

Anthony J Shield

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

4,979
citations

109264

35
h-index

95218

68
g-index

79
all docs

79
docs citations

79
times ranked

3409
citing authors

#	ARTICLE	IF	CITATIONS
1	Hamstring Strain Injuries. <i>Sports Medicine</i> , 2012, 42, 209-226.	3.1	483
2	Short biceps femoris fascicles and eccentric knee flexor weakness increase the risk of hamstring injury in elite football (soccer): a prospective cohort study. <i>British Journal of Sports Medicine</i> , 2016, 50, 1524-1535.	3.1	330
3	Early signaling responses to divergent exercise stimuli in skeletal muscle from well-trained humans. <i>FASEB Journal</i> , 2006, 20, 190-192.	0.2	285
4	Assessing Voluntary Muscle Activation with the Twitch Interpolation Technique. <i>Sports Medicine</i> , 2004, 34, 253-267.	3.1	269
5	Eccentric Hamstring Strength and Hamstring Injury Risk in Australian Footballers. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 857-865.	0.2	252
6	Impact of the Nordic hamstring and hip extension exercises on hamstring architecture and morphology: implications for injury prevention. <i>British Journal of Sports Medicine</i> , 2017, 51, 469-477.	3.1	195
7	A Novel Device Using the Nordic Hamstring Exercise to Assess Eccentric Knee Flexor Strength: A Reliability and Retrospective Injury Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2013, 43, 636-640.	1.7	171
8	Post-exercise cold water immersion attenuates acute anabolic signalling and long-term adaptations in muscle to strength training. <i>Journal of Physiology</i> , 2015, 593, 4285-4301.	1.3	157
9	Eccentric Knee Flexor Strength and Risk of Hamstring Injuries in Rugby Union. <i>American Journal of Sports Medicine</i> , 2015, 43, 2663-2670.	1.9	155
10	An Evidence-Based Framework for Strengthening Exercises to Prevent Hamstring Injury. <i>Sports Medicine</i> , 2018, 48, 251-267.	3.1	155
11	The role of neuromuscular inhibition in hamstring strain injury recurrence. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 523-530.	0.7	136
12	Architectural Changes of the Biceps Femoris Long Head after Concentric or Eccentric Training. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 499-508.	0.2	136
13	The financial cost of hamstring strain injuries in the Australian Football League. <i>British Journal of Sports Medicine</i> , 2014, 48, 729-730.	3.1	135
14	Impact of exercise selection on hamstring muscle activation. <i>British Journal of Sports Medicine</i> , 2017, 51, 1021-1028.	3.1	133
15	Effect of high-speed running on hamstring strain injury risk. <i>British Journal of Sports Medicine</i> , 2016, 50, 1536-1540.	3.1	131
16	Ageing and the force-velocity relationship of muscles. <i>Experimental Gerontology</i> , 2010, 45, 81-90.	1.2	128
17	Interaction of contractile activity and training history on mRNA abundance in skeletal muscle from trained athletes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E849-E855.	1.8	118
18	Biceps Femoris Long Head Architecture. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 905-913.	0.2	111

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19	Knee flexor strength and bicep femoris electromyographical activity is lower in previously strained hamstrings. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 696-703.	0.7	107
20	Architectural adaptations of muscle to training and injury: a narrative review outlining the contributions by fascicle length, pennation angle and muscle thickness. <i>British Journal of Sports Medicine</i> , 2016, 50, 1467-1472.	3.1	96
21	Hamstring strength and flexibility after hamstring strain injury: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2016, 50, 909-920.	3.1	91
22	Muscle activation patterns in the Nordic hamstring exercise: Impact of prior strain injury. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 666-674.	1.3	70
23	Influence of preexercise muscle glycogen content on transcriptional activity of metabolic and myogenic genes in well-trained humans. <i>Journal of Applied Physiology</i> , 2007, 102, 1604-1611.	1.2	67
24	Predictive Modeling of Hamstring Strain Injuries in Elite Australian Footballers. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 906-914.	0.2	67
25	Rate of Torque and Electromyographic Development During Anticipated Eccentric Contraction Is Lower in Previously Strained Hamstrings. <i>American Journal of Sports Medicine</i> , 2013, 41, 116-125.	1.9	66
26	Effects of Eccentrically Biased versus Conventional Weight Training in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1167-1176.	0.2	59
27	Muscular and cardiorespiratory effects of pseudoephedrine in human athletes. <i>British Journal of Clinical Pharmacology</i> , 2000, 50, 205-213.	1.1	55
28	Hamstring Injury Prevention Practices in Elite Sport: Evidence for Eccentric Strength vs. Lumbo-Pelvic Training. <i>Sports Medicine</i> , 2018, 48, 513-524.	3.1	54
29	Reliability of ultrasonographic measurement of the architecture of the vastus lateralis and gastrocnemius medialis muscles in older adults. <i>Clinical Physiology and Functional Imaging</i> , 2012, 32, 65-70.	0.5	53
30	Hamstring muscle activation and morphology are significantly altered 6 years after anterior cruciate ligament reconstruction with semitendinosus graft. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 733-741.	2.3	53
31	The Effect of Previous Hamstring Strain Injuries on the Change in Eccentric Hamstring Strength During Preseason Training in Elite Australian Footballers. <i>American Journal of Sports Medicine</i> , 2015, 43, 377-384.	1.9	49
32	Reduced biceps femoris myoelectrical activity influences eccentric knee flexor weakness after repeat sprint running. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, e299-305.	1.3	47
33	Running exposure is associated with the risk of hamstring strain injury in elite Australian footballers. <i>British Journal of Sports Medicine</i> , 2018, 52, 919-928.	3.1	45
34	Biceps Femoris Architecture and Strength in Athletes with a Previous Anterior Cruciate Ligament Reconstruction. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 337-345.	0.2	42
35	Effects of resistance training concentric velocity on older adults' functional capacity: A systematic review and meta-analysis of randomised trials. <i>Experimental Gerontology</i> , 2019, 127, 110731.	1.2	40
36	Estimates of persistent inward currents increase with the level of voluntary drive in low-threshold motor units of plantar flexor muscles. <i>Journal of Neurophysiology</i> , 2021, 125, 1746-1754.	0.9	40

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37	Ultrasound Measurements of Skeletal Muscle Architecture Are Associated with Strength and Functional Capacity in Older Adults. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 586-594.	0.7	37
38	Intrinsic motoneuron excitability is reduced in soleus and tibialis anterior of older adults. <i>GeroScience</i> , 2021, 43, 2719-2735.	2.1	28
39	Knee extensor strength differences in obese and healthy-weight 10-to 13-year-olds. <i>European Journal of Applied Physiology</i> , 2013, 113, 1415-1422.	1.2	27
40	Effect of concentric and eccentric hamstring training on sprint recovery, strength and muscle architecture in inexperienced athletes. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 769-774.	0.6	24
41	Is There Evidence to Support the Use of the Angle of Peak Torque as a Marker of Hamstring Injury and Re-Injury Risk?. <i>Sports Medicine</i> , 2016, 46, 7-13.	3.1	23
42	Acute Injuries in Track and Field Athletes. <i>American Journal of Sports Medicine</i> , 2015, 43, 816-822.	1.9	20
43	Impaired Physical Function Associated with Childhood Obesity: How Should We Intervene?. <i>Childhood Obesity</i> , 2016, 12, 126-134.	0.8	20
44	Is power training effective to produce muscle hypertrophy in older adults? A systematic review and meta-analysis. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 1031-1040.	0.9	17
45	ECCENTRIC HAMSTRING STRENGTH IS ASSOCIATED WITH AGE AND DURATION OF PREVIOUS SEASON HAMSTRING INJURY IN MALE SOCCER PLAYERS. <i>International Journal of Sports Physical Therapy</i> , 2020, 15, 246-253.	0.5	17
46	Hamstring Muscle Use in Women During Hip Extension and the Nordic Hamstring Exercise: A Functional Magnetic Resonance Imaging Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2018, 48, 607-612.	1.7	16
47	Voluntary Activation and Reflex Responses after Hamstring Strain Injury. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1862-1869.	0.2	14
48	Mechanical, Material and Morphological Adaptations of Healthy Lower Limb Tendons to Mechanical Loading: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2022, 52, 2405-2429.	3.1	14
49	The effect of previous shoulder pain on supraspinatus tendon thickness changes following swimming practice. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1442-1448.	1.3	13
50	Do motoneuron discharge rates slow with aging? A systematic review and meta-analysis. <i>Mechanisms of Ageing and Development</i> , 2022, 203, 111647.	2.2	13
51	A functional MRI Exploration of Hamstring Activation During the Supine Bridge Exercise. <i>International Journal of Sports Medicine</i> , 2018, 39, 104-109.	0.8	12
52	Effect of acute augmented feedback on between limb asymmetries and eccentric knee flexor strength during the Nordic hamstring exercise. <i>PeerJ</i> , 2018, 6, e4972.	0.9	12
53	The Biodex Isokinetic Dynamometer for knee strength assessment in children: Advantages and limitations. <i>Work</i> , 2011, 39, 161-167.	0.6	11
54	Drop punt kicking induces eccentric knee flexor weakness associated with reductions in hamstring electromyographic activity. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 595-599.	0.6	10

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55	Muscle Activity and Activation in Previously Strain-Injured Lower Limbs: A Systematic Review. <i>Sports Medicine</i> , 2021, 51, 2311-2327.	3.1	9
56	The effect of swimming volume and intensity on changes in supraspinatus tendon thickness. <i>Physical Therapy in Sport</i> , 2021, 47, 173-177.	0.8	7
57	Comparisons of eccentric knee flexor strength and asymmetries across elite, sub-elite and school level cricket players. <i>PeerJ</i> , 2016, 4, e1594.	0.9	7
58	Determining Criteria to Predict Repeatability of Performance in Older Adults: Using Coefficients of Variation for Strength and Functional Measures. <i>Journal of Aging and Physical Activity</i> , 2017, 25, 94-98.	0.5	5
59	Sprinting Biomechanics and Hamstring Injuries: Is There a Link? A Literature Review. <i>Sports</i> , 2021, 9, 141.	0.7	5
60	Performance changes during the off-season period in football players – Effects of age and previous hamstring injury. <i>Journal of Sports Sciences</i> , 2020, 38, 2489-2499.	1.0	4
61	Hamstring and gluteal activation during high-speed overground running: Impact of prior strain injury. <i>Journal of Sports Sciences</i> , 2021, 39, 2073-2079.	1.0	4
62	Anterior Cruciate Ligament Reconstruction Increases the Risk of Hamstring Strain Injury Across Football Codes in Australia. <i>Sports Medicine</i> , 2022, 52, 923-932.	3.1	4
63	ECCENTRIC HAMSTRING STRENGTH IS ASSOCIATED WITH AGE AND DURATION OF PREVIOUS SEASON HAMSTRING INJURY IN MALE SOCCER PLAYERS. <i>International Journal of Sports Physical Therapy</i> , 2020, 15, 246-253.	0.5	4
64	Sprinting technique and hamstring strain injuries: A concept mapping study. <i>Journal of Science and Medicine in Sport</i> , 2021, , .	0.6	3
65	Neuromuscular Factors Related to Hamstring Muscle Function, Performance and Injury. , 2020, , 117-143.		3
66	Runners with mid-portion Achilles tendinopathy have greater triceps surae intracortical inhibition than healthy controls. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 728-736.	1.3	3
67	Cross-sectional Study of EMG and EMG Rise During Fast and Slow Hamstring Exercises. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 1033-1042.	0.5	2
68	Lower knee flexion and hip extension rate of torque development in athletes with previous hamstring strain injury. <i>Journal of Sports Sciences</i> , 2021, , 1-8.	1.0	2
69	The effects of three neuromuscular electrical stimulation methods on muscle force production and neuromuscular fatigue. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 0, , .	1.3	2
70	Infographic. The effect of high-speed running on hamstring strain injury risk. <i>British Journal of Sports Medicine</i> , 2019, 53, 1034-1035.	3.1	1
71	Anatomy of the Hamstrings. , 2020, , 1-30.		1
72	Infographic. Impact of the Nordic hamstring and hip extension exercises on hamstring architecture and morphology: implications for injury prevention. <i>British Journal of Sports Medicine</i> , 2018, 52, 1490-1491.	3.1	0

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73	Reply to Li et al.. International Journal of Sports Medicine, 2018, 39, 408-408.	0.8	0
74	Optimising Hamstring Strength and Function for Performance After Hamstring Injury. , 2020, , 283-313.		0
75	160â€¦Eccentric hamstring strength and sprinting performance changes during the off-season in Spanish footballers. , 2021, , .		0