

Matt Brughelli

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,082
citations

218381

26
h-index

174990

52
g-index

52
all docs

52
docs citations

52
times ranked

2694
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding Change of Direction Ability in Sport. Sports Medicine, 2008, 38, 1045-1063.	3.1	359
2	Sprint Acceleration Mechanics: The Major Role of Hamstrings in Horizontal Force Production. Frontiers in Physiology, 2015, 6, 404.	1.3	210
3	Improving Repeated Sprint Ability in Young Elite Soccer Players: Repeated Shuttle Sprints Vs. Explosive Strength Training. Journal of Strength and Conditioning Research, 2010, 24, 2715-2722.	1.0	200
4	Hamstring strain injuries: are we heading in the right direction?. British Journal of Sports Medicine, 2012, 46, 81-85.	3.1	175
5	Effectiveness of an Individualized Training Based on Force-Velocity Profiling during Jumping. Frontiers in Physiology, 2016, 7, 677.	1.3	167
6	Effects of Running Velocity on Running Kinetics and Kinematics. Journal of Strength and Conditioning Research, 2011, 25, 933-939.	1.0	121
7	Instrumented Mouthguard Acceleration Analyses for Head Impacts in Amateur Rugby Union Players Over a Season of Matches. American Journal of Sports Medicine, 2015, 43, 614-624.	1.9	109
8	Concussions in amateur rugby union identified with the use of a rapid visual screening tool. Journal of the Neurological Sciences, 2013, 326, 59-63.	0.3	102
9	Altering the Length-Tension Relationship with Eccentric Exercise. Sports Medicine, 2007, 37, 807-826.	3.1	101
10	Effect of Warm-Ups Involving Static or Dynamic Stretching on Agility, Sprinting, and Jumping Performance in Trained Individuals. Journal of Strength and Conditioning Research, 2010, 24, 2001-2011.	1.0	101
11	A return-to-sport algorithm for acute hamstring injuries. Physical Therapy in Sport, 2011, 12, 2-14.	0.8	98
12	Acceleration capability in elite sprinters and ground impulse: Push more, brake less?. Journal of Biomechanics, 2015, 48, 3149-3154.	0.9	98
13	Assessment, Management and Knowledge of Sport-Related Concussion: Systematic Review. Sports Medicine, 2014, 44, 449-471.	3.1	96
14	Influence of Running Velocity on Vertical, Leg and Joint Stiffness. Sports Medicine, 2008, 38, 647-657.	3.1	94
15	Knee Mechanics During Planned and Unplanned Sidestepping: A Systematic Review and Meta-Analysis. Sports Medicine, 2014, 44, 1573-1588.	3.1	90
16	Optimal Loading for Maximizing Power During Sled-Resisted Sprinting. International Journal of Sports Physiology and Performance, 2017, 12, 1069-1077.	1.1	83
17	Relationship between vertical and horizontal force-velocity-power profiles in various sports and levels of practice. PeerJ, 2018, 6, e5937.	0.9	81
18	Effects of eccentric exercise on optimum length of the knee flexors and extensors during the preseason in professional soccer players. Physical Therapy in Sport, 2010, 11, 50-55.	0.8	80

#	ARTICLE	IF	CITATIONS
19	Mechanical Properties of Sprinting in Elite Rugby Union and Rugby League. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 695-702.	1.1	69
20	Methods of Power-Force-Velocity Profiling During Sprint Running: A Narrative Review. <i>Sports Medicine</i> , 2017, 47, 1255-1269.	3.1	62
21	When Jump Height is not a Good Indicator of Lower Limb Maximal Power Output: Theoretical Demonstration, Experimental Evidence and Practical Solutions. <i>Sports Medicine</i> , 2019, 49, 999-1006.	3.1	54
22	Contralateral Leg Deficits in Kinetic and Kinematic Variables During Running in Australian Rules Football Players With Previous Hamstring Injuries. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 2539-2544.	1.0	53
23	Application of eccentric exercise on an Australian Rules football player with recurrent hamstring injuries. <i>Physical Therapy in Sport</i> , 2009, 10, 75-80.	0.8	36
24	The Effects of Tapering on Power-Force-Velocity Profiling and Jump Performance in Professional Rugby League Players. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 3567-3570.	1.0	36
25	Muscle Architecture and Optimum Angle of the Knee Flexors and Extensors: A Comparison Between Cyclists and Australian Rules Football Players. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 717-721.	1.0	33
26	Sprint Acceleration Mechanics in Fatigue Conditions: Compensatory Role of Gluteal Muscles in Horizontal Force Production and Potential Protection of Hamstring Muscles. <i>Frontiers in Physiology</i> , 2018, 9, 1706.	1.3	31
27	Does Increasing Maximal Strength Improve Sprint Running Performance?. <i>Strength and Conditioning Journal</i> , 2007, 29, 86-95.	0.7	30
28	Lower-Extremity Isokinetic Strength Profiling in Professional Rugby League and Rugby Union. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 358-361.	1.1	28
29	Effects of Neuromuscular Training on Agility Performance in Elite Soccer Players. <i>Frontiers in Physiology</i> , 2019, 10, 947.	1.3	28
30	Changes in mechanical properties of sprinting during repeated sprint in elite rugby sevens athletes. <i>European Journal of Sport Science</i> , 2019, 19, 585-594.	1.4	26
31	Eccentric Muscle Actions and How the Strength and Conditioning Specialist Might Use Them for a Variety of Purposes. <i>Strength and Conditioning Journal</i> , 2012, 34, 33-48.	0.7	24
32	Sport-related concussions in New Zealand: A review of 10years of Accident Compensation Corporation moderate to severe claims and costs. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 250-255.	0.6	22
33	Is effective mass in combat sports punching above its weight?. <i>Human Movement Science</i> , 2015, 40, 89-97.	0.6	21
34	Assessing Head/Neck Dynamic Response to Head Perturbation: A Systematic Review. <i>Sports Medicine</i> , 2018, 48, 2641-2658.	3.1	18
35	Laterality Influences Agility Performance in Elite Soccer Players. <i>Frontiers in Physiology</i> , 2018, 9, 807.	1.3	18
36	Defining the Phases of Boxing Punches: A Mixed-Method Approach. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 1040-1051.	1.0	18

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37	Taekwondo Anaerobic Intermittent Kick Test: Discriminant Validity and an Update with the Gold-Standard Wingate Test. <i>Journal of Human Kinetics</i> , 2020, 71, 229-242.	0.7	17
38	Profiling Isokinetic Strength by Leg Preference and Position in Rugby Union Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 500-507.	1.1	15
39	Low Horizontal Force Production Capacity during Sprinting as a Potential Risk Factor of Hamstring Injury in Football. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7827.	1.2	15
40	Determining return-to-sport status with a multi-component assessment strategy: A case study in rugby. <i>Physical Therapy in Sport</i> , 2014, 15, 211-215.	0.8	9
41	The effect of the NetballSmart Dynamic Warm-up on physical performance in youth netball players. <i>Physical Therapy in Sport</i> , 2019, 37, 91-98.	0.8	9
42	Assessing Horizontal Force Production in Resisted Sprinting: Computation and Practical Interpretation. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 689-693.	1.1	8
43	Ten-year nationwide review of netball ankle and knee injuries in New Zealand. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 937-942.	0.6	8
44	Profiling Single-Leg Balance by Leg Preference and Position in Rugby Union Athletes. <i>Motor Control</i> , 2018, 22, 183-198.	0.3	7
45	Performance Profiling of Female Youth Netball Players. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 3275-3283.	1.0	5
46	A systematic video analysis of 21 anterior cruciate ligament injuries in elite netball players during games. <i>Sports Biomechanics</i> , 2022, , 1-18.	0.8	5
47	INFLUENCE OF FATIGUE ON HAMSTRING MUSCLE FUNCTION DURING REPEATED SPRINTS. <i>British Journal of Sports Medicine</i> , 2017, 51, 314.2-314.	3.1	3
48	An individualised approach to assess the sidestep manoeuvre in male rugby union athletes. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 1086-1092.	0.6	3
49	Short and long versions of a 12-week netball specific neuromuscular warm-up improves landing technique in youth netballers. <i>Physical Therapy in Sport</i> , 2021, 49, 31-36.	0.8	3
50	Lower Limb Mechanical Properties: Significant References Omitted. <i>Sports Medicine</i> , 2013, 43, 151-153.	3.1	1
51	Letter to the Editor regarding "Sprint mechanics return to competition follow-up after hamstring injury on a professional soccer player: A case study with an inertial sensor unit based methodological approach" by I. Setuain, P. Lecumberri, and M. Izquierdo. <i>Journal of Biomechanics</i> , 2018, 66, 198-199.	0.9	1
52	Improved performance in youth netballers using two different length netball specific warm-ups. <i>International Journal of Sports Science and Coaching</i> , 2023, 18, 231-239.	0.7	1