Kazunori Nosaka

List of Publications by Citations

329 papers	12,188 citations	62 h-index	94 g-index
345 ext. papers	13,557 ext. citations	3.1 avg, IF	6.65 L-index

#	Paper	IF	Citations
329	Muscle function after exercise-induced muscle damage and rapid adaptation. *Medicine and Science in Sports and Exercise*, **1992**, 24, 512???520	1.2	353
328	Muscle function after exercise-induced muscle damage and rapid adaptation. *Medicine and Science in Sports and Exercise*, **1992**, 24, 512-20	1.2	302
327	Characterization of inflammatory responses to eccentric exercise in humans. *Exercise Immunology Review*, **2005**, 11, 64-85	8.6	273
326	Muscle damage and inflammation during recovery from exercise. *Journal of Applied Physiology*, **2017**, 122, 559-570	3.7	247
325	Changes in indicators of inflammation after eccentric exercise of the elbow flexors. *Medicine and Science in Sports and Exercise*, **1996**, 28, 953-61	1.2	227
324	Resistance training and reduction of treatment side effects in prostate cancer patients. *Medicine and Science in Sports and Exercise*, **2006**, 38, 2045-52	1.2	217
323	Delayed-onset muscle soreness does not reflect the magnitude of eccentric exercise-induced muscle damage. *Scandinavian Journal of Medicine and Science in Sports*, **2002**, 12, 337-46	4.6	205
322	Muscle damage following repeated bouts of high force eccentric exercise. *Medicine and Science in Sports and Exercise*, **1995**, 27, 1263???1269	1.2	194
321	How long does the protective effect on eccentric exercise-induced muscle damage last?. *Medicine and Science in Sports and Exercise*, **2001**, 33, 1490-5	1.2	181
320	Plasma cytokine changes in relation to exercise intensity and muscle damage. *European Journal of Applied Physiology*, **2005**, 95, 514-21	3.4	178
319	Exercise-induced muscle damage, plasma cytokines, and markers of neutrophil activation. *Medicine and Science in Sports and Exercise*, **2005**, 37, 737-45	1.2	153
318	Comparison in eccentric exercise-induced muscle damage among four limb muscles. *European Journal of Applied Physiology*, **2011**, 111, 211-23	3.4	149
317	Changes in inflammatory mediators following eccentric exercise of the elbow flexors. *Exercise Immunology Review*, **2004**, 10, 75-90	8.6	143
316	Mechanisms and Mediators of the Skeletal Muscle Repeated Bout Effect. *Exercise and Sport Sciences Reviews*, **2017**, 45, 24-33	6.7	138
315	Intensity of eccentric exercise, shift of optimum angle, and the magnitude of repeated-bout effect. *Journal of Applied Physiology*, **2007**, 102, 992-9	3.7	134
314	Comparison between leg and arm eccentric exercises of the same relative intensity on indices of muscle damage. *European Journal of Applied Physiology*, **2005**, 95, 179-85	3.4	134
313	Changes in markers of muscle damage, inflammation and HSP70 after an Ironman Triathlon race. *European Journal of Applied Physiology*, **2006**, 98, 525-34	3.4	131

312	Ice slurry ingestion increases core temperature capacity and running time in the heat. *Medicine and Science in Sports and Exercise*, **2010**, 42, 717-25	1.2	120
311	Changes in hardness of the human elbow flexor muscles after eccentric exercise. *European Journal of Applied Physiology*, **2000**, 82, 361-7	3.4	118
310	Variability in serum creatine kinase response after eccentric exercise of the elbow flexors. *International Journal of Sports Medicine*, **1996**, 17, 120-7	3.6	114
309	The repeated bout effect of reduced-load eccentric exercise on elbow flexor muscle damage. *European Journal of Applied Physiology*, **2001**, 85, 34-40	3.4	114
308	Effect of elbow joint angle on the magnitude of muscle damage to the elbow flexors. *Medicine and Science in Sports and Exercise*, **2001**, 33, 22-9	1.2	114
307	Time course of muscle adaptation after high force eccentric exercise. *European Journal of Applied Physiology and Occupational Physiology*, **1991**, 63, 70-6		113
306	Reliability of time-to-exhaustion versus time-trial running tests in runners. *Medicine and Science in Sports and Exercise*, **2007**, 39, 1374-9	1.2	109
305	Reliability and Validity of the Load-Velocity Relationship to Predict the 1RM Back Squat. *Journal of Strength and Conditioning Research*, **2017**, 31, 1897-1904	3.2	108
304	Reliability of performance measurements derived from ground reaction force data during countermovement jump and the influence of sampling frequency. *Journal of Strength and Conditioning Research*, **2009**, 23, 874-82	3.2	107
303	Assessment of quadriceps muscle cross-sectional area by ultrasound extended-field-of-view imaging. *European Journal of Applied Physiology*, **2010**, 109, 631-9	3.4	107
302	Does performance of hang power clean differentiate performance of jumping, sprinting, and changing of direction?. *Journal of Strength and Conditioning Research*, **2008**, 22, 412-8	3.2	106
301	Greater muscle damage induced by fast versus slow velocity eccentric exercise. *International Journal of Sports Medicine*, **2006**, 27, 591-8	3.6	105
300	Effects of massage on delayed-onset muscle soreness, swelling, and recovery of muscle function. *Journal of Athletic Training*, **2005**, 40, 174-80	4	101
299	Pre-cooling with ice slurry ingestion leads to similar run times to exhaustion in the heat as cold water immersion. *Journal of Sports Sciences*, **2012**, 30, 155-65	3.6	99
298	Validity of Various Methods for Determining Velocity, Force, and Power in the Back Squat. *International Journal of Sports Physiology and Performance*, **2017**, 12, 1170-1176	3.5	93
297	Concentric or eccentric training effect on eccentric exercise-induced muscle damage. *Medicine and Science in Sports and Exercise*, **2002**, 34, 63-9	1.2	88
296	Muscle damage following repeated bouts of high force eccentric exercise. *Medicine and Science in Sports and Exercise*, **1995**, 27, 1263-9	1.2	86
295	Changes in running economy following downhill running. *Journal of Sports Sciences*, **2007**, 25, 55-63	3.6	84

294	Effects of chromium picolinate supplementation on body composition, strength, and urinary chromium loss in football players. *International Journal of Sport Nutrition*, **1994**, 4, 142-53		83
293	Rate of force development as a measure of muscle damage. *Scandinavian Journal of Medicine and Science in Sports*, **2015**, 25, 417-27	4.6	82
292	Relationships between ground reaction impulse and sprint acceleration performance in team sport athletes. *Journal of Strength and Conditioning Research*, **2013**, 27, 568-73	3.2	82
291	Comparison of responses to strenuous eccentric exercise of the elbow flexors between resistance-trained and untrained men. *Journal of Strength and Conditioning Research*, **2008**, 22, 597-607	3.2	82
290	Effects of amino acid supplementation on muscle soreness and damage. *International Journal of Sport Nutrition and Exercise Metabolism*, **2006**, 16, 620-35	4.4	82
289	Weightlifting Exercises Enhance Athletic Performance That Requires High-Load Speed Strength. *Strength and Conditioning Journal*, **2005**, 27, 50-55	2	82
288	Difference in the magnitude of muscle damage between maximal and submaximal eccentric loading. *Journal of Strength and Conditioning Research*, **2002**, 16, 202-8	3.2	77
287	A light load eccentric exercise confers protection against a subsequent bout of more demanding eccentric exercise. *Journal of Science and Medicine in Sport*, **2008**, 11, 291-8	4.4	76
286	Endocrine and immune responses to resistance training in prostate cancer patients. *Prostate Cancer and Prostatic Diseases*, **2008**, 11, 160-5	6.2	75
285	Muscle damage responses of the elbow flexors to four maximal eccentric exercise bouts performed every 4 weeks. *European Journal of Applied Physiology*, **2009**, 106, 267-75	3.4	74
284	Core temperature and hydration status during an Ironman triathlon. *British Journal of Sports Medicine*, **2006**, 40, 320-5; discussion 325	10.3	72
283	Neuromuscular adaptations associated with knee joint angle-specific force change. *Medicine and Science in Sports and Exercise*, **2014**, 46, 1525-37	1.2	71
282	Comparison between voluntary and stimulated contractions of the quadriceps femoris for growth hormone response and muscle damage. *Journal of Applied Physiology*, **2008**, 104, 75-81	3.7	71
281	Changes in fluctuation of isometric force following eccentric and concentric exercise of the elbow flexors. *European Journal of Applied Physiology*, **2006**, 96, 235-40	3.4	71
280	Changes in neutrophil surface receptor expression, degranulation, and respiratory burst activity after moderate- and high-intensity exercise. *Journal of Applied Physiology*, **2004**, 97, 612-8	3.7	69
279	Metabolic and muscle damage profiles of concentric versus repeated eccentric cycling. *Medicine and Science in Sports and Exercise*, **2013**, 45, 1773-81	1.2	68
278	Cold water immersion enhances recovery of submaximal muscle function after resistance exercise. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R998-R1008	2.2	67
277	Muscle deoxygenation during repeated sprint running: Effect of active vs. passive recovery. *International Journal of Sports Medicine*, **2009**, 30, 418-25	3.6	67

276	Effect of bench press exercise intensity on muscle soreness and inflammatory mediators. *Journal of Sports Sciences*, **2009**, 27, 499-507	3.6	67
275	Muscle damage induced by electrical stimulation. *European Journal of Applied Physiology*, **2011**, 111, 2427-37	3.4	66
274	Effect of cold water immersion after exercise in the heat on muscle function, body temperatures, and vessel diameter. *Journal of Science and Medicine in Sport*, **2009**, 12, 91-6	4.4	65
273	Effects of eccentric exercise on optimum length of the knee flexors and extensors during the preseason in professional soccer players. *Physical Therapy in Sport*, **2010**, 11, 50-5	3	64
272	Partial protection against muscle damage by eccentric actions at short muscle lengths. *Medicine and Science in Sports and Exercise*, **2005**, 37, 746-53	1.2	64
271	Comparison of four different methods to measure power output during the hang power clean and the weighted jump squat. *Journal of Strength and Conditioning Research*, **2007**, 21, 314-20	3.2	64
270	Effect of a 5-min cold-water immersion recovery on exercise performance in the heat. *British Journal of Sports Medicine*, **2010**, 44, 461-5	10.3	63
269	Muscle damage and soreness after endurance exercise of the elbow flexors. *Medicine and Science in Sports and Exercise*, **2002**, 34, 920-7	1.2	62
268	Susceptibility to Exercise-Induced Muscle Damage: a Cluster Analysis with a Large Sample. *International Journal of Sports Medicine*, **2016**, 37, 633-40	3.6	62
267	Effect of cold-water immersion duration on body temperature and muscle function. *Journal of Sports Sciences*, **2009**, 27, 987-93	3.6	61
266	Changes in running economy at different intensities following downhill running. *Journal of Sports Sciences*, **2009**, 27, 1137-44	3.6	61
265	Contribution of central vs. peripheral factors to the force loss induced by passive stretch of the human plantar flexors. *Journal of Applied Physiology*, **2013**, 115, 212-8	3.7	59
264	Attenuation of eccentric exercise-induced muscle damage by preconditioning exercises. *Medicine and Science in Sports and Exercise*, **2012**, 44, 2090-8	1.2	59
263	Influence of previous concentric exercise on eccentric exercise-induced muscle damage. *Journal of Sports Sciences*, **1997**, 15, 477-83	3.6	58
262	Body temperature and its effect on leukocyte mobilization, cytokines and markers of neutrophil activation during and after exercise. *European Journal of Applied Physiology*, **2008**, 102, 391-401	3.4	58
261	The effects of therapeutic massage on delayed onset muscle soreness and muscle function following downhill walking. *Journal of Science and Medicine in Sport*, **2002**, 5, 297-306	4.4	58
260	Severe hypoxia affects exercise performance independently of afferent feedback and peripheral fatigue. *Journal of Applied Physiology*, **2012**, 112, 1335-44	3.7	57
259	Monitoring training load, recovery-stress state, immune-endocrine responses, and physical performance in elite female basketball players during a periodized training program. *Journal of Strength and Conditioning Research*, **2014**, 28, 2973-80	3.2	53

258	Effects of weighted sled towing on ground reaction force during the acceleration phase of sprint running. *Journal of Sports Sciences*, **2014**, 32, 1139-45	3.6	53
257	Effect of transcranial direct current stimulation on elbow flexor maximal voluntary isometric strength and endurance. *Applied Physiology, Nutrition and Metabolism*, **2013**, 38, 734-9	3	52
256	Influence of surface on muscle damage and soreness induced by consecutive drop jumps. *Journal of Strength and Conditioning Research*, **2004**, 18, 206-11	3.2	52
255	The Reliability of Individualized Load-Velocity Profiles. *International Journal of Sports Physiology and Performance*, **2018**, 13, 763-769	3.5	52
254	Neurophysiological Mechanisms Underpinning Stretch-Induced Force Loss. *Sports Medicine*, **2017**, 47, 1531-1541	10.6	51
253	Temporal and kinetic analysis of unilateral jumping in the vertical, horizontal, and lateral directions. *Journal of Sports Sciences*, **2010**, 28, 545-54	3.6	51
252	Muscle damage protection by low-intensity eccentric contractions remains for 2 weeks but not 3 weeks. *European Journal of Applied Physiology*, **2012**, 112, 555-65	3.4	50
251	Effects of flexibility training on eccentric exercise-induced muscle damage. *Medicine and Science in Sports and Exercise*, **2011**, 43, 491-500	1.2	50
250	Can passive stretch inhibit motoneuron facilitation in the human plantar flexors?. *Journal of Applied Physiology*, **2014**, 117, 1486-92	3.7	49
249	Effect of vibration treatment on symptoms associated with eccentric exercise-induced muscle damage. *American Journal of Physical Medicine and Rehabilitation*, **2011**, 90, 648-57	2.6	48
248	Attenuation of indirect markers of eccentric exercise-induced muscle damage by curcumin. *European Journal of Applied Physiology*, **2015**, 115, 1949-57	3.4	47
247	Comparison between old and young men for changes in makers of muscle damage following voluntary eccentric exercise of the elbow flexors. *Applied Physiology, Nutrition and Metabolism*, **2006**, 31, 218-25	3	47
246	Modulating exercise-induced hormesis: Does less equal more?. *Journal of Applied Physiology*, **2015**, 119, 172-89	3.7	46
245	Effects of weighted sled towing with heavy versus light load on sprint acceleration ability. *Journal of Strength and Conditioning Research*, **2014**, 28, 2738-45	3.2	46
244	Systemic inflammatory responses to maximal versus submaximal lengthening contractions of the elbow flexors. *Exercise Immunology Review*, **2006**, 12, 72-85	8.6	46
243	Reliability of near-infrared spectroscopy for measuring biceps brachii oxygenation during sustained and repeated isometric contractions. *Journal of Biomedical Optics*, **2010**, 15, 017008	3.5	45
242	Potent protective effect conferred by four bouts of low-intensity eccentric exercise. *Medicine and Science in Sports and Exercise*, **2010**, 42, 1004-12	1.2	44
241	Effect of lengthening contraction velocity on muscle damage of the elbow flexors. *Medicine and Science in Sports and Exercise*, **2008**, 40, 926-33	1.2	44

240	Relationship between post-exercise plasma CK elevation and muscle mass involved in the exercise. *International Journal of Sports Medicine*, **1992**, 13, 471-5	3.6	44
239	Responses of human elbow flexor muscles to electrically stimulated forced lengthening exercise. *Acta Physiologica Scandinavica*, **2002**, 174, 137-45		43
238	Muscle fascicle behavior during eccentric cycling and its relation to muscle soreness. *Medicine and Science in Sports and Exercise*, **2015**, 47, 708-17	1.2	41
237	Monitoring training loads, stress, immune-endocrine responses and performance in tennis players. *Biology of Sport*, **2013**, 30, 173-80	4.3	41
236	Effect of lower body compression garments on submaximal and maximal running performance in cold (10°C) and hot (32°C) environments. *European Journal of Applied Physiology*, **2011**, 111, 819-26	3.4	41
235	Attenuation of protective effect against eccentric exercise-induced muscle damage. *Applied Physiology, Nutrition, and Metabolism*, **2005**, 30, 529-42		41
234	Contralateral Repeated Bout Effect of Eccentric Exercise of the Elbow Flexors. *Medicine and Science in Sports and Exercise*, **2016**, 48, 2030-9	1.2	41
233	Attenuation of muscle damage by preconditioning with muscle hyperthermia 1-day prior to eccentric exercise. *European Journal of Applied Physiology*, **2007**, 99, 183-92	3.4	40
232	Effects of transcranial direct current stimulation of the motor cortex on prefrontal cortex activation during a neuromuscular fatigue task: an fNIRS study. *Advances in Experimental Medicine and Biology*, **2013**, 789, 73-79	3.6	40
231	Dynamic pacing strategies during the cycle phase of an Ironman triathlon. *Medicine and Science in Sports and Exercise*, **2006**, 38, 726-34	1.2	39
230	Responses of old men to repeated bouts of eccentric exercise of the elbow flexors in comparison with young men. *European Journal of Applied Physiology*, **2006**, 97, 619-26	3.4	39
229	Intermittent stretch reduces force and central drive more than continuous stretch. *Medicine and Science in Sports and Exercise*, **2014**, 46, 902-10	1.2	38
228	Contralateral leg deficits in kinetic and kinematic variables during running in Australian rules football players with previous hamstring injuries. *Journal of Strength and Conditioning Research*, **2010**, 24, 2539-44	3.2	38
227	Responses of elbow flexors to two strenuous eccentric exercise bouts separated by three days. *Journal of Strength and Conditioning Research*, **2006**, 20, 108-16	3.2	38
226	Repeated eccentric exercise bouts do not exacerbate muscle damage and repair. *Journal of Strength and Conditioning Research*, **2002**, 16, 117-22	3.2	38
225	Respiratory muscle training on pulmonary and swallowing function in patients with Huntington's disease: a pilot randomised controlled trial. *Clinical Rehabilitation*, **2015**, 29, 961-73	3.3	37
224	Changes in serum fast and slow skeletal troponin I concentration following maximal eccentric contractions. *Journal of Science and Medicine in Sport*, **2013**, 16, 82-5	4.4	37
223	Changes in markers of muscle damage of middle-aged and young men following eccentric exercise of the elbow flexors. *Journal of Science and Medicine in Sport*, **2008**, 11, 124-31	4.4	37

222	Comparison of Different Methods of Determining Power Output in Weightlifting Exercises. *Strength and Conditioning Journal*, **2006**, 28, 34-40	2	37
221	Eccentric exercise-induced muscle damage of pre-adolescent and adolescent boys in comparison to young men. *European Journal of Applied Physiology*, **2014**, 114, 1183-95	3.4	36
220	Effect of two maximal isometric contractions on eccentric exercise-induced muscle damage of the elbow flexors. *European Journal of Applied Physiology*, **2013**, 113, 1545-54	3.4	36
219	Factors contributing to lower metabolic demand of eccentric compared with concentric cycling. *Journal of Applied Physiology*, **2017**, 123, 884-893	3.7	36
218	Effect of cold water immersion on repeated 1-km cycling performance in the heat. *Journal of Science and Medicine in Sport*, **2010**, 13, 112-6	4.4	36
217	Superior Effects of Eccentric to Concentric Knee Extensor Resistance Training on Physical Fitness, Insulin Sensitivity and Lipid Profiles of Elderly Men. *Frontiers in Physiology*, **2017**, 8, 209	4.6	35
216	Respiratory muscle training for respiratory deficits in neurodegenerative disorders: a systematic review. *Chest*, **2013**, 143, 1386-1394	5.3	35
215	Is isometric strength loss immediately after eccentric exercise related to changes in indirect markers of muscle damage?. *Applied Physiology, Nutrition and Metabolism*, **2006**, 31, 313-9	3	35
214	Damage and the repeated bout effect of arm, leg, and trunk muscles induced by eccentric resistance exercises. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 725-735	4.6	34
213	Factors influencing pacing in triathlon. *Open Access Journal of Sports Medicine*, **2014**, 5, 223-34	2.9	34
212	Visual Analog Scale and Pressure Pain Threshold for Delayed Onset Muscle Soreness Assessment. *Journal of Musculoskeletal Pain*, **2013**, 21, 320-326		34
211	Do dominant and non-dominant arms respond similarly to maximal eccentric exercise of the elbow flexors?. *Journal of Science and Medicine in Sport*, **2013**, 16, 166-71	4.4	33
210	Less indication of muscle damage in the second than initial electrical muscle stimulation bout consisting of isometric contractions of the knee extensors. *European Journal of Applied Physiology*, **2010**, 108, 709-17	3.4	33
209	Effects of Descending Stair Walking on Health and Fitness of Elderly Obese Women. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1614-1622	1.2	32
208	Application of eccentric exercise on an Australian Rules football player with recurrent hamstring injuries. *Physical Therapy in Sport*, **2009**, 10, 75-80	3	32
207	Corticomotor excitability of wrist flexor and extensor muscles during active and passive movement. *Human Movement Science*, **2010**, 29, 494-501	2.4	32
206	Comparison between old and young men for responses to fast velocity maximal lengthening contractions of the elbow flexors. *European Journal of Applied Physiology*, **2008**, 104, 531-9	3.4	32
205	Comparison of the Effects of Velocity-Based Training Methods and Traditional 1RM-Percent-Based Training Prescription on Acute Kinetic and Kinematic Variables. *International Journal of Sports Physiology and Performance*, **2019**, 14, 246-255	3.5	31

204	Light concentric exercise has a temporarily analgesic effect on delayed-onset muscle soreness, but no effect on recovery from eccentric exercise. *Applied Physiology, Nutrition and Metabolism*, **2006**, 31, 126-34	3	31
203	Pacing strategies during the swim, cycle and run disciplines of sprint, Olympic and half-Ironman triathlons. *European Journal of Applied Physiology*, **2015**, 115, 1147-54	3.4	30
202	Assessment of Muscle Pain Induced by Elbow-Flexor Eccentric Exercise. *Journal of Athletic Training*, **2015**, 50, 1140-8	4	30
201	Comparison between alternating and pulsed current electrical muscle stimulation for muscle and systemic acute responses. *Journal of Applied Physiology*, **2010**, 109, 735-44	3.7	30
200	Effect of hot versus cold climates on power output, muscle activation, and perceived fatigue during a dynamic 100-km cycling trial. *Journal of Sports Sciences*, **2010**, 28, 117-25	3.6	30
199	Changes in electrical pain threshold of fascia and muscle after initial and secondary bouts of elbow flexor eccentric exercise. *European Journal of Applied Physiology*, **2015**, 115, 959-68	3.4	29
198	Time course of serum protein changes after strenuous exercise of the forearm flexors. *Translational Research*, **1992**, 119, 183-8		29
197	Reduced muscle lengthening during eccentric contractions as a mechanism underpinning the repeated-bout effect. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2015**, 308, R879-86	3.2	28
196	Low-intensity eccentric contractions attenuate muscle damage induced by subsequent maximal eccentric exercise of the knee extensors in the elderly. *European Journal of Applied Physiology*, **2013**, 113, 1005-15	3.4	28
195	Two maximal isometric contractions attenuate the magnitude of eccentric exercise-induced muscle damage. *Applied Physiology, Nutrition and Metabolism*, **2012**, 37, 680-9	3	28
194	Effects of a 30-min running performed daily after downhill running on recovery of muscle function and running economy. *Journal of Science and Medicine in Sport*, **2008**, 11, 271-9	4.4	28
193	Muscle Damage in Resistance Training. *International Journal of Sport and Health Science*, **2003**, 1, 1-8	0.3	28
192	Effects of isometric quadriceps strength training at different muscle lengths on dynamic torque production. *Journal of Sports Sciences*, **2015**, 33, 1952-61	3.6	27
191	Muscle damage after low-intensity eccentric contractions with blood flow restriction. *Acta Physiologica Hungarica*, **2014**, 101, 150-7		27
190	Comparison in muscle damage between maximal voluntary and electrically evoked isometric contractions of the elbow flexors. *European Journal of Applied Physiology*, **2012**, 112, 429-38	3.4	27
189	The effect of three different start thresholds on the kinematics and kinetics of a countermovement jump. *Journal of Strength and Conditioning Research*, **2011**, 25, 1164-7	3.2	26
188	The influence of ice slurry ingestion on maximal voluntary contraction following exercise-induced hyperthermia. *European Journal of Applied Physiology*, **2011**, 111, 2517-24	3.4	26
187	Changes in B-mode ultrasound echo intensity following injection of bupivacaine hydrochloride to rat hind limb muscles in relation to histologic changes. *Ultrasound in Medicine and Biology*, **2009**, 35, 687-98	2.5	26

186	Muscle architecture and optimum angle of the knee flexors and extensors: a comparison between cyclists and Australian Rules football players. *Journal of Strength and Conditioning Research*, **2010**, 24, 717-21	3.2	26
185	Effect of carbohydrate ingestion and ambient temperature on muscle fatigue development in endurance-trained male cyclists. *Journal of Applied Physiology*, **2008**, 104, 1021-8	3.7	26
184	Work and peak torque during eccentric exercise do not predict changes in markers of muscle damage. *British Journal of Sports Medicine*, **2008**, 42, 585-91	10.3	25
183	Effects of number of eccentric muscle actions on first and second bouts of eccentric exercise of the elbow flexors. *Journal of Science and Medicine in Sport*, **2006**, 9, 57-66	4.4	25
182	Effects of cold water immersion and active recovery on hemodynamics and recovery of muscle strength following resistance exercise. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2015**, 309, R389-98	3.2	24
181	Changes in central and peripheral neuromuscular fatigue indices after concentric versus eccentric contractions of the knee extensors. *European Journal of Applied Physiology*, **2018**, 118, 805-816	3.4	24
180	Energy expenditure and substrate oxidation during and after eccentric cycling. *European Journal of Applied Physiology*, **2014**, 114, 805-14	3.4	24
179	Changes in force and stiffness after static stretching of eccentrically-damaged hamstrings. *European Journal of Applied Physiology*, **2015**, 115, 981-91	3.4	24
178	Effect of eccentric contraction velocity on muscle damage in repeated bouts of elbow flexor exercise. *Applied Physiology, Nutrition and Metabolism*, **2010**, 35, 534-40	3	24
177	Effect of eccentric exercise on plasma enzyme activities previously elevated by eccentric exercise. *European Journal of Applied Physiology and Occupational Physiology*, **1994**, 69, 492-7		24
176	Effects of a 5-h hilly running on ankle plantar and dorsal flexor force and fatigability. *European Journal of Applied Physiology*, **2012**, 112, 2645-52	3.4	23
175	Biceps brachii muscle oxygenation in electrical muscle stimulation. *Clinical Physiology and Functional Imaging*, **2010**, 30, 360-368	2.4	23
174	Changes in oxidative stress, inflammation and muscle damage markers following eccentric versus concentric cycling in older adults. *European Journal of Applied Physiology*, **2019**, 119, 2301-2312	3.4	22
173	Neuromuscular factors associated with decline in long-distance running performance in master athletes. *Sports Medicine*, **2013**, 43, 51-63	10.6	22
172	The magnitude of muscle damage induced by downhill backward walking. *Journal of Science and Medicine in Sport*, **2005**, 8, 264-73	4.4	22
171	Influence of Pre-Exercise Muscle Temperature on Responses to Eccentric Exercise. *Journal of Athletic Training*, **2004**, 39, 132-137	4	22
170	Differences in post-exercise T2 relaxation time changes between eccentric and concentric contractions of the elbow flexors. *European Journal of Applied Physiology*, **2016**, 116, 2145-2154	3.4	22
169	Comparison between maximal lengthening and shortening contractions for biceps brachii muscle oxygenation and hemodynamics. *Journal of Applied Physiology*, **2010**, 109, 710-20	3.7	21

168	Exercise-induced mechanical hypoalgesia in musculotendinous tissues of the lateral elbow. *Manual Therapy*, **2010**, 15, 66-73		21
167	Low-intensity eccentric contractions of the knee extensors and flexors protect against muscle damage. *Applied Physiology, Nutrition and Metabolism*, **2015**, 40, 1004-11	3	20
166	Muscle damage of resistance-trained men after two bouts of eccentric bench press exercise. *Journal of Strength and Conditioning Research*, **2014**, 28, 2961-6	3.2	20
165	No effect of upper body compression garments in elite flat-water kayakers. *European Journal of Sport Science*, **2013**, 13, 341-9	3.9	20
164	The repeated-bout effect: influence on biceps brachii oxygenation and myoelectrical activity. *Journal of Applied Physiology*, **2011**, 110, 1390-9	3.7	20
163	Changes in serum enzyme activities after injection of bupivacaine into rat tibialis anterior. *Journal of Applied Physiology*, **1996**, 81, 876-84	3.7	20
162	PROTECTIVE EFFECT BY SHORT MUSCLE LENGTH ECCENTRIC EXERCISE ON LONG MUSCLE LENGTH ECCENTRIC EXERCISE. *Medicine and Science in Sports and Exercise*, **2001**, 33, S121	1.2	20
161	Relationship between isometric contraction intensity and muscle hardness assessed by ultrasound strain elastography. *European Journal of Applied Physiology*, **2017**, 117, 843-852	3.4	19
160	Muscle length effect on corticospinal excitability during maximal concentric, isometric and eccentric contractions of the knee extensors. *Experimental Physiology*, **2017**, 102, 1513-1523	2.4	19
159	Reliability of muscle function and sensory perception measurements of the wrist extensors. *Physiotherapy Theory and Practice*, **2010**, 26, 408-15	1.5	19
158	Is recovery from muscle damage retarded by a subsequent bout of eccentric exercise inducing larger decreases in force?. *Journal of Science and Medicine in Sport*, **2002**, 5, 204-18	4.4	19
157	Eccentric Cycling: A Promising Modality for Patients with Chronic Heart Failure. *Medicine and Science in Sports and Exercise*, **2017**, 49, 646-651	1.2	18
156	Ergogenic effects of precooling with cold water immersion and ice ingestion: A meta-analysis. *European Journal of Sport Science*, **2018**, 18, 170-181	3.9	18
155	Effect of slow-velocity lengthening contractions on muscle damage induced by fast-velocity lengthening contractions. *Journal of Strength and Conditioning Research*, **2011**, 25, 211-9	3.2	18
154	Hyperthermic-induced hyperventilation and associated respiratory alkalosis in humans. *European Journal of Applied Physiology*, **2007**, 100, 63-9	3.4	18
153	Protection against muscle damage following fifty drop jumps conferred by ten drop jumps. *Journal of Strength and Conditioning Research*, **2007**, 21, 1087-92	3.2	18
152	Difference in fascicle behaviors between superficial and deep quadriceps muscles during isometric contractions. *Muscle and Nerve*, **2016**, 53, 797-802	3.4	18
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