

Angus M Hunter

List of Publications by Year in descending order

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64
papers

1,717
citations

304701

22
h-index

302107

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. <i>Journal of Electromyography and Kinesiology</i> , 2012, 22, 334-341.	1.7	106
2	Evidence for Acute Electrophysiological and Cognitive Changes Following Routine Soccer Heading. <i>EBioMedicine</i> , 2016, 13, 66-71.	6.1	103
3	The effectiveness of two novel techniques in establishing the mechanical and contractile responses of biceps femoris. <i>Physiological Measurement</i> , 2011, 32, 1315-1326.	2.1	101
4	Assessment of Skeletal Muscle Contractile Properties by Radial Displacement: The Case for Tensiomyography. <i>Sports Medicine</i> , 2018, 48, 1607-1620.	6.5	97
5	Muscle Activation in the Loaded Free Barbell Squat. <i>Journal of Strength and Conditioning Research</i> , 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. <i>Journal of Applied Physiology</i> , 2013, 114, 461-471.	2.5	79
7	Effects of supramaximal exercise on the electromyographic signal. <i>British Journal of Sports Medicine</i> , 2003, 37, 296-299.	6.7	75
8	Reliability and Measurement Error of Tensiomyography to Assess Mechanical Muscle Function: A Systematic Review. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 3524-3536.	2.1	70
9	Electromyographic (EMG) normalization method for cycle fatigue protocols. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 857-861.	0.4	54
10	Fit with good fat? The role of n-3 polyunsaturated fatty acids on exercise performance. <i>Metabolism: Clinical and Experimental</i> , 2017, 66, 45-54.	3.4	51
11	Caffeine Ingestion Does Not Alter Performance during a 100-km Cycling Time-Trial Performance. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2002, 12, 438-452.	2.1	50
12	Long-term stability of tensiomyography measured under different muscle conditions. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 558-563.	1.7	49
13	Reduced Radial Displacement of the Gastrocnemius Medialis Muscle After Electrically Elicited Fatigue. <i>Journal of Sport Rehabilitation</i> , 2016, 25, 241-247.	1.0	48
14	The effects of heat stress on neuromuscular activity during endurance exercise. <i>Pflugers Archiv European Journal of Physiology</i> , 2002, 444, 738-743.	2.8	45
15	Reliability and validity of field-based fitness tests in youth soccer players. <i>European Journal of Sport Science</i> , 2019, 19, 745-756.	2.7	42
16	A 6-month analysis of training-intensity distribution and physiological adaptation in Ironman triathletes. <i>Journal of Sports Sciences</i> , 2011, 29, 1515-1523.	2.0	38
17	The Effect of Foam Rolling for Three Consecutive Days on Muscular Efficiency and Range of Motion. <i>Sports Medicine - Open</i> , 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. <i>Frontiers in Human Neuroscience</i> , 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. <i>Clinical Physiology and Functional Imaging</i> , 2011, 31, 11-17.	1.2	33
20	Effect of lower limb massage on electromyography and force production of the knee extensors. <i>British Journal of Sports Medicine</i> , 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. <i>International Journal of Sports Physiology and Performance</i> , 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. <i>Journal of Sports Sciences</i> , 2020, 38, 1304-1312.	2.0	26
23	Tensiomyography Derived Parameters Reflect Skeletal Muscle Architectural Adaptations Following 6-Weeks of Lower Body Resistance Training. <i>Frontiers in Physiology</i> , 2019, 10, 1493.	2.8	25
24	Neuromuscular response differences to power vs strength back squat exercise in elite athletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 630-639.	2.9	24
25	Evaluation of electromyography normalisation methods for the back squat. <i>Journal of Electromyography and Kinesiology</i> , 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. <i>Journal of Physical Activity and Health</i> , 2019, 16, 667-676.	2.0	23
27	The impact of 6-month training preparation for an Ironman triathlon on the proportions of naïve, memory and senescent T cells in resting blood. <i>European Journal of Applied Physiology</i> , 2012, 112, 2989-2998.	2.5	22
28	Metabolic Responses to Carbohydrate Ingestion during Exercise: Associations between Carbohydrate Dose and Endurance Performance. <i>Nutrients</i> , 2018, 10, 37.	4.1	22
29	Reliability of Change of Direction and Agility Assessments in Youth Soccer Players. <i>Sports</i> , 2020, 8, 51.	1.7	22
30	Progression from youth to professional soccer: A longitudinal study of successful and unsuccessful academy graduates. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 73-84.	2.9	22
31	Effects of carbohydrate ingestion on skill maintenance in squash players. <i>European Journal of Sport Science</i> , 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. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 483-492.	1.3	19
33	The effect of induced alkalosis and submaximal cycling on neuromuscular response during sustained isometric contraction. <i>Journal of Sports Sciences</i> , 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. <i>Sports Medicine - Open</i> , 2018, 4, 32.	3.1	17
35	The Ingestion of 39 or 64 g·hr ⁻¹ of Carbohydrate is Equally Effective at Improving Endurance Exercise Performance in Cyclists. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 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. <i>Journal of Magnetic Resonance Imaging</i> , 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. <i>Physiological Reports</i> , 2017, 5, e13111.	1.7	12
38	Reproducibility of Limb Power Outputs and Cardiopulmonary Responses to Exercise Using a Novel Swimming Training Machine. <i>International Journal of Sports Medicine</i> , 2010, 31, 854-859.	1.7	11
39	EMG Amplitude in Maximal and Submaximal Exercise is Dependent on Signal Capture Rate. <i>International Journal of Sports Medicine</i> , 2003, 24, 83-89.	1.7	10
40	High-threshold motor unit firing reflects force recovery following a bout of damaging eccentric exercise. <i>PLoS ONE</i> , 2018, 13, e0195051.	2.5	10
41	Trunk Muscle Activation in the Back and Hack Squat at the Same Relative Loads. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, S60-S69.	2.1	10
42	Influence of the "Slingshot" Bench Press Training Aid on Bench Press Kinematics and Neuromuscular Activity in Competitive Powerlifters. <i>Journal of Strength and Conditioning Research</i> , 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. <i>BMC Geriatrics</i> , 2021, 21, 247.	2.7	10
44	Reliability of Trunk Muscle Electromyography in the Loaded Back Squat Exercise. <i>International Journal of Sports Medicine</i> , 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. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 1288-1296.	2.3	9
46	The effect of selective β_1 -blockade on EMG signal characteristics during progressive endurance exercise. <i>European Journal of Applied Physiology</i> , 2002, 88, 275-281.	2.5	8
47	Reliability of a combined biomechanical and surface electromyographical analysis system during dynamic barbell squat exercise. <i>Journal of Sports Sciences</i> , 2011, 29, 1389-1397.	2.0	8
48	Effects of sport-related repetitive subconcussive head impacts on biofluid markers: a scoping review protocol. <i>BMJ Open</i> , 2021, 11, e046452.	1.9	6
49	Food Security, Dietary Intake, and Foodways of Urban Low-Income Older South African Women: An Exploratory Study. <i>International Journal of Environmental Research and Public Health</i> , 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. <i>Sports Medicine - Open</i> , 2022, 8, 7.	3.1	5
51	The effect of exercise induced hyperthermia on muscle fibre conduction velocity during sustained isometric contraction. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 834-840.	1.7	4
52	Sarcopenic Obesity in Africa: A Call for Diagnostic Methods and Appropriate Interventions. <i>Frontiers in Nutrition</i> , 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. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 483-492.	1.3	4
54	Exercise Referral Instructors' Perspectives on Supporting and Motivating Participants to Uptake, Attend and Adhere to Exercise Prescription: A Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 203.	2.6	4

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55	Associated Sociodemographic and Facility Patterning of Uptake, Attendance, and Session Count Within a Scottish Exercise Referral Scheme. <i>Journal of Physical Activity and Health</i> , 2021, 18, 557-562.	2.0	3
56	Longer Neurophysiological vs. Clinical Recovery Following Sport Concussion. <i>Frontiers in Sports and Active Living</i> , 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. <i>International Journal of Environmental Research and Public Health</i> , 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. <i>BMC Public Health</i> , 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. <i>Translational Sports Medicine</i> , 2020, 3, 107-118.	1.1	1
60	Prolonged cycling exercise alters neural control strategy, irrespective of carbohydrate dose ingested. <i>Translational Sports Medicine</i> , 2021, 4, 88-99.	1.1	1
61	Authors'™ Reply to Valenzuela et al: Comment on: "Assessment of Skeletal Muscle Contractile Properties by Radial Displacement: The Case for Tensiomyography". <i>Sports Medicine</i> , 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. <i>European Journal of Applied Physiology</i> , 2021, 121, 597-608.	2.5	0
63	The Effect of Repeated Soccer Ball Heading on Cortico-spinal Excitability and Inhibition. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 404.	0.4	0
64	The Effects of Topically Applied Menthol Cooling Gel on Intramuscular and Skin Temperatures. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 371.	0.4	0