
72	The effects of therapeutic massage on delayed onset muscle soreness and muscle function following downhill walking. <i>Journal of Science and Medicine in Sport</i> , 2002, 5, 297-306.	0.6	70

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73	Influence of Surface on Muscle Damage and Soreness Induced by Consecutive Drop Jumps. <i>Journal of Strength and Conditioning Research</i> , 2004, 18, 206.	1.0	70
74	Effects of weighted sled towing on ground reaction force during the acceleration phase of sprint running. <i>Journal of Sports Sciences</i> , 2014, 32, 1139-1145.	1.0	69
75	Influence of previous concentric exercise on eccentric exercise-induced muscle damage. <i>Journal of Sports Sciences</i> , 1997, 15, 477-483.	1.0	67
76	Neurophysiological Mechanisms Underpinning Stretch-Induced Force Loss. <i>Sports Medicine</i> , 2017, 47, 1531-1541.	3.1	67
77	Attenuation of Eccentric Exercise-Induced Muscle Damage by Preconditioning Exercises. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2090-2098.	0.2	66
78	Effects of Weighted Sled Towing With Heavy Versus Light Load on Sprint Acceleration Ability. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 2738-2745.	1.0	66
79	Difference in the Magnitude of Muscle Damage Between Maximal and Submaximal Eccentric Loading. <i>Journal of Strength and Conditioning Research</i> , 2002, 16, 202.	1.0	66
80	Body temperature and its effect on leukocyte mobilization, cytokines and markers of neutrophil activation during and after exercise. <i>European Journal of Applied Physiology</i> , 2008, 102, 391-401.	1.2	65
81	Effects of Flexibility Training on Eccentric Exercise-Induced Muscle Damage. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 491-500.	0.2	65
82	Can passive stretch inhibit motoneuron facilitation in the human plantar flexors?. <i>Journal of Applied Physiology</i> , 2014, 117, 1486-1492.	1.2	64
83	Modulating exercise-induced hormesis: Does less equal more?. <i>Journal of Applied Physiology</i> , 2015, 119, 172-189.	1.2	62
84	Effect of Vibration Treatment on Symptoms Associated with Eccentric Exercise-Induced Muscle Damage. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011, 90, 648-657.	0.7	60
85	Monitoring training loads, stress, immune-endocrine responses and performance in tennis players. <i>Biology of Sport</i> , 2013, 30, 173-180.	1.7	58
86	Respiratory muscle training on pulmonary and swallowing function in patients with Huntington's disease: a pilot randomised controlled trial. <i>Clinical Rehabilitation</i> , 2015, 29, 961-973.	1.0	58
87	Comparison between old and young men for changes in makers of muscle damage following voluntary eccentric exercise of the elbow flexors. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006, 31, 218-225.	0.9	57
88	Muscle damage protection by low-intensity eccentric contractions remains for 2 weeks but not 3 weeks. <i>European Journal of Applied Physiology</i> , 2012, 112, 555-565.	1.2	57
89	Effect of Lengthening Contraction Velocity on Muscle Damage of the Elbow Flexors. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 926-933.	0.2	55
90	Damage and the repeated bout effect of arm, leg, and trunk muscles induced by eccentric resistance exercises. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 725-735.	1.3	54

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91	Contralateral Leg Deficits in Kinetic and Kinematic Variables During Running in Australian Rules Football Players With Previous Hamstring Injuries. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 2539-2544.	1.0	53
92	Potent Protective Effect Conferred by Four Bouts of Low-Intensity Eccentric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 1004-1012.	0.2	53
93	Factors contributing to lower metabolic demand of eccentric compared with concentric cycling. <i>Journal of Applied Physiology</i> , 2017, 123, 884-893.	1.2	53
94	Effects of Transcranial Direct Current Stimulation of the Motor Cortex on Prefrontal Cortex Activation During a Neuromuscular Fatigue Task: An fNIRS Study. <i>Advances in Experimental Medicine and Biology</i> , 2013, 789, 73-79.	0.8	53
95	Muscle Fascicle Behavior during Eccentric Cycling and Its Relation to Muscle Soreness. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 708-717.	0.2	52
96	Superior Effects of Eccentric to Concentric Knee Extensor Resistance Training on Physical Fitness, Insulin Sensitivity and Lipid Profiles of Elderly Men. <i>Frontiers in Physiology</i> , 2017, 8, 209.	1.3	52
97	Relationship between Post-Exercise Plasma CK Elevation and Muscle Mass Involved in the Exercise. <i>International Journal of Sports Medicine</i> , 1992, 13, 471-475.	0.8	51
98	Dynamic Pacing Strategies during the Cycle Phase of an Ironman Triathlon. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 726-734.	0.2	51
99	Reliability of near-infrared spectroscopy for measuring biceps brachii oxygenation during sustained and repeated isometric contractions. <i>Journal of Biomedical Optics</i> , 2010, 15, 017008.	1.4	51
100	Systemic inflammatory responses to maximal versus submaximal lengthening contractions of the elbow flexors. <i>Exercise Immunology Review</i> , 2006, 12, 72-85.	0.4	51
101	Changes in serum fast and slow skeletal troponin I concentration following maximal eccentric contractions. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 82-85.	0.6	50
102	Responses of human elbow flexor muscles to electrically stimulated forced lengthening exercise. <i>Acta Physiologica Scandinavica</i> , 2002, 174, 137-145.	2.3	49
103	Attenuation of muscle damage by preconditioning with muscle hyperthermia 1-day prior to eccentric exercise. <i>European Journal of Applied Physiology</i> , 2006, 99, 183-192.	1.2	48
104	Assessment of Muscle Pain Induced by Elbow-Flexor Eccentric Exercise. <i>Journal of Athletic Training</i> , 2015, 50, 1140-1148.	0.9	48
105	Attenuation of Protective Effect Against Eccentric Exercise-Induced Muscle Damage. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005, 30, 529-542.	1.7	47
106	Comparison of Different Methods of Determining Power Output in Weightlifting Exercises. <i>Strength and Conditioning Journal</i> , 2006, 28, 34-40.	0.7	47
107	Effect of cold water immersion on repeated 1-km cycling performance in the heat. <i>Journal of Science and Medicine in Sport</i> , 2010, 13, 112-116.	0.6	47
108	Visual Analog Scale and Pressure Pain Threshold for Delayed Onset Muscle Soreness Assessment. <i>Journal of Musculoskeletal Pain</i> , 2013, 21, 320-326.	0.3	47

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109	Factors influencing pacing in triathlon. <i>Open Access Journal of Sports Medicine</i> , 2014, 5, 223.	0.6	47
110	Intermittent Stretch Reduces Force and Central Drive more than Continuous Stretch. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 902-910.	0.2	47
111	Effect of lower body compression garments on submaximal and maximal running performance in cold (10Å°C) and hot (32Å°C) environments. <i>European Journal of Applied Physiology</i> , 2011, 111, 819-826.	1.2	46
112	Contralateral Repeated Bout Effect of Eccentric Exercise of the Elbow Flexors. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2030-2039.	0.2	46
113	Effects of Descending Stair Walking on Health and Fitness of Elderly Obese Women. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1614-1622.	0.2	46
114	Respiratory Muscle Training for Respiratory Deficits in Neurodegenerative Disorders. <i>Chest</i> , 2013, 143, 1386-1394.	0.4	44
115	Responses of Elbow Flexors to Two Strenuous Eccentric Exercise Bouts Separated by Three Days. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 108.	1.0	44
116	Effect of two maximal isometric contractions on eccentric exercise-induced muscle damage of the elbow flexors. <i>European Journal of Applied Physiology</i> , 2013, 113, 1545-1554.	1.2	43
117	Eccentric exercise-induced muscle damage of pre-adolescent and adolescent boys in comparison to young men. <i>European Journal of Applied Physiology</i> , 2014, 114, 1183-1195.	1.2	43
118	Is isometric strength loss immediately after eccentric exercise related to changes in indirect markers of muscle damage?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006, 31, 313-319.	0.9	42
119	Responses of old men to repeated bouts of eccentric exercise of the elbow flexors in comparison with young men. <i>European Journal of Applied Physiology</i> , 2006, 97, 619-626.	1.2	42
120	Comparison of the Effects of Velocity-Based Training Methods and Traditional 1RM-Percent-Based Training Prescription on Acute Kinetic and Kinematic Variables. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 246-255.	1.1	42
121	Changes in markers of muscle damage of middle-aged and young men following eccentric exercise of the elbow flexors. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 124-131.	0.6	41
122	Repeated eccentric exercise bouts do not exacerbate muscle damage and repair. <i>Journal of Strength and Conditioning Research</i> , 2002, 16, 117-22.	1.0	41
123	Corticomotor excitability of wrist flexor and extensor muscles during active and passive movement. <i>Human Movement Science</i> , 2010, 29, 494-501.	0.6	40
124	Less indication of muscle damage in the second than initial electrical muscle stimulation bout consisting of isometric contractions of the knee extensors. <i>European Journal of Applied Physiology</i> , 2010, 108, 709-717.	1.2	38
125	Changes in electrical pain threshold of fascia and muscle after initial and secondary bouts of elbow flexor eccentric exercise. <i>European Journal of Applied Physiology</i> , 2015, 115, 959-968.	1.2	38
126	Superior Changes in Jump, Sprint, and Change-of-Direction Performance but Not Maximal Strength Following 6 Weeks of Velocity-Based Training Compared With 1-Repetition-Maximum Percentage-Based Training. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 232-242.	1.1	38

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127	Comparison between old and young men for responses to fast velocity maximal lengthening contractions of the elbow flexors. <i>European Journal of Applied Physiology</i> , 2008, 104, 531-539.	1.2	37
128	Work and peak torque during eccentric exercise do not predict changes in markers of muscle damage. <i>British Journal of Sports Medicine</i> , 2008, 42, 585-591.	3.1	37
129	The Effect of Three Different Start Thresholds on the Kinematics and Kinetics of a Countermovement Jump. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 1164-1167.	1.0	37
130	Pacing strategies during the swim, cycle and run disciplines of sprint, Olympic and half-Ironman triathlons. <i>European Journal of Applied Physiology</i> , 2015, 115, 1147-1154.	1.2	37
131	Light concentric exercise has a temporarily analgesic effect on delayed-onset muscle soreness, but no effect on recovery from eccentric exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006, 31, 126-134.	0.9	36
132	Application of eccentric exercise on an Australian Rules football player with recurrent hamstring injuries. <i>Physical Therapy in Sport</i> , 2009, 10, 75-80.	0.8	36
133	Changes in central and peripheral neuromuscular fatigue indices after concentric versus eccentric contractions of the knee extensors. <i>European Journal of Applied Physiology</i> , 2018, 118, 805-816.	1.2	36
134	Contralateral Effects by Unilateral Eccentric versus Concentric Resistance Training. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 474-483.	0.2	36
135	Muscle Damage in Resistance Training. <i>International Journal of Sport and Health Science</i> , 2003, 1, 1-8.	0.0	35
136	Comparison between alternating and pulsed current electrical muscle stimulation for muscle and systemic acute responses. <i>Journal of Applied Physiology</i> , 2010, 109, 735-744.	1.2	35
137	Comparison in muscle damage between maximal voluntary and electrically evoked isometric contractions of the elbow flexors. <i>European Journal of Applied Physiology</i> , 2012, 112, 429-438.	1.2	35
138	Do dominant and non-dominant arms respond similarly to maximal eccentric exercise of the elbow flexors?. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 166-171.	0.6	35
139	Effect of hot versus cold climates on power output, muscle activation, and perceived fatigue during a dynamic 100-km cycling trial. <i>Journal of Sports Sciences</i> , 2010, 28, 117-125.	1.0	34
140	The influence of ice slurry ingestion on maximal voluntary contraction following exercise-induced hyperthermia. <i>European Journal of Applied Physiology</i> , 2011, 111, 2517-2524.	1.2	34
141	Two maximal isometric contractions attenuate the magnitude of eccentric exercise-induced muscle damage. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 680-689.	0.9	34
142	Low-intensity eccentric contractions attenuate muscle damage induced by subsequent maximal eccentric exercise of the knee extensors in the elderly. <i>European Journal of Applied Physiology</i> , 2013, 113, 1005-1015.	1.2	34
143	Muscle damage after low-intensity eccentric contractions with blood flow restriction. <i>Acta Physiologica Hungarica</i> , 2014, 101, 150-157.	0.9	34
144	Changes in force and stiffness after static stretching of eccentrically-damaged hamstrings. <i>European Journal of Applied Physiology</i> , 2015, 115, 981-991.	1.2	34

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145	Effects of isometric quadriceps strength training at different muscle lengths on dynamic torque production. <i>Journal of Sports Sciences</i> , 2015, 33, 1952-1961.	1.0	34
146	Muscle Architecture and Optimum Angle of the Knee Flexors and Extensors: A Comparison Between Cyclists and Australian Rules Football Players. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 717-721.	1.0	33
147	Reduced muscle lengthening during eccentric contractions as a mechanism underpinning the repeated-bout effect. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R879-R886.	0.9	33
148	Changes in oxidative stress, inflammation and muscle damage markers following eccentric versus concentric cycling in older adults. <i>European Journal of Applied Physiology</i> , 2019, 119, 2301-2312.	1.2	33
149	Effects of a 30-min running performed daily after downhill running on recovery of muscle function and running economy. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 271-279.	0.6	32
150	Effects of cold water immersion and active recovery on hemodynamics and recovery of muscle strength following resistance exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R389-R398.	0.9	31
151	Relationship between isometric contraction intensity and muscle hardness assessed by ultrasound strain elastography. <i>European Journal of Applied Physiology</i> , 2017, 117, 843-852.	1.2	31
152	Effect of carbohydrate ingestion and ambient temperature on muscle fatigue development in endurance-trained male cyclists. <i>Journal of Applied Physiology</i> , 2008, 104, 1021-1028.	1.2	30
153	Effect of eccentric contraction velocity on muscle damage in repeated bouts of elbow flexor exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010, 35, 534-540.	0.9	30
154	Comparison between maximal lengthening and shortening contractions for biceps brachii muscle oxygenation and hemodynamics. <i>Journal of Applied Physiology</i> , 2010, 109, 710-720.	1.2	29
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