

Jared R Fletcher

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

800
citations

686830

13
h-index

525886

27
g-index

35
all docs

35
docs citations

35
times ranked

815
citing authors

#	ARTICLE	IF	CITATIONS
1	Can changes in midsole bending stiffness of shoes affect the onset of joint work redistribution during a prolonged run?. <i>Journal of Sport and Health Science</i> , 2022, 11, 293-302.	3.3	19
2	Increasing the midsole bending stiffness of shoes alters gastrocnemius medialis muscle function during running. <i>Scientific Reports</i> , 2021, 11, 749.	1.6	28
3	Editorial: The Stretch-Shortening Cycle of Active Muscle and Muscle-Tendon Complex: What, Why and How It Increases Muscle Performance?. <i>Frontiers in Physiology</i> , 2021, 12, 693141.	1.3	9
4	Age-related reductions in the number of serial sarcomeres contribute to shorter fascicle lengths but not elevated passive tension. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	7
5	How Can Biomechanics Improve Physical Preparation and Performance in Paralympic Athletes? A Narrative Review. <i>Sports</i> , 2021, 9, 89.	0.7	10
6	Active Technology and Accessories. <i>Advances in Finance, Accounting, and Economics</i> , 2021, , 138-171.	0.3	0
7	Commentaries on Viewpoint: A (Baker's) dozen tips for enhancing early-stage academic career development in biomedical research. <i>Journal of Applied Physiology</i> , 2021, 131, 1516-1519.	1.2	2
8	Triceps Surae Muscle-Tendon Properties as Determinants of the Metabolic Cost in Trained Long-Distance Runners. <i>Frontiers in Physiology</i> , 2021, 12, 767445.	1.3	3
9	Cumulative Metrics of Tendon Load and Damage Vary Discordantly with Running Speed. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1549-1556.	0.2	19
10	Mechanisms of reduced plantarflexor function in Cerebral palsy: smaller triceps surae moment arm and reduced muscle force. <i>Journal of Biomechanics</i> , 2020, 110, 109959.	0.9	4
11	The Effects of Increased Midsole Bending Stiffness of Sport Shoes on Muscle-Tendon Unit Shortening and Shortening Velocity: a Randomised Crossover Trial in Recreational Male Runners. <i>Sports Medicine - Open</i> , 2020, 6, 9.	1.3	27
12	Implementation Strategies of a Quality Improvement Initiative for Hospital-Acquired Clostridioides difficile Infection Prevention. <i>Infection Control and Hospital Epidemiology</i> , 2020, 41, s279-s280.	1.0	0
13	Does increased midsole bending stiffness of sport shoes redistribute lower limb joint work during running?. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 1272-1277.	0.6	36
14	The effect of torsional shoe sole stiffness on knee moment and gross efficiency in cycling. <i>Journal of Sports Sciences</i> , 2019, 37, 1457-1463.	1.0	5
15	Estimates of Achilles Tendon Moment Arm Length at Different Ankle Joint Angles: Effect of Passive Moment. <i>Journal of Applied Biomechanics</i> , 2018, , 1-22.	0.3	5
16	Theoretical considerations for muscle-energy savings during distance running. <i>Journal of Biomechanics</i> , 2018, 73, 73-79.	0.9	5
17	Commentaries on Viewpoint: Use aerobic energy expenditure instead of oxygen uptake to quantify exercise intensity and predict endurance performance. <i>Journal of Applied Physiology</i> , 2018, 125, 676-682.	1.2	6
18	Changes in Achilles tendon stiffness and energy cost following a prolonged run in trained distance runners. <i>PLoS ONE</i> , 2018, 13, e0202026.	1.1	15

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19	Estimates of Achilles Tendon Moment Arm Length at Different Ankle Joint Angles: Effect of Passive Moment. <i>Journal of Applied Biomechanics</i> , 2018, 34, 220-225.	0.3	12
20	Does a less torsionally stiff cycling shoe reduce knee moments during cycling?. <i>Footwear Science</i> , 2017, 9, S53-S54.	0.8	0
21	Running Economy from a Muscle Energetics Perspective. <i>Frontiers in Physiology</i> , 2017, 8, 433.	1.3	93
22	Pacing Strategy, Muscle Fatigue, and Technique in 1500-m Speed-Skating and Cycling Time Trials. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 337-343.	1.1	34
23	Achilles tendon strain energy in distance running: consider the muscle energy cost. <i>Journal of Applied Physiology</i> , 2015, 118, 193-199.	1.2	45
24	Can muscle shortening alone, explain the energy cost of muscle contraction in vivo?. <i>European Journal of Applied Physiology</i> , 2013, 113, 2313-2322.	1.2	32
25	Energy cost of running and Achilles tendon stiffness in man and woman trained runners. <i>Physiological Reports</i> , 2013, 1, e00178.	0.7	36
26	Quantification of the manifestations of fatigue during treadmill running. <i>European Journal of Sport Science</i> , 2012, 12, 418-424.	1.4	4
27	Reply to: Reply to: The parabolic power-velocity relationship does apply to fatigued states. <i>European Journal of Applied Physiology</i> , 2012, 112, 1195-1196.	1.2	3
28	Procedures for Rat &in situ&; Skeletal Muscle Contractile Properties. <i>Journal of Visualized Experiments</i> , 2011, , e3167.	0.2	9
29	The parabolic power-velocity relationship does apply to fatigued states. <i>European Journal of Applied Physiology</i> , 2011, 111, 319-320.	1.2	13
30	Changes in tendon stiffness and running economy in highly trained distance runners. <i>European Journal of Applied Physiology</i> , 2010, 110, 1037-1046.	1.2	108
31	Economy of running: beyond the measurement of oxygen uptake. <i>Journal of Applied Physiology</i> , 2009, 107, 1918-1922.	1.2	209