

Grant Duthie

List of Publications by Year in descending order

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Version: 2024-02-01

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 | The introduction of the six-again rule has increased acceleration intensity across all positions in the National Rugby League competition. <i>Science and Medicine in Football</i> , 2023, 7, 47-56. | 2.0 | 2 |
| 2 | 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 |
| 3 | 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 |
| 4 | Uphill sprinting load and force-velocity profiling: Assessment and potential applications. <i>Journal of Sports Sciences</i> , 2022, 40, 281-287. | 2.0 | 5 |
| 5 | 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 |
| 6 | 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 |
| 7 | Applying common filtering processes to Global Navigation Satellite System-derived acceleration during team sport locomotion. <i>Journal of Sports Sciences</i> , 2022, 40, 1116-1126. | 2.0 | 2 |
| 8 | The influence of tactical and match context on player movement in football. <i>Journal of Sports Sciences</i> , 2022, , 1-15. | 2.0 | 1 |
| 9 | 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 |
| 10 | 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 |
| 11 | The Quantification of Acceleration Events in Elite Team Sport: a Systematic Review. <i>Sports Medicine - Open</i> , 2021, 7, 45. | 3.1 | 18 |
| 12 | Quantifying Mean Peak Running Intensities in Elite Field Hockey. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 2604-2610. | 2.1 | 19 |
| 13 | 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 |
| 14 | A GNSS-based method to define athlete manoeuvrability in field-based team sports. <i>PLoS ONE</i> , 2021, 16, e0260363. | 2.5 | 5 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | Biomechanics of accurate and inaccurate goal-kicking in Australian football: Group-based analysis. PLoS ONE, 2020, 15, e0241969. | 2.5 | 5 |
| 20 | There Is Little Difference in the Peak Movement Demands of Professional and Semi-Professional Rugby League Competition. Frontiers in Physiology, 2019, 10, 1285. | 2.8 | 11 |
| 21 | Developing Athlete Monitoring Systems in Team Sports: Data Analysis and Visualization. International Journal of Sports Physiology and Performance, 2019, 14, 698-705. | 2.3 | 52 |
| 22 | Peak movement and collision demands of professional rugby league competition. Journal of Sports Sciences, 2019, 37, 2144-2151. | 2.0 | 35 |
| 23 | The Validity of a Global Navigation Satellite System for Quantifying Small-Area Team-Sport Movements. Journal of Strength and Conditioning Research, 2019, 33, 1463-1466. | 2.1 | 17 |
| 24 | Interunit Reliability and Effect of Data-Processing Methods of Global Positioning Systems. International Journal of Sports Physiology and Performance, 2019, 14, 432-438. | 2.3 | 64 |
| 25 | The Fit Matters: Influence of Accelerometer Fitting and Training Drill Demands on Load Measures in Rugby League Players. International Journal of Sports Physiology and Performance, 2018, 13, 1083-1089. | 2.3 | 25 |
| 26 | Quantifying the relationship between internal and external work in team sports: development of a novel training efficiency index. Science and Medicine in Football, 2018, 2, 149-156. | 2.0 | 26 |
| 27 | Concurrent validation of an inertial measurement system to quantify kicking biomechanics in four football codes. Journal of Biomechanics, 2018, 73, 24-32. | 2.1 | 76 |
| 28 | Importance, Reliability, and Usefulness of Acceleration Measures in Team Sports. Journal of Strength and Conditioning Research, 2018, 32, 3485-3493. | 2.1 | 82 |
| 29 | Effects of Preseason Training on the Sleep Characteristics of Professional Rugby League Players. International Journal of Sports Physiology and Performance, 2018, 13, 176-182. | 2.3 | 32 |
| 30 | Differences Between Relative and Absolute Speed and Metabolic Thresholds in Rugby League. International Journal of Sports Physiology and Performance, 2018, 13, 298-304. | 2.3 | 18 |
| 31 | Modelling the decrement in running intensity within professional soccer players. Science and Medicine in Football, 2018, 2, 86-92. | 2.0 | 60 |
| 32 | Validity of an ultra-wideband local positioning system to measure locomotion in indoor sports. Journal of Sports Sciences, 2018, 36, 1727-1733. | 2.0 | 61 |
| 33 | Running Intensities in Elite Youth Soccer by Age and Position. Journal of Strength and Conditioning Research, 2018, 32, 2918-2924. | 2.1 | 18 |
| 34 | Gradual vs. Maximal Acceleration: Their Influence on the Prescription of Maximal Speed Sprinting in Team Sport Athletes. Sports, 2018, 6, 66. | 1.7 | 4 |
| 35 | The Occurrence of Repeated High Acceleration Ability (RHAA) in Elite Youth Football. International Journal of Sports Medicine, 2018, 39, 502-507. | 1.7 | 7 |
| 36 | Duration-specific running intensities of Australian Football match-play. Journal of Science and Medicine in Sport, 2017, 20, 689-694. | 1.3 | 58 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | Training Monitoring for Resistance Exercise: Theory and Applications. <i>Sports Medicine</i> , 2016, 46, 687-698. | 6.5 | 157 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | THE RELIABILITY OF TEN-METER SPRINT TIME USING DIFFERENT STARTING TECHNIQUES. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 251. | 2.1 | 3 |
| 52 | SPRINT PATTERNS IN RUGBY UNION PLAYERS DURING COMPETITION. <i>Journal of Strength and Conditioning Research</i> , 2006, 20, 208-214. | 2.1 | 5 |
| 53 | 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 |
| 54 | 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 |

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|----|---|-----|-----------|
| 55 | Anthropometry profiles of elite rugby players: quantifying changes in lean mass. British Journal of Sports Medicine, 2006, 40, 202-207. | 6.7 | 83 |
| 56 | Sprint Patterns in Rugby Union Players During Competition. Journal of Strength and Conditioning Research, 2006, 20, 208. | 2.1 | 101 |
| 57 | Anthropometric and Strength Correlates of Fast Bowling Speed in Junior and Senior Cricketers. Journal of Strength and Conditioning Research, 2006, 20, 620. | 2.1 | 42 |
| 58 | High Body Mass Index is not a barrier to physical activity: Analysis of international rugby players's anthropometric data. European Journal of Sport Science, 2005, 5, 77-77. | 2.7 | 3 |
| 59 | Time motion analysis of 2001 and 2002 super 12 rugby. Journal of Sports Sciences, 2005, 23, 523-530. | 2.0 | 177 |
| 60 | 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 |
| 61 | Applied Physiology and Game Analysis of Rugby Union. Sports Medicine, 2003, 33, 973-991. | 6.5 | 410 |
| 62 | The Acute Effects of Heavy Loads on Jump Squat Performance. Journal of Strength and Conditioning Research, 2002, 16, 530-538. | 2.1 | 23 |
| 63 | The Acute Effects of Heavy Loads on Jump Squat Performance: An Evaluation of the Complex and Contrast Methods of Power Development. Journal of Strength and Conditioning Research, 2002, 16, 530. | 2.1 | 59 |