

John James McMahon

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,172
citations

304743

22
h-index

315739

38
g-index

83
all docs

83
docs citations

83
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Lower Limb Stiffness. Strength and Conditioning Journal, 2012, 34, 70-73.	1.4	377
2	Understanding the Key Phases of the Countermovement Jump Force-Time Curve. Strength and Conditioning Journal, 2018, 40, 96-106.	1.4	172
3	Effect of Knee and Trunk Angle on Kinetic Variables During the Isometric Midhigh Pull: Test-Retest Reliability. International Journal of Sports Physiology and Performance, 2015, 10, 58-63.	2.3	100
4	The Role of Eccentric Strength in 180° Turns in Female Soccer Players. Sports, 2017, 5, 42.	1.7	92
5	Sex Differences in Countermovement Jump Phase Characteristics. Sports, 2017, 5, 8.	1.7	80
6	Countermovement-Jump-Phase Characteristics of Senior and Academy Rugby League Players. International Journal of Sports Physiology and Performance, 2017, 12, 803-811.	2.3	79
7	The Effect of Nordic Hamstring Exercise Intervention Volume on Eccentric Strength and Muscle Architecture Adaptations: A Systematic Review and Meta-analyses. Sports Medicine, 2020, 50, 83-99.	6.5	75
8	Concurrent Validity of a Portable Force Plate Using Vertical Jump Force-Time Characteristics. Journal of Applied Biomechanics, 2018, 34, 410-413.	0.8	59
9	Influence of the Reactive Strength Index Modified on Force and Power-Time Curves. International Journal of Sports Physiology and Performance, 2018, 13, 220-227.	2.3	45
10	Reliability of Maximal Back Squat and Power Clean Performances in Inexperienced Athletes. Journal of Strength and Conditioning Research, 2015, 29, 3089-3096.	2.1	44
11	Determination of Optimal Loading During the Power Clean, in Collegiate Athletes. Journal of Strength and Conditioning Research, 2012, 26, 2970-2974.	2.1	41
12	Reliability of the 505 Change-of-Direction Test in Netball Players. International Journal of Sports Physiology and Performance, 2016, 11, 377-380.	2.3	40
13	Lower Limb Mechanical Properties. Sports Medicine, 2012, 42, 929-940.	6.5	36
14	Developing Powerful Athletes, Part 1: Mechanical Underpinnings. Strength and Conditioning Journal, 2020, 42, 30-39.	1.4	36
15	Lower Limb Stiffness. Strength and Conditioning Journal, 2012, 34, 94-101.	1.4	33
16	The Effect of Hip Joint Angle on Isometric Midhigh Pull Kinetics. Journal of Strength and Conditioning Research, 2017, 31, 2748-2757.	2.1	33
17	The reliability and validity of the bar-mounted PUSH Band TM 2.0 during bench press with moderate and heavy loads. Journal of Sports Sciences, 2019, 37, 2685-2690.	2.0	33
18	Effects of Spaceflight on Musculoskeletal Health: A Systematic Review and Meta-analysis, Considerations for Interplanetary Travel. Sports Medicine, 2021, 51, 2097-2114.	6.5	32

#	ARTICLE	IF	CITATIONS
19	A Correction Equation for Jump Height Measured Using the Just Jump System. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 555-557.	2.3	31
20	Effect of Sampling Frequency on Isometric Midhigh-Pull Kinetics. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 255-260.	2.3	29
21	Between-Session Reliability of Isometric Midhigh Pull Kinetics and Maximal Power Clean Performance in Male Youth Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 3364-3372.	2.1	29
22	Effect of Barbell Load on Vertical Jump Landing Force-Time Characteristics. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 25-32.	2.1	27
23	Influence of Dynamic Strength Index on Countermovement Jump Force-, Power-, Velocity-, and Displacement-Time Curves. <i>Sports</i> , 2017, 5, 72.	1.7	25
24	The Benefits and Limitations of Predicting One Repetition Maximum Using the Load-Velocity Relationship. <i>Strength and Conditioning Journal</i> , 2019, 41, 28-40.	1.4	25
25	An Investigation Into the Effects of Excluding the Catch Phase of the Power Clean on Force-Time Characteristics During Isometric and Dynamic Tasks: An Intervention Study. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2116-2129.	2.1	23
26	The Validity of the Push Band 2.0 during Vertical Jump Performance. <i>Sports</i> , 2018, 6, 140.	1.7	22
27	Reliability of and Relationship between Flight Time to Contraction Time Ratio and Reactive Strength Index Modified. <i>Sports</i> , 2018, 6, 81.	1.7	22
28	Relationship Between Reactive Strength Index Variants in Rugby League Players. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 280-285.	2.1	22
29	Developing Powerful Athletes Part 2: Practical Applications. <i>Strength and Conditioning Journal</i> , 2021, 43, 23-31.	1.4	21
30	Unilateral vs. bilateral hamstring strength assessments: comparing reliability and inter-limb asymmetries in female soccer players. <i>Journal of Sports Sciences</i> , 2021, 39, 1481-1488.	2.0	20
31	Relationships between Isometric Force-Time Characteristics and Dynamic Performance. <i>Sports</i> , 2017, 5, 68.	1.7	19
32	Comparison of Methods of Calculating Dynamic Strength Index. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 320-325.	2.3	19
33	The effect of peer tutoring on academic achievement. <i>Journal of Applied Research in Higher Education</i> , 2014, 6, 168-175.	1.9	18
34	Assessment of Loaded Squat Jump Height With a Free-Weight Barbell and Smith Machine: Comparison of the Takeoff Velocity and Flight Time Procedures. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 671-677.	2.1	18
35	Changes in Dynamic Strength Index in Response to Strength Training. <i>Sports</i> , 2018, 6, 176.	1.7	17
36	A Proposed Method for Evaluating Drop Jump Performance with One Force Platform. <i>Biomechanics</i> , 2021, 1, 178-189.	1.2	17

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37	No Kinetic Differences During Variations of the Power Clean in Inexperienced Female Collegiate Athletes. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 363-368.	2.1	16
38	Changes in Strength, Power, and Speed Across a Season in English County Cricketers. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 50-55.	2.3	16
39	The Effect of Training with Weightlifting Catching or Pulling Derivatives on Squat Jump and Countermovement Jump Force-Time Adaptations. <i>Journal of Functional Morphology and Kinesiology</i> , 2020, 5, 28.	2.4	16
40	Relationships between jump and sprint performance in first-class county cricketers. <i>Journal of Trainology</i> , 2015, 4, 1-5.	0.5	15
41	Comparison of the Force-, Velocity-, and Power-Time Curves Between the Concentric-Only and Eccentric-Concentric Bench Press Exercises. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 1618-1624.	2.1	15
42	Optimizing Squat Technique—Revisited. <i>Strength and Conditioning Journal</i> , 2018, 40, 68-74.	1.4	14
43	Dosage dependent requirements of Magoh for cortical interneuron generation and survival. <i>Development (Cambridge)</i> , 2019, 147, .	2.5	14
44	Comparison of Countermovement Jump—Derived Reactive Strength Index Modified and Underpinning Force-Time Variables Between Super League and Championship Rugby League Players. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 226-231.	2.1	14
45	Contribution of Eccentric Strength to Cutting Performance in Female Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 525-533.	2.1	14
46	Vertical Jump Testing in Rugby League: A Rationale for Calculating Take-Off Momentum. <i>Journal of Applied Biomechanics</i> , 2020, 36, 370-374.	0.8	14
47	Comment on: “Anthropometric and Physical Qualities of Elite Male Youth Rugby League Players”. <i>Sports Medicine</i> , 2017, 47, 2667-2668.	6.5	13
48	Within-Subject Consistency of Unimodal and Bimodal Force Application during the Countermovement Jump. <i>Sports</i> , 2018, 6, 143.	1.7	12
49	A Comparison of Kinetic and Kinematic Variables During the Midhigh Pull and Countermovement Shrug, Across Loads. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 1830-1841.	2.1	12
50	Relationships among countermovement vertical jump performance metrics, strategy variables, and inter-limb asymmetry in females. <i>Sports Biomechanics</i> , 2021, , 1-19.	1.6	12
51	The Effect of Load Placement on the Power Production Characteristics of Three Lower Extremity Jumping Exercises. <i>Journal of Human Kinetics</i> , 2019, 68, 109-122.	1.5	12
52	The effects of a four week jump-training program on frontal plane projection angle in female gymnasts. <i>Physical Therapy in Sport</i> , 2018, 30, 29-33.	1.9	11
53	Within- and between-session reliability of medial gastrocnemius architectural properties. <i>Biology of Sport</i> , 2016, 33, 185-188.	3.2	11
54	Lack of Effect of Ankle Position During the Nordic Curl on Muscle Activity of the Biceps Femoris and Medial Gastrocnemius. <i>Journal of Sport Rehabilitation</i> , 2017, 26, 202-207.	1.0	10

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55	Returners Exhibit Greater Jumping Performance Improvements During a Peaking Phase Compared With New Players on a Volleyball Team. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 709-716.	2.3	10
56	A Comparison of Kinetic and Kinematic Variables During the Pull From the Knee and Hang Pull, Across Loads. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 1819-1829.	2.1	10
57	The Effect of Exercise Compliance on Risk Reduction for Hamstring Strain Injury: A Systematic Review and Meta-Analyses. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11260.	2.6	10
58	Normalization of Early Isometric Force Production as a Percentage of Peak Force During Multijoint Isometric Assessment. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 478-482.	2.3	9
59	Changes in Early and Maximal Isometric Force Production in Response to Moderate- and High-Load Strength and Power Training. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 593-599.	2.1	9
60	A comparison of maximal power clean performances performed from the floor, knee and mid-thigh. <i>Journal of Trainology</i> , 2014, 3, 53-56.	0.5	8
61	Relationships between speed, change of direction and jump performance with cricket specific speed tests in male academy cricketers. <i>Journal of Trainology</i> , 2015, 4, 37-42.	0.5	8
62	The 10/5 Repeated Jumps Test: Are 10 Repetitions and Three Trials Necessary?. <i>Biomechanics</i> , 2021, 1, 1-14.	1.2	7
63	Assessing the frequency and magnitude of match impacts accrued during an elite rugby union playing season. <i>International Journal of Performance Analysis in Sport</i> , 2018, 18, 507-522.	1.1	6
64	Relationships between lower body muscle structure and isometric mid-thigh pull peak force. <i>Journal of Trainology</i> , 2015, 4, 43-48.	0.5	5
65	Association of Jumping Ability and Maximum Strength With Dive Distance in Swimmers. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 296-303.	2.3	5
66	Verbal instructions affect reactive strength index modified and time-series waveforms in basketball players. <i>Sports Biomechanics</i> , 2024, 23, 211-221.	1.6	5
67	Relationships between lower body muscle structure and maximal power clean performance. <i>Journal of Trainology</i> , 2015, 4, 32-36.	0.5	4
68	Variability of Plyometric and Ballistic Exercise Technique Maintains Jump Performance. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 1571-1582.	2.1	3
69	Reply to: "Comment on: The Effect of Nordic Hamstring Exercise Intervention Volume on Eccentric Strength and Muscle Architecture Adaptations: A Systematic Review and Meta-analyses". <i>Sports Medicine</i> , 2020, 50, 223-225.	6.5	3
70	The Role of Strength Training for Lower Extremity Tendinopathy. <i>Strength and Conditioning Journal</i> , 2018, 40, 85-95.	1.4	2
71	Effect of Onset Threshold on Kinetic and Kinematic Variables of a Weightlifting Derivative Containing a First and Second Pull. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 298-307.	2.1	2
72	Electromyographical Differences Between the Hyperextension and Reverse-Hyperextension. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 1477-1483.	2.1	2

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73	Kinematic and Neuromuscular Measures of Intensity During Drop Jumps in Female Volleyball Players. <i>Frontiers in Psychology</i> , 2021, 12, 724070.	2.1	2
74	Countermovement Jump Standards in Rugby League. <i>Journal of Strength and Conditioning Research</i> , 2020, Publish Ahead of Print, .	2.1	2
75	No differences in weightlifting overhead pressing exercises kinetics. <i>Sports Biomechanics</i> , 2021, , 1-13.	1.6	2
76	Identifying and reporting position-specific countermovement jump outcome and phase characteristics within rugby league. <i>PLoS ONE</i> , 2022, 17, e0265999.	2.5	2
77	Authorsâ€™ Reply to Morin and Colleagues. <i>Sports Medicine</i> , 2013, 43, 155-156.	6.5	1
78	Stretch-shortening cycle and muscle-tendon stiffness. , 2017, , 39-55.		1
79	How to Use Force Sensors for Resistance Training in Daily Practice. <i>Lecture Notes in Bioengineering</i> , 2022, , 195-210.	0.4	0
80	Fitness testing and data analysis. , 2017, , 190-202.		0