

# 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	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
2	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
3	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
4	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
5	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
6	Performance Profiling of Female Youth Netball Players. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 3275-3283.	1.0	5
7	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
8	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
9	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
10	Effects of Neuromuscular Training on Agility Performance in Elite Soccer Players. <i>Frontiers in Physiology</i> , 2019, 10, 947.	1.3	28
11	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
12	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
13	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
14	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
15	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
16	Profiling Single-Leg Balance by Leg Preference and Position in Rugby Union Athletes. <i>Motor Control</i> , 2018, 22, 183-198.	0.3	7
17	Relationship between vertical and horizontal force-velocity-power profiles in various sports and levels of practice. <i>PeerJ</i> , 2018, 6, e5937.	0.9	81
18	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

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19	Assessing Head/Neck Dynamic Response to Head Perturbation: A Systematic Review. <i>Sports Medicine</i> , 2018, 48, 2641-2658.	3.1	18
20	Laterality Influences Agility Performance in Elite Soccer Players. <i>Frontiers in Physiology</i> , 2018, 9, 807.	1.3	18
21	Optimal Loading for Maximizing Power During Sled-Resisted Sprinting. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 1069-1077.	1.1	83
22	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
23	Methods of Power-Force-Velocity Profiling During Sprint Running: A Narrative Review. <i>Sports Medicine</i> , 2017, 47, 1255-1269.	3.1	62
24	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
25	Effectiveness of an Individualized Training Based on Force-Velocity Profiling during Jumping. <i>Frontiers in Physiology</i> , 2016, 7, 677.	1.3	167
26	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
27	Sprint Acceleration Mechanics: The Major Role of Hamstrings in Horizontal Force Production. <i>Frontiers in Physiology</i> , 2015, 6, 404.	1.3	210
28	Is effective mass in combat sports punching above its weight?. <i>Human Movement Science</i> , 2015, 40, 89-97.	0.6	21
29	Instrumented Mouthguard Acceleration Analyses for Head Impacts in Amateur Rugby Union Players Over a Season of Matches. <i>American Journal of Sports Medicine</i> , 2015, 43, 614-624.	1.9	109
30	Acceleration capability in elite sprinters and ground impulse: Push more, brake less?. <i>Journal of Biomechanics</i> , 2015, 48, 3149-3154.	0.9	98
31	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
32	Assessment, Management and Knowledge of Sport-Related Concussion: Systematic Review. <i>Sports Medicine</i> , 2014, 44, 449-471.	3.1	96
33	Knee Mechanics During Planned and Unplanned Sidestepping: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2014, 44, 1573-1588.	3.1	90
34	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
35	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
36	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

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37	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
38	Lower Limb Mechanical Properties: Significant References Omitted. Sports Medicine, 2013, 43, 151-153.	3.1	1
39	Eccentric Muscle Actions and How the Strength and Conditioning Specialist Might Use Them for a Variety of Purposes. Strength and Conditioning Journal, 2012, 34, 33-48.	0.7	24
40	Hamstring strain injuries: are we heading in the right direction?. British Journal of Sports Medicine, 2012, 46, 81-85.	3.1	175
41	Effects of Running Velocity on Running Kinetics and Kinematics. Journal of Strength and Conditioning Research, 2011, 25, 933-939.	1.0	121
42	A return-to-sport algorithm for acute hamstring injuries. Physical Therapy in Sport, 2011, 12, 2-14.	0.8	98
43	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
44	Muscle Architecture and Optimum Angle of the Knee Flexors and Extensors: A Comparison Between Cyclists and Australian Rules Football Players. Journal of Strength and Conditioning Research, 2010, 24, 717-721.	1.0	33
45	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
46	Contralateral Leg Deficits in Kinetic and Kinematic Variables During Running in Australian Rules Football Players With Previous Hamstring Injuries. Journal of Strength and Conditioning Research, 2010, 24, 2539-2544.	1.0	53
47	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
48	Application of eccentric exercise on an Australian Rules football player with recurrent hamstring injuries. Physical Therapy in Sport, 2009, 10, 75-80.	0.8	36
49	Understanding Change of Direction Ability in Sport. Sports Medicine, 2008, 38, 1045-1063.	3.1	359
50	Influence of Running Velocity on Vertical, Leg and Joint Stiffness. Sports Medicine, 2008, 38, 647-657.	3.1	94
51	Does Increasing Maximal Strength Improve Sprint Running Performance?. Strength and Conditioning Journal, 2007, 29, 86-95.	0.7	30
52	Altering the Length-Tension Relationship with Eccentric Exercise. Sports Medicine, 2007, 37, 807-826.	3.1	101