Anthony J Blazevich

List of Publications by Year
in descending order

193	8,682	44069	53230
papers	citations	48 h-index	85 g-index

200	200	200	6114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rate of force development: physiological and methodological considerations. European Journal of Applied Physiology, 2016, 116, 1091-1116.	2.5	803
2	The ABC of Physical Activity for Health: A consensus statement from the British Association of Sport and Exercise Sciences. Journal of Sports Sciences, 2010, 28, 573-591.	2.0	465
3	Acute effects of muscle stretching on physical performance, range of motion, and injury incidence in healthy active individuals: a systematic review. Applied Physiology, Nutrition and Metabolism, 2016, 41, 1-11.	1.9	425
4	Influence of concentric and eccentric resistance training on architectural adaptation in human quadriceps muscles. Journal of Applied Physiology, 2007, 103, 1565-1575.	2.5	391
5	Intraâ€•and intermuscular variation in human quadriceps femoris architecture assessed in vivo. Journal of Anatomy, 2006, 209, 289-310.	1.5	349
6	Effect of Acute Static Stretch on Maximal Muscle Performance. Medicine and Science in Sports and Exercise, 2012, 44, 154-164.	0.4	276
7	Post-activation Potentiation Versus Post-activation Performance Enhancement in Humans: Historical Perspective, Underlying Mechanisms, and Current Issues. Frontiers in Physiology, 2019, 10, 1359.	2.8	255
8	Training-Specific Muscle Architecture Adaptation after 5-wk Training in Athletes. Medicine and Science in Sports and Exercise, 2003, 35, 2013-2022.	0.4	187
9	Effects of Physical Training and Detraining, Immobilisation, Growth and Aging on Human Fascicle Geometry. Sports Medicine, 2006, 36, 1003-1017.	6.5	146
10	Assessment of quadriceps muscle cross-sectional area by ultrasound extended-field-of-view imaging. European Journal of Applied Physiology, 2010, 109, 631-639.	2.5	131
11	Anatomical predictors of maximum isometric and concentric knee extensor moment. European Journal of Applied Physiology, 2009, 105, 869-878.	2.5	127
12	Moderate-duration static stretch reduces active and passive plantar flexor moment but not Achilles tendon stiffness or active muscle length. Journal of Applied Physiology, 2009, 106, 1249-1256.	2.5	127
13	Ageâ€•related changes in mechanical properties of the Achilles tendon. Journal of Anatomy, 2012, 220, 144-155.	1.5	126
14	Ribosome biogenesis adaptation in resistance training-induced human skeletal muscle hypertrophy. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E72-E83.	3.5	111
15	Effects of Contractâ€“Relax, Static Stretching, and Isometric Contractions on Muscleâ€“Tendon Mechanics. Medicine and Science in Sports and Exercise, 2015, 47, 2181-2190.	0.4	105
16	Neuromuscular Adaptations Associated with Knee Joint Angle-Specific Force Change. Medicine and Science in Sports and Exercise, 2014, 46, 1525-1537.	0.4	102
17	In vivo assessment of muscle fascicle length by extended field-of-view ultrasonography. Journal of Applied Physiology, 2010, 109, 1974-1979.	2.5	96
18	Range of motion, neuromechanical, and architectural adaptations to plantar flexor stretch training in humans. Journal of Applied Physiology, 2014, 117, 452-462.	2.5	93

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19	Rate of force development as a measure of muscle damage. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 417-427.	2.9	93
20	Metabolic and Muscle Damage Profiles of Concentric versus Repeated Eccentric Cycling. Medicine and Science in Sports and Exercise, 2013, 45, 1773-1781.	0.4	91
21	Direct comparison of in vivo Achilles tendon moment arms obtained from ultrasound and MR scans. Journal of Applied Physiology, 2010, 109, 1644-1652.	2.5	88
22	Lack of human muscle architectural adaptation after short-term strength training. Muscle and Nerve, 2007, 35, 78-86.	2.2	81
23	Effects of resistance training on tendon mechanical properties and rapid force production in prepubertal children. Journal of Applied Physiology, 2014, 117, 257-266.	2.5	81
24	The relationship between changes in interstitial creatine kinase and game-related impacts in rugby union. British Journal of Sports Medicine, 2008, 42, 198-201.	6.7	74
25	Changes in muscle forceâ€“length properties affect the early rise of force in vivo. Muscle and Nerve, 2009, 39, 512-520.	2.2	74
26	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, 212-218.	2.5	74
27	Effect of contraction mode of slowâ€speed resistance training on the maximum rate of force development in the human quadriceps. Muscle and Nerve, 2008, 38, 1133-1046.	2.2	73
28	Rapid Force Production in Children and Adults. Medicine and Science in Sports and Exercise, 2013, 45, 762-771.	0.4	72
29	Isometric contractions reduce plantar flexor moment, Achilles tendon stiffness, and neuromuscular activity but remove the subsequent effects of stretch. Journal of Applied Physiology, 2009, 107, 1181-1189.	2.5	70
30	Greater Strength Gains after Training with Accentuated Eccentric than Traditional Isoinertial Loads in Already Strength-Trained Men. Frontiers in Physiology, 2016, 7, 149.	2.8	70
31	Effect of the movement speed of resistance training exercises on sprint and strength performance in concurrently training elite junior sprinters. Journal of Sports Sciences, 2002, 20, 981-990.	2.0	67
32	Leg stiffness in human running: Comparison of estimates derived from previously published models to direct kinematicâ€“kinetic measures. Journal of Biomechanics, 2012, 45, 1987-1991.	2.1	67
33	Neurophysiological Mechanisms Underpinning Stretch-Induced Force Loss. Sports Medicine, 2017, 47, 1531-1541.	6.5	67
34	Neuromuscular factors influencing the maximum stretch limit of the human plantar flexors. Journal of Applied Physiology, 2012, 113, 1446-1455.	2.5	66
35	The Effect of Contrast Water Therapy on Symptoms of Delayed Onset Muscle Soreness. Journal of Strength and Conditioning Research, 2007, 21, 697.	2.1	66
36	Understanding Muscle Architectural Adaptation: Macro- and Micro-Level Research. Cells Tissues Organs, 2005, 181, 1-10.	2.3	65

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37	Can passive stretch inhibit motoneuron facilitation in the human plantar flexors?. Journal of Applied Physiology, 2014, 117, 1486-1492.	2.5	64
38	Inhomogeneous Quadriceps Femoris Hypertrophy in Response to Strength and Power Training. Medicine and Science in Sports and Exercise, 2015, 47, 2389-2397.	0.4	64
39	Highâ€throughput ultraâ€highâ€performance liquid chromatography/tandem mass spectrometry quantitation of insulinâ€like growth factorâ€I and leucineâ€rich Î±â€2â€glycoprotein in serum as biomarkers of recombinant human growth hormone administration. Rapid Communications in Mass Spectrometry, 2009, 23, 3173-3182.	1.5	62
40	Anatomical and neuromuscular variables strongly predict maximum knee extension torque in healthy men. European Journal of Applied Physiology, 2016, 116, 1159-1177.	2.5	59
41	No Effect of Muscle Stretching within a Full, Dynamic Warm-up on Athletic Performance. Medicine and Science in Sports and Exercise, 2018, 50, 1258-1266.	0.4	58
42	Muscular and cardiorespiratory effects of pseudoephedrine in human athletes. British Journal of Clinical Pharmacology, 2000, 50, 205-213.	2.4	55
43	Effects of high-resistance circuit training in an elderly population. Experimental Gerontology, 2013, 48, 334-340.	2.8	55
44	Physical Performance and Cardiovascular Responses to an Acute Bout of Heavy Resistance Circuit Training versus Traditional Strength Training. Journal of Strength and Conditioning Research, 2008, 22, 667-671.	2.1	53
45	Are Prepubertal Children Metabolically Comparable to Well-Trained Adult Endurance Athletes?. Sports Medicine, 2017, 47, 1477-1485.	6.5	53
46	Factors contributing to lower metabolic demand of eccentric compared with concentric cycling. Journal of Applied Physiology, 2017, 123, 884-893.	2.5	53
47	The effects of different durations of static stretching within a comprehensive warm-up on voluntary and evoked contractile properties. European Journal of Applied Physiology, 2018, 118, 1427-1445.	2.5	53
48	Mechanisms underlying performance impairments following prolonged static stretching without a comprehensive warm-up. European Journal of Applied Physiology, 2021, 121, 67-94.	2.5	53
49	Muscle Fascicle Behavior during Eccentric Cycling and Its Relation to Muscle Soreness. Medicine and Science in Sports and Exercise, 2015, 47, 708-717.	0.4	52
50	Kinetic and Training Comparisons Between Assisted, Resisted, and Free Countermovement Jumps. Journal of Strength and Conditioning Research, 2011, 25, 2219-2227.	2.1	51
51	Validity and reliability of an online extended version of the Nordic Musculoskeletal Questionnaire (<scp>NMQ</scp>â€E2) to measure nurses' fitness. Journal of Clinical Nursing, 2015, 24, 3550-3563.	3.0	50
52	Effect of testosterone administration and weight training on muscle architecture. Medicine and Science in Sports and Exercise, 2001, 33, 1688-1693.	0.4	49
53	Effects of Resistance Training Movement Pattern and Velocity on Isometric Muscular Rate of Force Development: A Systematic Review with Meta-analysis and Meta-regression. Sports Medicine, 2020, 50, 943-963.	6.5	49
54	Assessment of Muscle Pain Induced by Elbow-Flexor Eccentric Exercise. Journal of Athletic Training, 2015, 50, 1140-1148.	1.8	48

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55	The Effect of Water Temperature during Cold-Water Immersion on Recovery from Exercise-Induced Muscle Damage. International Journal of Sports Medicine, 2016, 37, 937-943.	1.7	48
56	Mechanisms of Hamstring Strain Injury: Interactions between Fatigue, Muscle Activation and Function. Sports, 2020, 8, 65.	1.7	48
57	Intermittent Stretch Reduces Force and Central Drive more than Continuous Stretch. Medicine and Science in Sports and Exercise, 2014, 46, 902-910.	0.4	47
58	Metabolic and Fatigue Profiles Are Comparable Between Prepubertal Children and Well-Trained Adult Endurance Athletes. Frontiers in Physiology, 2018, 9, 387.	2.8	47
59	Development of lower limb stiffness and its contribution to maximum vertical jumping power during adolescence. Journal of Experimental Biology, 2009, 212, 3737-3742.	1.7	45
60	Muscle Strength, Power, and Morphologic Adaptations After 6 Weeks of Compound vs. Complex Training in Healthy Men. Journal of Strength and Conditioning Research, 2015, 29, 2559-2569.	2.1	45
61	Reductions in active plantarflexor moment are significantly correlated with static stretch duration. European Journal of Sport Science, 2008, 8, 41-46.	2.7	40
62	Estimates of persistent inward currents increase with the level of voluntary drive in low-threshold motor units of plantar flexor muscles. Journal of Neurophysiology, 2021, 125, 1746-1754.	1.8	40
63	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, 959-968.	2.5	38
64	Biceps Femoris Long-Head Architecture Assessed Using Different Sonographic Techniques. Medicine and Science in Sports and Exercise, 2018, 50, 2584-2594.	0.4	38
65	Adaptations in the passive mechanical properties of skeletal muscle to altered patterns of use. Journal of Applied Physiology, 2019, 126, 1483-1491.	2.5	37
66	Acute Dehydration Impairs Endurance Without Modulating Neuromuscular Function. Frontiers in Physiology, 2018, 9, 1562.	2.8	36
67	Similarity in Adaptations to High-Resistance Circuit vs. Traditional Strength Training in Resistance-Trained Men. Journal of Strength and Conditioning Research, 2011, 25, 2519-2527.	2.1	35
68	Effects of isometric quadriceps strength training at different muscle lengths on dynamic torque production. Journal of Sports Sciences, 2015, 33, 1952-1961.	2.0	34
69	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-R886.	1.8	33
70	Change in knee flexor torque after fatiguing exercise identifies previous hamstring injury in football players. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1235-1243.	2.9	33
71	The influence of loading intensity on muscleâ€“tendon unit behavior during maximal knee extensor stretch shortening cycle exercise. European Journal of Applied Physiology, 2014, 114, 59-69.	2.5	32
72	Energy expenditure and substrate oxidation during and after eccentric cycling. European Journal of Applied Physiology, 2014, 114, 805-814.	2.5	29

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73	Variable, but not freeâ€weight, resistance back squat exercise potentiates jump performance following a comprehensive taskâ€specific warmâ€up. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 380-392.	2.9	29
74	Anatomical and Neuromuscular Determinants of Strength Change in Previously Untrained Men Following Heavy Strength Training. Frontiers in Physiology, 2019, 10, 1001.	2.8	29
75	Lack of effect of moderate-duration static stretching on plantar flexor force production and series compliance. Clinical Biomechanics, 2012, 27, 306-312.	1.2	28
76	Intrinsic motoneuron excitability is reduced in soleus and tibialis anterior of older adults. GeroScience, 2021, 43, 2719-2735.	4.6	28
77	Postactivation potentiation during voluntary contractions after continued knee extensor task-specific practice. Applied Physiology, Nutrition and Metabolism, 2015, 40, 230-237.	1.9	27
78	Stretching of Active Muscle Elicits Chronic Changes in Multiple Strain Risk Factors. Medicine and Science in Sports and Exercise, 2016, 48, 1388-1396.	0.4	27
79	Passive muscle stretching reduces estimates of persistent inward current strength in soleus motor units. Journal of Experimental Biology, 2020, 223, .	1.7	27
80	Hamstringâ€toâ€quadriceps fatigue ratio offers new and different muscle function information than the conventional nonâ€fatigued ratio. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 282-293.	2.9	26
81	Comparison between high- and low-intensity eccentric cycling of equal mechanical work for muscle damage and the repeated bout effect. European Journal of Applied Physiology, 2020, 120, 1015-1025.	2.5	26
82	Relationships between maximal strength, muscle size, and myosin heavy chain isoform composition and postactivation potentiation. Applied Physiology, Nutrition and Metabolism, 2016, 41, 491-497.	1.9	25
83	Acute changes in muscle thickness and pennation angle in response to work-matched concentric and eccentric isokinetic exercise. Applied Physiology, Nutrition and Metabolism, 2018, 43, 1069-1074.	1.9	25
84	Effects of reciprocal inhibition and wholeâ€body relaxation on persistent inward currents estimated by two different methods. Journal of Physiology, 2022, 600, 2765-2787.	2.9	25
85	Differential Effects of 30- Vs. 60-Second Static Muscle Stretching on Vertical Jump Performance. Journal of Strength and Conditioning Research, 2014, 28, 3440-3446.	2.1	24
86	Difference in fascicle behaviors between superficial and deep quadriceps muscles during isometric contractions. Muscle and Nerve, 2016, 53, 797-802.	2.2	24
87	Reliability and Validity of Two Isometric Squat Tests. Journal of Strength and Conditioning Research, 2002, 16, 298.	2.1	24
88	Concentric muscle contractions before static stretching minimize, but do not remove, stretch-induced force deficits. Journal of Applied Physiology, 2010, 108, 637-645.	2.5	23
89	Plantarflexor stretch training increases reciprocal inhibition measured during voluntary dorsiflexion. Journal of Neurophysiology, 2012, 107, 250-256.	1.8	23
90	Enhancing Adaptations to Neuromuscular Electrical Stimulation Training Interventions. Exercise and Sport Sciences Reviews, 2021, 49, 244-252.	3.0	22

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91	Influence of Variable Resistance Loading on Subsequent Free Weight Maximal Back Squat Performance. Journal of Strength and Conditioning Research, 2014, 28, 2988-2995.	2.1	21
92	Maximal Upper-Body Strength and Oxygen Uptake Are Associated With Performance in High-Level 200-m Sprint Kayakers. Journal of Strength and Conditioning Research, 2018, 32, 3186-3192.	2.1	21
93	Ultrasonographic Measurement of the Biceps Femoris Longâ€Head Muscle Architecture. Journal of Ultrasound in Medicine, 2018, 37, 977-986.	1.7	21
94	The loss of muscle force production after muscle stretching is not accompanied by altered corticospinal excitability. European Journal of Applied Physiology, 2019, 119, 2287-2299.	2.5	21
95	Static stretch and dynamic muscle activity induce acute similar increase in corticospinal excitability. PLoS ONE, 2020, 15, e0230388.	2.5	21
96	Neuromuscular Factors Contributing to Reductions in Muscle Force After Repeated, High-Intensity Muscular Efforts. Frontiers in Physiology, 2019, 10, 783.	2.8	19
97	Relationships Between Punch Impact Force and Upper- and Lower-Body Muscular Strength and Power in Highly Trained Amateur Boxers. Journal of Strength and Conditioning Research, 2022, 36, 1019-1025.	2.1	19
98	Within Session Exercise Sequencing During Programming for Complex Training: Historical Perspectives, Terminology, and Training Considerations. Sports Medicine, 2022, 52, 2371-2389.	6.5	19
99	Knee angle-specific EMG normalization: The use of polynomial based EMG-angle relationships. Journal of Electromyography and Kinesiology, 2013, 23, 238-244.	1.7	18
100	Faster Movement Speed Results in Greater Tendon Strain during the Loaded Squat Exercise. Frontiers in Physiology, 2016, 7, 366.	2.8	18
101	Acute elevations in serum hormones are attenuated after chronic training with traditional isoinertial but not accentuated eccentric loads in strength-trained men. Physiological Reports, 2017, 5, e13241.	1.7	18
102	Physical performance differences between weight-trained sprinters and weight trainers. Journal of Science and Medicine in Sport, 1998, 1, 12-21.	1.3	17
103	Effects of Neuromuscular Electrical Stimulation in People with Spinal Cord Injury. Medicine and Science in Sports and Exercise, 2018, 50, 1733-1739.	0.4	17
104	A damaging punch: Assessment and application of a method to quantify punch performance. Translational Sports Medicine, 2019, 2, 146-152.	1.1	17
105	Lack of cortical or Ia-afferent spinal pathway involvement in muscle force loss after passive static stretching. Journal of Neurophysiology, 2020, 123, 1896-1906.	1.8	17
106	Developmental differences in dynamic muscle-tendon behavior: implications for movement efficiency. Journal of Experimental Biology, 2017, 220, 1287-1294.	1.7	16
107	Increased fascicle length but not patellar tendon stiffness after accentuated eccentric-load strength training in already-trained men. European Journal of Applied Physiology, 2020, 120, 2371-2382.	2.5	16
108	Are training velocity and movement pattern important determinants of muscular rate of force development enhancement?. European Journal of Applied Physiology, 2012, 112, 3689-3691.	2.5	15

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109	Chainâ€loaded variable resistance warmâ€up improves freeâ€weight maximal back squat performance. European Journal of Sport Science, 2016, 16, 932-939.	2.7	15
110	Vastus intermedius vs vastus lateralis fascicle behaviors during maximal concentric and eccentric contractions. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1018-1026.	2.9	15
111	Children Exhibit a More Comparable Neuromuscular Fatigue Profile to Endurance Athletes Than Untrained Adults. Frontiers in Physiology, 2019, 10, 119.	2.8	15
112	Effect of Drop Height on Vertical Jumping Performance in Pre-, Circa-, and Post-Pubertal Boys and Girls. Pediatric Exercise Science, 2020, 32, 23-29.	1.0	15
113	Interactive Effects of Joint Angle, Contraction State and Method on Estimates of Achilles Tendon Moment Arms. Journal of Applied Biomechanics, 2013, 29, 241-244.	0.8	14
114	The effects of flexibility training on exerciseâ€induced muscle damage in young men with limited hamstrings flexibility. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1671-1680.	2.9	14
115	Effects of Stretching on Injury Risk Reduction and Balance. Bioengineered, 2021, 10, 106-116.	3.2	14
116	Remodeling the Skeletal Muscle Extracellular Matrix in Older Ageâ€"Effects of Acute Exercise Stimuli on Gene Expression. International Journal of Molecular Sciences, 2020, 21, 7089.	4.1	14
117	Effects of multidisciplinary therapy on physical function in Huntington's disease. Acta Neurologica Scandinavica, 2018, 138, 500-507.	2.1	13
118	Changes in plasma hydroxyproline and plasma cell-free DNA concentrations after higher- versus lower-intensity eccentric cycling. European Journal of Applied Physiology, 2021, 121, 1087-1097.	2.5	13
119	Do motoneuron discharge rates slow with aging? A systematic review and meta-analysis. Mechanisms of Ageing and Development, 2022, 203, 111647.	4.6	13
120	Load knowledge reduces rapid force production and muscle activation during maximal-effort concentric lifts. European Journal of Applied Physiology, 2015, 115, 2571-2581.	2.5	12
121	Acute effects of contractâ€"relax (CR) stretch versus a modified CR technique. European Journal of Applied Physiology, 2016, 116, 611-621.	2.5	12
122	Human behaviours associated with dominance in elite amateur boxing bouts: A comparison of winners and losers under the Ten Point Must System. PLoS ONE, 2017, 12, e0188675.	2.5	12
123	Influence of Strength, Sprint Running, and Combined Strength and Sprint Running Training on Short Sprint Performance in Young Adults. International Journal of Sports Medicine, 2015, 36, 789-795.	1.7	11
124	Stretch imposed on active muscle elicits positive adaptations in strain risk factors and exerciseâ€induced muscle damage. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2299-2309.	2.9	11
125	Effect of tendon vibration during wide-pulse neuromuscular electrical stimulation (NMES) on muscle force production in people with spinal cord injury (SCI). BMC Neurology, 2018, 18, 17.	1.8	11
126	Passive muscle stretching impairs rapid force production and neuromuscular function in human plantar flexors. European Journal of Applied Physiology, 2019, 119, 2673-2684.	2.5	11

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127	The effects of 6 weeks of constant-angle muscle stretching training on flexibility and muscle function in men with limited hamstringsâ€™ flexibility. European Journal of Applied Physiology, 2019, 119, 1691-1700.	2.5	11
128	Using the trajectory of the shuttlecock as a measure of performance accuracy in the badminton short serve. International Journal of Sports Science and Coaching, 2019, 14, 91-96.	1.4	11
129	Acute Physiological Responses to High-Intensity Resistance Circuit Training vs. Traditional Strength Training in Soccer Players. Biology, 2020, 9, 383.	2.8	11
130	Creatine Serum Is Not as Effective as Creatine Powder for Improving Cycle Sprint Performance in Competitive Male Team-Sport Athletes. Journal of Strength and Conditioning Research, 2004, 18, 272.	2.1	11
131	Can Achilles tendon moment arm be predicted from anthropometric measures in pre-pubescent children?. Journal of Biomechanics, 2011, 44, 1839-1844.	2.1	10
132	Effects of resistance training using known vs unknown loads on eccentricâ€phase adaptations and concentric velocity. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 407-417.	2.9	10
133	Greater loss of horizontal force after a repeated-sprint test in footballers with a previous hamstring injury. Journal of Science and Medicine in Sport, 2019, 22, 16-21.	1.3	10
134	Exercise, fitness and musculoskeletal health of undergraduate nursing students: A crossâ€sectional study. Journal of Advanced Nursing, 2019, 75, 2110-2121.	3.3	10
135	pQCT- and Ultrasound-based Muscle and Fat Estimate Errors after Resistance Exercise. Medicine and Science in Sports and Exercise, 2019, 51, 1022-1031.	0.4	10
136	Pacing and stroke kinematics in 200-m kayak racing. Journal of Sports Sciences, 2021, 39, 1096-1104.	2.0	10
137	Involuntary sustained firing of plantar flexor motor neurones: effect of electrical stimulation parameters during tendon vibration. European Journal of Applied Physiology, 2021, 121, 881-891.	2.5	10
138	Static Stretching Reduces Motoneuron Excitability: The Potential Role of Neuromodulation. Exercise and Sport Sciences Reviews, 2021, 49, 126-132.	3.0	10
139	Effect of tendon vibration during wide-pulse neuromuscular electrical stimulation (NMES) on the decline and recovery of muscle force. BMC Neurology, 2017, 17, 82.	1.8	9
140	Isokinetic eccentric exercise substantially improves mobility, muscle strength and size, but not postural sway metrics in older adults, with limited regression observed following a detraining period. European Journal of Applied Physiology, 2020, 120, 2383-2395.	2.5	9
141	Effect of Long-Duration Adventure Races on Cardiac Damage Biomarker Release and Muscular Function in Young Athletes. Frontiers in Physiology, 2020, 11, 10.	2.8	9
142	Reliability of Unfamiliar, Multijoint, Uni- and Bilateral Strength Tests: Effects of Load and Laterality. Journal of Strength and Conditioning Research, 2006, 20, 226.	2.1	9
143	Effects of Acute and Chronic Stretching on Pain Control. Bioengineered, 2021, 10, 150-159.	3.2	9
144	Optimizing Hip Musculature For Greater Sprint Running Speed. Strength and Conditioning Journal, 2000, 22, 22.	1.4	8

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145	Does Muscleâ€“Tendon Unit Structure Predispose to Hamstring Strain Injury During Running? A Critical Review. Sports Medicine, 2021, 51, 215-224.	6.5	8
146	Tibialis Anterior Moment Arm: Effects of Measurement Errors and Assumptions. Medicine and Science in Sports and Exercise, 2015, 47, 428-439.	0.4	7
147	Highâ€speed stretchâ€shortening cycle exercises as a strategy to provide eccentric overload during resistance training. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 2211-2220.	2.9	7
148	Predicting Sprint Running Times From Isokinetic and Squat Lift Tests: A Regression Analysis. Journal of Strength and Conditioning Research, 1998, 12, 101.	2.1	7
149	The effects of two weeks of recombinant growth hormone administration on the response of IGF-I and N-terminal pro-peptide of collagen type III (P-III-NP) during a single bout of high resistance exercise in resistance trained young men. Growth Hormone and IGF Research, 2013, 23, 76-80.	1.1	6
150	The Influence of External Load on Quadriceps Muscle and Tendon Dynamics during Jumping. Medicine and Science in Sports and Exercise, 2017, 49, 2250-2259.	0.4	6
151	The external validity of a novel contractâ€relax stretching technique on knee flexor range of motion. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 74-82.	2.9	6
152	Modulation of torque evoked by wide-pulse, high-frequency neuromuscular electrical stimulation and the potential implications for rehabilitation and training. Scientific Reports, 2021, 11, 6399.	3.3	6
153	The effect of fatiguing lowerâ€body exercise on punch forces in highlyâ€trained boxers. European Journal of Sport Science, 2022, 22, 964-972.	2.7	6
154	Relationships Between Midthigh Pull Force Development and 200-m Race Performance in Highly Trained Kayakers. Journal of Strength and Conditioning Research, 2019, Publish Ahead of Print, 2853-2861.	2.1	5
155	The use of yank-time signal as an alternative to identify kinematic events and define phases in human countermovement jumping. Royal Society Open Science, 2020, 7, 192093.	2.4	5
156	Running economy and effort after cycling: Effect of methodological choices. Journal of Sports Sciences, 2020, 38, 1105-1114.	2.0	5
157	Comparing Maximal Mean and Critical Speed and Metabolic Powers in Elite and Sub-elite Soccer. International Journal of Sports Medicine, 2020, 41, 219-226.	1.7	5
158	Reliability of isokinetic tests of velocityâ€and contraction intensityâ€dependent plantar flexor mechanical properties. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1009-1025.	2.9	5
159	Crossâ€education effects of unilateral accentuated eccentric isoinertial resistance training on lean mass and function. Scandinavian Journal of Medicine and Science in Sports, 2021, , .	2.9	5
160	The effect of isokinetic dynamometer deceleration phase on maximum ankle joint range of motion and plantar flexor mechanical properties tested at different angular velocities. Journal of Biomechanics, 2019, 92, 169-174.	2.1	4
161	Does the presence of an opponent affect object projection accuracy in elite athletes? A study of the landing location of the short serve in elite badminton players. International Journal of Sports Science and Coaching, 2020, 15, 412-417.	1.4	3
162	A Reduction in Match-to-match Variability Using Maximal Mean Analyses in Sub-elite Soccer. International Journal of Sports Medicine, 2020, 41, 300-305.	1.7	3

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163	Comparison of methods of derivation of the yank-time signal from the vertical ground reaction forceâ€“time signal for identification of movement-related events. Journal of Biomechanics, 2021, 115, 110048.	2.1	3
164	Increases in Integrinâ€“ILKâ€“RICTORâ€“Akt Proteins, Muscle Mass, and Strength after Eccentric Cycling Training. Medicine and Science in Sports and Exercise, 2022, 54, 89-97.	0.4	3
165	Effects of Upper Body Eccentric versus Concentric Strength Training and Detraining on Maximal Force, Muscle Activation, Hypertrophy and Serum Hormones in Women. Journal of Sports Science and Medicine, 0, , 200-213.	1.6	3
166	Acute responses of comprehensive gonadosteroids and corticosteroids to resistance exercise before and after 10Âweeks of supervised strength training. Experimental Physiology, 2020, 105, 438-448.	2.0	2
167	Rate of torque development and striatal shape in individuals with prodromal Huntington's disease. Scientific Reports, 2020, 10, 15103.	3.3	2
168	Neuromuscular Fatigue After Long-Duration Adventure Racing in Adolescent Athletes. Pediatric Exercise Science, 2021, 33, 103-111.	1.0	2
169	Plantar flexor muscle stretching depresses the soleus late response but not tendon tap reflexes. European Journal of Neuroscience, 2021, 53, 3185-3198.	2.6	2
170	Faster intrinsic rate of torque development in elbow flexors than knee extensors: Effect of muscle architecture?. Journal of Electromyography and Kinesiology, 2021, 59, 102570.	1.7	2
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