John James McMahon

List of Publications by Year
in descending order

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	Verbal instructions affect reactive strength index modified and time-series waveforms in basketball players. Sports Biomechanics, 2024, 23, 211-221.	1.6	5
2	Comparison of Countermovement Jumpâ€“Derived Reactive Strength Index Modified and Underpinning Force-Time Variables Between Super League and Championship Rugby League Players. Journal of Strength and Conditioning Research, 2022, 36, 226-231.	2.1	14
3	Contribution of Eccentric Strength to Cutting Performance in Female Soccer Players. Journal of Strength and Conditioning Research, 2022, 36, 525-533.	2.1	14
4	How to Use Force Sensors for Resistance Training in Daily Practice. Lecture Notes in Bioengineering, 2022, , 195-210.	0.4	0
5	Changes in Early and Maximal Isometric Force Production in Response to Moderate- and High-Load Strength and Power Training. Journal of Strength and Conditioning Research, 2022, 36, 593-599.	2.1	9
6	Identifying and reporting position-specific countermovement jump outcome and phase characteristics within rugby league. PLoS ONE, 2022, 17, e0265999.	2.5	2
7	Relationship Between Reactive Strength Index Variants in Rugby League Players. Journal of Strength and Conditioning Research, 2021, 35, 280-285.	2.1	22
8	Effect of Barbell Load on Vertical Jump Landing Force-Time Characteristics. Journal of Strength and Conditioning Research, 2021, 35, 25-32.	2.1	27
9	Developing Powerful Athletes Part 2: Practical Applications. Strength and Conditioning Journal, 2021, 43, 23-31.	1.4	21
10	The 10/5 Repeated Jumps Test: Are 10 Repetitions and Three Trials Necessary?. Biomechanics, 2021, 1, 1-14.	1.2	7
11	Unilateral vs. bilateral hamstring strength assessments: comparing reliability and inter-limb asymmetries in female soccer players. Journal of Sports Sciences, 2021, 39, 1481-1488.	2.0	20
12	Association of Jumping Ability and Maximum Strength With Dive Distance in Swimmers. International Journal of Sports Physiology and Performance, 2021, 16, 296-303.	2.3	5
13	Electromyographical Differences Between the Hyperextension and Reverse-Hyperextension. Journal of Strength and Conditioning Research, 2021, 35, 1477-1483.	2.1	2
14	Relationships among countermovement vertical jump performance metrics, strategy variables, and inter-limb asymmetry in females. Sports Biomechanics, 2021, , 1-19.	1.6	12
15	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
16	A Proposed Method for Evaluating Drop Jump Performance with One Force Platform. Biomechanics, 2021, 1, 178-189.	1.2	17
17	Kinematic and Neuromuscular Measures of Intensity During Drop Jumps in Female Volleyball Players. Frontiers in Psychology, 2021, 12, 724070.	2.1	2
18	No differences in weightlifting overhead pressing exercises kinetics. Sports Biomechanics, 2021, , 1-13.	1.6	2

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19	The Effect of Exercise Compliance on Risk Reduction for Hamstring Strain Injury: A Systematic Review and Meta-Analyses. International Journal of Environmental Research and Public Health, 2021, 18, 11260.	2.6	10
20	Comparison of the Force-, Velocity-, and Power-Time Curves Between the Concentric-Only and Eccentric-Concentric Bench Press Exercises. Journal of Strength and Conditioning Research, 2020, 34, 1618-1624.	2.1	15
21	Assessment of Loaded Squat Jump Height With a Free-Weight Barbell and Smith Machine: Comparison of the Takeoff Velocity and Flight Time Procedures. Journal of Strength and Conditioning Research, 2020, 34, 671-677.	2.1	18
22	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
23	Reply to: â€œComment on: The Effect of Nordic Hamstring Exercise Intervention Volume on Eccentric Strength and Muscle Architecture Adaptations: A Systematic Review and Meta-analysesâ€. Sports Medicine, 2020, 50, 223-225.	6.5	3
24	The Effect of Training with Weightlifting Catching or Pulling Derivatives on Squat Jump and Countermovement Jump Forceâ€“Time Adaptations. Journal of Functional Morphology and Kinesiology, 2020, 5, 28.	2.4	16
25	Developing Powerful Athletes, Part 1: Mechanical Underpinnings. Strength and Conditioning Journal, 2020, 42, 30-39.	1.4	36
26	A Comparison of Kinetic and Kinematic Variables During the Midthigh Pull and Countermovement Shrug, Across Loads. Journal of Strength and Conditioning Research, 2020, 34, 1830-1841.	2.1	12
27	A Comparison of Kinetic and Kinematic Variables During the Pull From the Knee and Hang Pull, Across Loads. Journal of Strength and Conditioning Research, 2020, 34, 1819-1829.	2.1	10
28	Effect of Onset Threshold on Kinetic and Kinematic Variables of a Weightlifting Derivative Containing a First and Second Pull. Journal of Strength and Conditioning Research, 2020, 34, 298-307.	2.1	2
29	Normalization of Early Isometric Force Production as a Percentage of Peak Force During Multijoint Isometric Assessment. International Journal of Sports Physiology and Performance, 2020, 15, 478-482.	2.3	9
30	Vertical Jump Testing in Rugby League: A Rationale for Calculating Take-Off Momentum. Journal of Applied Biomechanics, 2020, 36, 370-374.	0.8	14
31	Countermovement Jump Standards in Rugby League. Journal of Strength and Conditioning Research, 2020, Publish Ahead of Print, .	2.1	2
32	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
33	Dosage dependent requirements of Magoh for cortical interneuron generation and survival. Development (Cambridge), 2019, 147, .	2.5	14
34	The Benefits and Limitations of Predicting One Repetition Maximum Using the Load-Velocity Relationship. Strength and Conditioning Journal, 2019, 41, 28-40.	1.4	25
35	The Effect of Load Placement on the Power Production Characteristics of Three Lower Extremity Jumping Exercises. Journal of Human Kinetics, 2019, 68, 109-122.	1.5	12
36	The Role of Strength Training for Lower Extremity Tendinopathy. Strength and Conditioning Journal, 2018, 40, 85-95.	1.4	2

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37	Understanding the Key Phases of the Countermovement Jump Force-Time Curve. Strength and Conditioning Journal, 2018, 40, 96-106.	1.4	172
38	Variability of Plyometric and Ballistic Exercise Technique Maintains Jump Performance. Journal of Strength and Conditioning Research, 2018, 32, 1571-1582.	2.1	3
39	Influence of the Reactive Strength Index Modified on Forceâ€“ and Powerâ€“Time Curves. International Journal of Sports Physiology and Performance, 2018, 13, 220-227.	2.3	45
40	Between-Session Reliability of Isometric Midthigh Pull Kinetics and Maximal Power Clean Performance in Male Youth Soccer Players. Journal of Strength and Conditioning Research, 2018, 32, 3364-3372.	2.1	29
41	Comparison of Methods of Calculating Dynamic Strength Index. International Journal of Sports Physiology and Performance, 2018, 13, 320-325.	2.3	19
42	Returners Exhibit Greater Jumping Performance Improvements During a Peaking Phase Compared With New Players on a Volleyball Team. International Journal of Sports Physiology and Performance, 2018, 13, 709-716.	2.3	10
43	The effects of a four week jump-training program on frontal plane projection angle in female gymnasts. Physical Therapy in Sport, 2018, 30, 29-33.	1.9	11
44	The Validity of the Push Band 2.0 during Vertical Jump Performance. Sports, 2018, 6, 140.	1.7	22
45	Within-Subject Consistency of Unimodal and Bimodal Force Application during the Countermovement Jump. Sports, 2018, 6, 143.	1.7	12
46	Changes in Dynamic Strength Index in Response to Strength Training. Sports, 2018, 6, 176.	1.7	17
47	Optimizing Squat Techniqueâ€”Revisited. Strength and Conditioning Journal, 2018, 40, 68-74.	1.4	14
48	Concurrent Validity of a Portable Force Plate Using Vertical Jump Forceâ€“Time Characteristics. Journal of Applied Biomechanics, 2018, 34, 410-413.	0.8	59
49	Assessing the frequency and magnitude of match impacts accrued during an elite rugby union playing season. International Journal of Performance Analysis in Sport, 2018, 18, 507-522.	1.1	6
50	Reliability of and Relationship between Flight Time to Contraction Time Ratio and Reactive Strength Index Modified. Sports, 2018, 6, 81.	1.7	22
51	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. Journal of Strength and Conditioning Research, 2018, 32, 2116-2129.	2.1	23
52	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
53	Comment on: â€œAnthropometric and Physical Qualities of Elite Male Youth Rugby League Playersâ€. Sports Medicine, 2017, 47, 2667-2668.	6.5	13
54	The Effect of Hip Joint Angle on Isometric Midthigh Pull Kinetics. Journal of Strength and Conditioning Research, 2017, 31, 2748-2757.	2.1	33

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55	Changes in Strength, Power, and Speed Across a Season in English County Cricketers. International Journal of Sports Physiology and Performance, 2017, 12, 50-55.	2.3	16
56	Lack of Effect of Ankle Position During the Nordic Curl on Muscle Activity of the Biceps Femoris and Medial Gastrocnemius. Journal of Sport Rehabilitation, 2017, 26, 202-207.	1.0	10
57	Sex Differences in Countermovement Jump Phase Characteristics. Sports, 2017, 5, 8.	1.7	80
58	The Role of Eccentric Strength in 180Â° Turns in Female Soccer Players. Sports, 2017, 5, 42.	1.7	92
59	Influence of Dynamic Strength Index on Countermovement Jump Force-, Power-, Velocity-, and Displacement-Time Curves. Sports, 2017, 5, 72.	1.7	25
60	Relationships between Isometric Force-Time Characteristics and Dynamic Performance. Sports, 2017, 5, 68.	1.7	19
61	Stretch-shortening cycle and muscle-tendon stiffness. , 2017, , 39-55.		1
62	Fitness testing and data analysis. , 2017, , 190-202.		0
63	A Correction Equation for Jump Height Measured Using the Just Jump System. International Journal of Sports Physiology and Performance, 2016, 11, 555-557.	2.3	31
64	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
65	Effect of Sampling Frequency on Isometric Midthigh-Pull Kinetics. International Journal of Sports Physiology and Performance, 2016, 11, 255-260.	2.3	29
66	Within- and between-session reliability of medial gastrocnemius architectural properties. Biology of Sport, 2016, 33, 185-188.	3.2	11
67	Effect of Knee and Trunk Angle on Kinetic Variables During the Isometric Midthigh Pull: Testâ€“Retest Reliability. International Journal of Sports Physiology and Performance, 2015, 10, 58-63.	2.3	100
68	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
69	Relationships between lower body muscle structure and isometric mid-thigh pull peak force. Journal of Trainology, 2015, 4, 43-48.	0.5	5
70	Relationships between jump and sprint performance in first-class county cricketers. Journal of Trainology, 2015, 4, 1-5.	0.5	15
71	Relationships between lower body muscle structure and maximal power clean performance. Journal of Trainology, 2015, 4, 32-36.	0.5	4
72	Relationships between speed, change of direction and jump performance with cricket specific speed tests in male academy cricketers. Journal of Trainology, 2015, 4, 37-42.	0.5	8

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73	A comparison of maximal power clean performances performed from the floor, knee and mid-thigh. Journal of Trainology, 2014, 3, 53-56.	0.5	8
74	The effect of peer tutoring on academic achievement. Journal of Applied Research in Higher Education, 2014, 6, 168-175.	1.9	18
75	Authorsâ€™ Reply to Morin and Colleagues. Sports Medicine, 2013, 43, 155-156.	6.5	1
76	No Kinetic Differences During Variations of the Power Clean in Inexperienced Female Collegiate Athletes. Journal of Strength and Conditioning Research, 2013, 27, 363-368.	2.1	16
77	Lower Limb Stiffness. Strength and Conditioning Journal, 2012, 34, 70-73.	1.4	377
78	Lower Limb Stiffness. Strength and Conditioning Journal, 2012, 34, 94-101.	1.4	33
79	Determination of Optimal Loading During the Power Clean, in Collegiate Athletes. Journal of Strength and Conditioning Research, 2012, 26, 2970-2974.	2.1	41
80	Lower Limb Mechanical Properties. Sports Medicine, 2012, 42, 929-940.	6.5	36