

Grant Duthie

List of Publications by Year in descending order

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63
papers

2,604
citations

186265

28
h-index

197818

49
g-index

63
all docs

63
docs citations

63
times ranked

1842
citing authors

#	ARTICLE	IF	CITATIONS
1	Applied Physiology and Game Analysis of Rugby Union. <i>Sports Medicine</i> , 2003, 33, 973-991.	6.5	410
2	Time motion analysis of 2001 and 2002 super 12 rugby. <i>Journal of Sports Sciences</i> , 2005, 23, 523-530.	2.0	177
3	Training Monitoring for Resistance Exercise: Theory and Applications. <i>Sports Medicine</i> , 2016, 46, 687-698.	6.5	157
4	Sprint Patterns in Rugby Union Players During Competition. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 208.	2.1	101
5	A Framework for the Physical Development of Elite Rugby Union Players. <i>International Journal of Sports Physiology and Performance</i> , 2006, 1, 2-13.	2.3	88
6	Acceleration-Based Running Intensities of Professional Rugby League Match Play. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 802-809.	2.3	84
7	Anthropometry profiles of elite rugby players: quantifying changes in lean mass. <i>British Journal of Sports Medicine</i> , 2006, 40, 202-207.	6.7	83
8	Importance, Reliability, and Usefulness of Acceleration Measures in Team Sports. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 3485-3493.	2.1	82
9	Concurrent validation of an inertial measurement system to quantify kicking biomechanics in four football codes. <i>Journal of Biomechanics</i> , 2018, 73, 24-32.	2.1	76
10	Contributing Factors to Change-of-Direction Ability in Professional Rugby League Players. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 2688-2696.	2.1	75
11	The Reliability of Ten-Meter Sprint Time Using Different Starting Techniques. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 246.	2.1	66
12	Interunit Reliability and Effect of Data-Processing Methods of Global Positioning Systems. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 432-438.	2.3	64
13	Establishing Duration-Specific Running Intensities From Match-Play Analysis in Rugby League. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 725-731.	2.3	63
14	Validity of an ultra-wideband local positioning system to measure locomotion in indoor sports. <i>Journal of Sports Sciences</i> , 2018, 36, 1727-1733.	2.0	61
15	Modelling the decrement in running intensity within professional soccer players. <i>Science and Medicine in Football</i> , 2018, 2, 86-92.	2.0	60
16	The Acute Effects of Heavy Loads on Jump Squat Performance: An Evaluation of the Complex and Contrast Methods of Power Development. <i>Journal of Strength and Conditioning Research</i> , 2002, 16, 530.	2.1	59
17	Duration-specific running intensities of Australian Football match-play. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 689-694.	1.3	58
18	Developing Athlete Monitoring Systems in Team Sports: Data Analysis and Visualization. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 698-705.	2.3	52

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19	Effects of a 2-Week High-Intensity Training Camp on Sleep Activity of Professional Rugby League Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 928-933.	2.3	51
20	Peak Running Intensity of International Rugby: Implications for Training Prescription. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 1039-1045.	2.3	50
21	Anthropometric and Strength Correlates of Fast Bowling Speed in Junior and Senior Cricketers. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 620.	2.1	42
22	Validation of a skinfold based index for tracking proportional changes in lean mass. <i>British Journal of Sports Medicine</i> , 2006, 40, 208-213.	6.7	39
23	The Validity and Reliability of Wearable Microtechnology for Intermittent Team Sports: A Systematic Review. <i>Sports Medicine</i> , 2021, 51, 549-565.	6.5	38
24	Importance of Various Training-Load Measures in Injury Incidence of Professional Rugby League Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 819-824.	2.3	36
25	Peak movement and collision demands of professional rugby league competition. <i>Journal of Sports Sciences</i> , 2019, 37, 2144-2151.	2.0	35
26	Reliability and Usefulness of the 30-15 Intermittent Fitness Test in Rugby League. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 1985-1990.	2.1	34
27	Predicting Self-Reported Illness for Professional Team-Sport Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 543-550.	2.3	34
28	Effects of Preseason Training on the Sleep Characteristics of Professional Rugby League Players. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 176-182.	2.3	32
29	Quantifying the relationship between internal and external work in team sports: development of a novel training efficiency index. <i>Science and Medicine in Football</i> , 2018, 2, 149-156.	2.0	26
30	The Fit Matters: Influence of Accelerometer Fitting and Training Drill Demands on Load Measures in Rugby League Players. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 1083-1089.	2.3	25
31	The Acute Effects of Heavy Loads on Jump Squat Performance. <i>Journal of Strength and Conditioning Research</i> , 2002, 16, 530-538.	2.1	23
32	Peak Movement and Technical Demands of Professional Australian Football Competition. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 2818-2823.	2.1	23
33	The inter-device reliability of global navigation satellite systems during team sport movement across multiple days. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 340-344.	1.3	21
34	Validity of Skinfold-Based Measures for Tracking Changes in Body Composition in Professional Rugby League Players. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 261-266.	2.3	20
35	The Validity and Contributing Physiological Factors to 30-15 Intermittent Fitness Test Performance in Rugby League. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 2409-2416.	2.1	19
36	Quantifying Mean Peak Running Intensities in Elite Field Hockey. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 2604-2610.	2.1	19

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37	Differences Between Relative and Absolute Speed and Metabolic Thresholds in Rugby League. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 298-304.	2.3	18
38	Running Intensities in Elite Youth Soccer by Age and Position. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2918-2924.	2.1	18
39	The Quantification of Acceleration Events in Elite Team Sport: a Systematic Review. <i>Sports Medicine - Open</i> , 2021, 7, 45.	3.1	18
40	Factors That Influence Running Intensity in Interchange Players in Professional Rugby League. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 1047-1052.	2.3	17
41	The Validity of a Global Navigation Satellite System for Quantifying Small-Area Team-Sport Movements. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 1463-1466.	2.1	17
42	The Distribution of Match Activities Relative to the Maximal Mean Intensities in Professional Rugby League and Australian Football. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 1360-1366.	2.1	16
43	There Is Little Difference in the Peak Movement Demands of Professional and Semi-Professional Rugby League Competition. <i>Frontiers in Physiology</i> , 2019, 10, 1285.	2.8	11
44	Relationship Between Physical Performance Testing Results and Peak Running Intensity During Professional Rugby League Match Play. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 3506-3513.	2.1	11
45	Using Small-Sided Games in Field Hockey: Can They Be Used to Reach Match Intensity?. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 498-502.	2.1	10
46	The peak player load, of state-level netball matches. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 189-193.	1.3	9
47	Running momentum: a new method to quantify prolonged high-intensity intermittent running performance in collision sports. <i>Science and Medicine in Football</i> , 2017, 1, 244-250.	2.0	8
48	Comparison of a computer vision system against three-dimensional motion capture for tracking football movements in a stadium environment. <i>Sports Engineering</i> , 2022, 25, 1.	1.1	8
49	The Occurrence of Repeated High Acceleration Ability (RHAA) in Elite Youth Football. <i>International Journal of Sports Medicine</i> , 2018, 39, 502-507.	1.7	7
50	Validity of Real-Time Ultra-wideband Global Navigation Satellite System Data Generated by a Wearable Microtechnology Unit. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2071-2075.	2.1	7
51	SPRINT PATTERNS IN RUGBY UNION PLAYERS DURING COMPETITION. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 208-214.	2.1	5
52	Comparison of Physical Profiles of State-Level Netball Players by Position. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2654-2662.	2.1	5
53	Physical demands of female collegiate lacrosse competition: whole-match and peak periods analysis. <i>Sport Sciences for Health</i> , 2021, 17, 103-109.	1.3	5
54	Uphill sprinting load and force-velocity profiling: Assessment and potential applications. <i>Journal of Sports Sciences</i> , 2022, 40, 281-287.	2.0	5

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55	Biomechanics of accurate and inaccurate goal-kicking in Australian football: Group-based analysis. PLoS ONE, 2020, 15, e0241969.	2.5	5
56	A GNSS-based method to define athlete manoeuvrability in field-based team sports. PLoS ONE, 2021, 16, e0260363.	2.5	5
57	Gradual vs. Maximal Acceleration: Their Influence on the Prescription of Maximal Speed Sprinting in Team Sport Athletes. Sports, 2018, 6, 66.	1.7	4
58	High Body Mass Index is not a barrier to physical activity: Analysis of international rugby players' anthropometric data. European Journal of Sport Science, 2005, 5, 77-77.	2.7	3
59	THE RELIABILITY OF TEN-METER SPRINT TIME USING DIFFERENT STARTING TECHNIQUES. Journal of Strength and Conditioning Research, 2006, 20, 251.	2.1	3
60	The introduction of the six-again rule has increased acceleration intensity across all positions in the National Rugby League competition. Science and Medicine in Football, 2023, 7, 47-56.	2.0	2
61	Applying common filtering processes to Global Navigation Satellite System-derived acceleration during team sport locomotion. Journal of Sports Sciences, 2022, 40, 1116-1126.	2.0	2
62	Monitoring Changes in Lean Mass of Elite Rugby Football Union Players. Medicine and Science in Sports and Exercise, 2004, 36, S207-S208.	0.4	1
63	The influence of tactical and match context on player movement in football. Journal of Sports Sciences, 2022, , 1-15.	2.0	1