Angus M Hunter

List of Publications by Year
in descending order

64 papers	1,717 citations	304743 22 h-index	302126 39 g-index
64 all docs	64 docs citations	64 times ranked	1959 citing authors

#	Article	IF	Citations
1	Assessment of eccentric exercise-induced muscle damage of the elbow flexors by tensiomyography. Journal of Electromyography and Kinesiology, 2012, 22, 334-341.	1.7	106
2	Evidence for Acute Electrophysiological and Cognitive Changes Following Routine Soccer Heading. EBioMedicine, 2016, 13, 66-71.	6.1	103
3	The effectiveness of two novel techniques in establishing the mechanical and contractile responses of biceps femoris. Physiological Measurement, 2011, 32, 1315-1326.	2.1	101
4	Assessment of Skeletal Muscle Contractile Properties by Radial Displacement: The Case for Tensiomyography. Sports Medicine, 2018, 48, 1607-1620.	6.5	97
5	Muscle Activation in the Loaded Free Barbell Squat. Journal of Strength and Conditioning Research, 2012, 26, 1169-1178.	2.1	92
6	Six weeks of a polarized training-intensity distribution leads to greater physiological and performance adaptations than a threshold model in trained cyclists. Journal of Applied Physiology, 2013, 114, 461-471.	2.5	79
7	Effects of supramaximal exercise on the electromyographic signal. British Journal of Sports Medicine, 2003, 37, 296-299.	6.7	75
8	Reliability and Measurement Error of Tensiomyography to Assess Mechanical Muscle Function: A Systematic Review. Journal of Strength and Conditioning Research, 2017, 31, 3524-3536.	2.1	70
9	Electromyographic (EMG) normalization method for cycle fatigue protocols. Medicine and Science in Sports and Exercise, 2002, 34, 857-861.	0.4	54
10	Fit with good fat? The role of n-3 polyunsaturated fatty acids on exercise performance. Metabolism: Clinical and Experimental, 2017, 66, 45-54.	3.4	51
11	Caffeine Ingestion Does Not Alter Performance during a 100-km Cycling Time-Trial Performance. International Journal of Sport Nutrition and Exercise Metabolism, 2002, 12, 438-452.	2.1	50
12	Long-term stability of tensiomyography measured under different muscle conditions. Journal of Electromyography and Kinesiology, 2013, 23, 558-563.	1.7	49
13	Reduced Radial Displacement of the Gastrocnemius Medialis Muscle After Electrically Elicited Fatigue. Journal of Sport Rehabilitation, 2016, 25, 241-247.	1.0	48
14	The effects of heat stress on neuromuscular activity during endurance exercise. Pflugers Archiv European Journal of Physiology, 2002, 444, 738-743.	2.8	45
15	Reliability and validity of fieldâ€based fitness tests in youth soccer players. European Journal of Sport Science, 2019, 19, 745-756.	2.7	42
16	A 6-month analysis of training-intensity distribution and physiological adaptation in Ironman triathletes. Journal of Sports Sciences, 2011, 29, 1515-1523.	2.0	38
17	The Effect of Foam Rolling for Three Consecutive Days on Muscular Efficiency and Range of Motion. Sports Medicine - Open, 2018, 4, 26.	3.1	35
18	Understanding the Consequences of Repetitive Subconcussive Head Impacts in Sport: Brain Changes and Dampened Motor Control Are Seen After Boxing Practice. Frontiers in Human Neuroscience, 2019, 13, 294.	2.0	34

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19	Surface EMG characteristics of people with multiple sclerosis during static contractions of the knee extensors. Clinical Physiology and Functional Imaging, 2011, 31, 11-17.	1.2	33
20	Effect of lower limb massage on electromyography and force production of the knee extensors. British Journal of Sports Medicine, 2006, 40, 114-118.	6.7	31
21	The Response to and Recovery From Maximum-Strength and -Power Training in Elite Track and Field Athletes. International Journal of Sports Physiology and Performance, 2016, 11, 356-362.	2.3	28
22	A case study comparison of objective and subjective evaluation methods of physical qualities in youth soccer players. Journal of Sports Sciences, 2020, 38, 1304-1312.	2.0	26
23	Tensiomyography Derived Parameters Reflect Skeletal Muscle Architectural Adaptations Following 6-Weeks of Lower Body Resistance Training. Frontiers in Physiology, 2019, 10, 1493.	2.8	25
24	Neuromuscular response differences to power vs strength back squat exercise in elite athletes. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, 630-639.	2.9	24
25	Evaluation of electromyography normalisation methods for the back squat. Journal of Electromyography and Kinesiology, 2012, 22, 308-319.	1.7	23
26	Insufficient Reporting of Factors Associated With Exercise Referral Scheme Uptake, Attendance, and Adherence: A Systematic Review of Reviews. Journal of Physical Activity and Health, 2019, 16, 667-676.	2.0	23
27	The impact of 6-month training preparation for an Ironman triathlon on the proportions of naÃ¯ve, memory and senescent T cells in resting blood. European Journal of Applied Physiology, 2012, 112, 2989-2998.	2.5	22
28	Metabolic Responses to Carbohydrate Ingestion during Exercise: Associations between Carbohydrate Dose and Endurance Performance. Nutrients, 2018, 10, 37.	4.1	22
29	Reliability of Change of Direction and Agility Assessments in Youth Soccer Players. Sports, 2020, 8, 51.	1.7	22
30	Progression from youth to professional soccer: A longitudinal study of successful and unsuccessful academy graduates. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 73-84.	2.9	22
31	Effects of carbohydrate ingestion on skill maintenance in squash players. European Journal of Sport Science, 2006, 6, 187-195.	2.7	19
32	INFLUENCE OF TOPICALLY APPLIED MENTHOL COOLING GEL ON SOFT TISSUE THERMODYNAMICS AND ARTERIAL AND CUTANEOUS BLOOD FLOW AT REST. International Journal of Sports Physical Therapy, 2018, 13, 483-492.	1.3	19
33	The effect of induced alkalosis and submaximal cycling on neuromuscular response during sustained isometric contraction. Journal of Sports Sciences, 2009, 27, 1261-1269.	2.0	17
34	Contemporary perspectives of core stability training for dynamic athletic performance: a survey of athletes, coaches, sports science and sports medicine practitioners. Sports Medicine - Open, 2018, 4, 32.	3.1	17
35	The Ingestion of 39 or 64 gÂ·hrâ¯1 of Carbohydrate is Equally Effective at Improving Endurance Exercise Performance in Cyclists. International Journal of Sport Nutrition and Exercise Metabolism, 2015, 25, 285-292.	2.1	12
36	MR elastography measurement of the effect of passive warmup prior to eccentric exercise on thigh muscle mechanical properties. Journal of Magnetic Resonance Imaging, 2017, 46, 1115-1127.	3.4	12

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37	Reduced firing rates of high threshold motor units in response to eccentric overload. Physiological Reports, 2017, 5, e13111.	1.7	12
38	Reproducibility of Limb Power Outputs and Cardiopulmonary Responses to Exercise Using a Novel Swimming Training Machine. International Journal of Sports Medicine, 2010, 31, 854-859.	1.7	11
39	EMG Amplitude in Maximal and Submaximal Exercise is Dependent on Signal Capture Rate. International Journal of Sports Medicine, 2003, 24, 83-89.	1.7	10
40	High-threshold motor unit firing reflects force recovery following a bout of damaging eccentric exercise. PLoS ONE, 2018, 13, e0195051.	2.5	10
41	Trunk Muscle Activation in the Back and Hack Squat at the Same Relative Loads. Journal of Strength and Conditioning Research, 2019, 33, S60-S69.	2.1	10
42	Influence of the â€œSlingshotâ€•Bench Press Training Aid on Bench Press Kinematics and Neuromuscular Activity in Competitive Powerlifters. Journal of Strength and Conditioning Research, 2019, 33, 327-336.	2.1	10
43	Understanding factors associated with sarcopenic obesity in older African women from a low-income setting: a cross-sectional analysis. BMC Geriatrics, 2021, 21, 247.	2.7	10
44	Reliability of Trunk Muscle Electromyography in the Loaded Back Squat Exercise. International Journal of Sports Medicine, 2016, 37, 448-456.	1.7	9
45	Exploring the Efficacy of a Safe Cryotherapy Alternative: Physiological Temperature Changes From Cold-Water Immersion Versus Prolonged Cooling of Phase-Change Material. International Journal of Sports Physiology and Performance, 2019, 14, 1288-1296.	2.3	9
46	The effect of selective Î²1-blockade on EMG signal characteristics during progressive endurance exercise. European Journal of Applied Physiology, 2002, 88, 275-281.	2.5	8
47	Reliability of a combined biomechanical and surface electromyographical analysis system during dynamic barbell squat exercise. Journal of Sports Sciences, 2011, 29, 1389-1397.	2.0	8
48	Effects of sport-related repetitive subconcussive head impacts on biofluid markers: a scoping review protocol. BMJ Open, 2021, 11, e046452.	1.9	6
49	Food Security, Dietary Intake, and Foodways of Urban Low-Income Older South African Women: An Exploratory Study. International Journal of Environmental Research and Public Health, 2021, 18, 3973.	2.6	5
50	The Reliability of Transcranial Magnetic Stimulation-Derived Corticomotor Inhibition as a Brain Health Evaluation Tool in Soccer Players. Sports Medicine - Open, 2022, 8, 7.	3.1	5
51	The effect of exercise induced hyperthermia on muscle fibre conduction velocity during sustained isometric contraction. Journal of Electromyography and Kinesiology, 2011, 21, 834-840.	1.7	4
52	Sarcopenic Obesity in Africa: A Call for Diagnostic Methods and Appropriate Interventions. Frontiers in Nutrition, 2021, 8, 661170.	3.7	4
53	INFLUENCE OF TOPICALLY APPLIED MENTHOL COOLING GEL ON SOFT TISSUE THERMODYNAMICS AND ARTERIAL AND CUTANEOUS BLOOD FLOW AT REST. International Journal of Sports Physical Therapy, 2018, 13, 483-492.	1.3	4
54	Exercise Referral Instructorsâ€™ Perspectives on Supporting and Motivating Participants to Uptake, Attend and Adhere to Exercise Prescription: A Qualitative Study. International Journal of Environmental Research and Public Health, 2022, 19, 203.	2.6	4

#	Article	IF	Citations
55	Associated Sociodemographic and Facility Patterning of Uptake, Attendance, and Session Count Within a Scottish Exercise Referral Scheme. Journal of Physical Activity and Health, 2021, 18, 557-562.	2.0	3
56	Longer Neurophysiological vs. Clinical Recovery Following Sport Concussion. Frontiers in Sports and Active Living, 2021, 3, 737712.	1.8	3
57	Intensity Matters for Musculoskeletal Health: A Cross-Sectional Study on Movement Behaviors of Older Adults from High-Income Scottish and Low-Income South African Communities. International Journal of Environmental Research and Public Health, 2021, 18, 4310.	2.6	2
58	The match between what is prescribed and reasons for prescribing in exercise referral schemes: a mixed method study. BMC Public Health, 2021, 21, 1003.	2.9	2
59	Increased strength is associated with lower trunk muscle activation during loaded back squats and dynamic body weight jumps. Translational Sports Medicine, 2020, 3, 107-118.	1.1	1
60	Prolonged cycling exercise alters neural control strategy, irrespective of carbohydrate dose ingested. Translational Sports Medicine, 2021, 4, 88-99.	1.1	1
61	Authorsâ€™ Reply to Valenzuela et al: Comment on: â€œAssessment of Skeletal Muscle Contractile Properties by Radial Displacement: The Case for Tensiomyographyâ€. Sports Medicine, 2019, 49, 977-978.	6.5	0
62	Impact of resistance training status on trunk muscle activation in a fatiguing set of heavy back squats. European Journal of Applied Physiology, 2021, 121, 597-608.	2.5	0
63	The Effect of Repeated Soccer Ball Heading on Cortico-spinal Excitability and Inhibition. Medicine and Science in Sports and Exercise, 2016, 48, 404.	0.4	0
64	The Effects of Topically Applied Menthol Cooling Gel on Intramuscular and Skin Temperatures. Medicine and Science in Sports and Exercise, 2016, 48, 371.	0.4	0