

Liam P Kilduff

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

3,625
citations

117625

34
h-index

155660

55
g-index

100
all docs

100
docs citations

100
times ranked

2779
citing authors

#	ARTICLE	IF	CITATIONS
1	Concussion-Associated Gene Variant COMT rs4680 Is Associated With Elite Rugby Athlete Status. <i>Clinical Journal of Sport Medicine</i> , 2023, 33, e145-e151.	1.8	4
2	Gene variants previously associated with reduced soft tissue injury risk: Part 1 – independent associations with elite status in rugby. <i>European Journal of Sport Science</i> , 2023, 23, 726-735.	2.7	2
3	The MMAAS Project: An Observational Human Study Investigating the Effect of Anabolic Androgenic Steroid Use on Gene Expression and the Molecular Mechanism of Muscle Memory. <i>Clinical Journal of Sport Medicine</i> , 2023, 33, e115-e122.	1.8	2
4	Quantifying the Peak Physical Match-Play Demands of Professional Soccer Substitutes Following Pitch-Entry: Assessing Contextual Influences. <i>Research Quarterly for Exercise and Sport</i> , 2022, 93, 270-281.	1.4	8
5	Acute effects of wearable thigh and shank loading on spatiotemporal and kinematic variables during maximum velocity sprinting. <i>Sports Biomechanics</i> , 2022, 21, 1234-1248.	1.6	6
6	A new energetics model for the assessment of the power–duration relationship during overground running. <i>European Journal of Sport Science</i> , 2022, 22, 1211-1221.	2.7	0
7	Morning resistance exercise and cricket-specific repeated sprinting each improve indices of afternoon physical and cognitive performance in professional male cricketers. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 162-166.	1.3	5
8	The neuromuscular, physiological, endocrine and perceptual responses to different training session orders in international female netball players. <i>European Journal of Sport Science</i> , 2022, 22, 314-325.	2.7	1
9	Printed Nanocarbon Heaters for Stretchable Sport and Leisure Garments. <i>Materials</i> , 2022, 15, 573.	2.9	4
10	Acute physiological and perceptual responses to a netball specific training session in professional female netball players. <i>PLoS ONE</i> , 2022, 17, e0263772.	2.5	1
11	Concussion-Associated Polygenic Profiles of Elite Male Rugby Athletes. <i>Genes</i> , 2022, 13, 820.	2.4	4
12	Effect of Ischemic Preconditioning on Maximal Swimming Performance. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 221-226.	2.1	14
13	No thermoregulatory or ergogenic effect of dietary nitrate among physically inactive males, exercising above gas exchange threshold in hot and dry conditions. <i>European Journal of Sport Science</i> , 2021, 21, 370-378.	2.7	4
14	Predicting performance at the group phase and knockout phase of the 2015 Rugby World Cup. <i>European Journal of Sport Science</i> , 2021, 21, 312-320.	2.7	6
15	Body temperature and physical performance responses are not maintained at the time of pitch-entry when typical substitute-specific match-day practices are adopted before simulated soccer match-play. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 511-516.	1.3	8
16	The effect of plasma functionalization on the print performance and time stability of graphite nanoplatelet electrically conducting inks. <i>Journal of Coatings Technology Research</i> , 2021, 18, 193-203.	2.5	7
17	Position-specific countermovement jump characteristics of elite Women’s Rugby World Cup 2017 athletes. <i>Movement and Sports Sciences - Science Et Motricite</i> , 2021, , .	0.3	0
18	Effects of Heat Acclimation and Acclimatisation on Maximal Aerobic Capacity Compared to Exercise Alone in Both Thermoneutral and Hot Environments: A Meta-Analysis and Meta-Regression. <i>Sports Medicine</i> , 2021, 51, 1509-1525.	6.5	16

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19	Stretchable Carbon and Silver Inks for Wearable Applications. <i>Nanomaterials</i> , 2021, 11, 1200.	4.1	17
20	The Effect of Dietary Supplements on Endurance Exercise Performance and Core Temperature in Hot Environments: A Meta-analysis and Meta-regression. <i>Sports Medicine</i> , 2021, 51, 2351-2371.	6.5	4
21	Genetic Factors That Could Affect Concussion Risk in Elite Rugby. <i>Sports</i> , 2021, 9, 19.	1.7	7
22	Response to Comment on: "Effects of Heat Acclimation and Acclimatisation on Maximal Aerobic Capacity Compared to Exercise Alone in Both Thermoneutral and Hot Environments: A Meta-Analysis and Meta-Regression" <i>Sports Medicine</i> , 2021, , 1.	6.5	2
23	The between-week reliability of neuromuscular, endocrine, and mood markers in soccer players and the repeatability of the movement demands during small-sided games. <i>Journal of Sports Medicine and Physical Fitness</i> , 2021, , .	0.7	1
24	Physiological and Performance Effects of Caffeine Gum Consumed During a Simulated Half-Time by Professional Academy Rugby Union Players. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 145-151.	2.1	20
25	Anthropometric and Physiological Characteristics of Elite Male Rugby Athletes. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 1790-1801.	2.1	35
26	A comparison of match demands using ball-in-play vs. whole match data in elite male youth soccer players. <i>Science and Medicine in Football</i> , 2020, 4, 142-147.	2.0	25
27	Performance indicators during international rugby union matches are influenced by a combination of physiological and contextual variables. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 396-402.	1.3	5
28	A comparison of rolling averages versus discrete time epochs for assessing the worst-case scenario locomotor demands of professional soccer match-play. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 764-769.	1.3	39
29	Assessing the whole-match and worst-case scenario locomotor demands of international women's rugby union match-play. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 609-614.	1.3	14
30	Profiling the Post-match Top-up Conditioning Practices of Professional Soccer Substitutes: An Analysis of Contextual Influences. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2805-2814.	2.1	11
31	A longitudinal investigation of bidirectional and time-dependent interrelationships between testosterone and training motivation in an elite rugby environment. <i>Hormones and Behavior</i> , 2020, 126, 104866.	2.1	8
32	The physical demands of professional soccer goalkeepers throughout a week-long competitive microcycle and transiently throughout match-play. <i>Journal of Sports Sciences</i> , 2020, 38, 848-854.	2.0	13
33	A match-day analysis of the movement profiles of substitutes from a professional soccer club before and after pitch-entry. <i>PLoS ONE</i> , 2019, 14, e0211563.	2.5	25
34	Neuromuscular, physiological and perceptual responses to an elite netball tournament. <i>Journal of Sports Sciences</i> , 2019, 37, 2169-2174.	2.0	14
35	Monitoring the Athlete Match Response: Can External Load Variables Predict Post-match Acute and Residual Fatigue in Soccer? A Systematic Review with Meta-analysis. <i>Sports Medicine - Open</i> , 2019, 5, 48.	3.1	81
36	Descriptive conversion of performance indicators in rugby union. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 330-334.	1.3	29

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37	Predictors of Linear and Multidirectional Acceleration in Elite Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 514-522.	2.1	17
38	The ball in play demands of international rugby union. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 1090-1094.	1.3	43
39	Neuromuscular, Biochemical, Endocrine, and Mood Responses to Small-Sided Games' Training in Professional Soccer. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2569-2576.	2.1	26
40	Can salivary testosterone and cortisol reactivity to a mid-week stress test discriminate a match outcome during international rugby union competition?. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 312-316.	1.3	12
41	A comparison of different heat maintenance methods implemented during a simulated half-time period in professional Rugby Union players. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 327-332.	1.3	17
42	The effect of oral contraceptive use on salivary testosterone concentrations and athlete performance during international field hockey matches. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 453-456.	1.3	9
43	Lower-Limb Passive Heat Maintenance Combined With Pre-cooling Improves Repeated Sprint Ability. <i>Frontiers in Physiology</i> , 2018, 9, 1064.	2.8	10
44	Relationships between physical qualities and key performance indicators during match-play in senior international rugby union players. <i>PLoS ONE</i> , 2018, 13, e0202811.	2.5	27
45	Profiling the Responses of Soccer Substitutes: A Review of Current Literature. <i>Sports Medicine</i> , 2018, 48, 2255-2269.	6.5	44
46	Match-Play and Performance Test Responses of Soccer Goalkeepers: A Review of Current Literature. <i>Sports Medicine</i> , 2018, 48, 2497-2516.	6.5	59
47	Necessary Steps to Accelerate the Integration of Wearable Sensors Into Recreation and Competitive Sports. <i>Current Sports Medicine Reports</i> , 2018, 17, 178-182.	1.2	27
48	Assessing worst case scenarios in movement demands derived from global positioning systems during international rugby union matches: Rolling averages versus fixed length epochs. <i>PLoS ONE</i> , 2018, 13, e0195197.	2.5	68
49	The effect of session order on the physiological, neuromuscular, and endocrine responses to maximal speed and weight training sessions over a 24-h period. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 502-506.	1.3	8
50	Measuring recovery: An adapted Brief Assessment of Mood (BAM+) compared to biochemical and power output alterations. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 512-517.	1.3	24
51	COL5A1 gene variants previously associated with reduced soft tissue injury risk are associated with elite athlete status in rugby. <i>BMC Genomics</i> , 2017, 18, 820.	2.8	18
52	Salivary testosterone responses to a physical and psychological stimulus and subsequent effects on physical performance in healthy adults. <i>Hormones</i> , 2016, 15, 248-255.	1.9	10
53	Digit ratio (2D:4D), testosterone, cortisol, aggression, personality and hand-grip strength: Evidence for prenatal effects on strength. <i>Early Human Development</i> , 2016, 100, 21-25.	1.8	42
54	The Neuromuscular, Biochemical, and Endocrine Responses to a Single-Session Vs. Double-Session Training Day in Elite Athletes. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 3098-3106.	2.1	15

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55	Abbreviated Resonant Frequency Training to Augment Heart Rate Variability and Enhance On-Demand Emotional Regulation in Elite Sport Support Staff. <i>Applied Psychophysiology Biofeedback</i> , 2016, 41, 263-274.	1.7	27
56	Changes in Acceleration and Deceleration Capacity Throughout Professional Soccer Match-Play. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 2839-2844.	2.1	122
57	Physiological and performance effects of carbohydrate gels consumed prior to the extra-time period of prolonged simulated soccer match-play. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 509-514.	1.3	33
58	Post-warmup strategies to maintain body temperature and physical performance in professional rugby union players. <i>Journal of Sports Sciences</i> , 2016, 34, 110-115.	2.0	10
59	Movement Demands of Elite U20 International Rugby Union Players. <i>PLoS ONE</i> , 2016, 11, e0153275.	2.5	35
60	Movement Demands of Elite Under-20s and Senior International Rugby Union Players. <i>PLoS ONE</i> , 2016, 11, e0164990.	2.5	25
61	A Passive Heat Maintenance Strategy Implemented during a Simulated Half-Time Improves Lower Body Power Output and Repeated Sprint Ability in Professional Rugby Union Players. <i>PLoS ONE</i> , 2015, 10, e0119374.	2.5	27
62	Quantifying positional and temporal movement patterns in professional rugby union using global positioning system. <i>European Journal of Sport Science</i> , 2015, 15, 488-496.	2.7	94
63	Digit ratio (2D:4D) and salivary testosterone, oestradiol and cortisol levels under challenge: Evidence for prenatal effects on adult endocrine responses. <i>Early Human Development</i> , 2015, 91, 451-456.	1.8	42
64	Postactivation Potentiation of Sprint Acceleration Performance Using Plyometric Exercise. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 343-350.	2.1	77
65	Resting steroid hormone concentrations in lifetime exercisers and lifetime sedentary males. <i>Aging Male</i> , 2015, 18, 22-26.	1.9	28
66	Neuromuscular, physiological and endocrine responses to a maximal speed training session in elite games players. <i>European Journal of Sport Science</i> , 2015, 15, 550-556.	2.7	22
67	Genomics in rugby union: A review and future prospects. <i>European Journal of Sport Science</i> , 2015, 15, 460-468.	2.7	23
68	Salivary testosterone and cortisol responses to four different rugby training exercise protocols. <i>European Journal of Sport Science</i> , 2015, 15, 497-504.	2.7	15
69	Effects of oral contraceptive use on the salivary testosterone and cortisol responses to training sessions and competitions in elite women athletes. <i>Physiology and Behavior</i> , 2015, 147, 84-90.	2.1	26
70	Effects of competition on the sleep patterns of elite rugby union players. <i>European Journal of Sport Science</i> , 2015, 15, 681-686.	2.7	59
71	Half-Time Strategies to Enhance Second-Half Performance in Team-Sports Players: A Review and Recommendations. <i>Sports Medicine</i> , 2015, 45, 353-364.	6.5	69
72	The impact of neuromuscular electrical stimulation on recovery after intensive, muscle damaging, maximal speed training in professional team sports players. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 328-332.	1.3	31

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73	Match play performance characteristics that predict post-match creatine kinase responses in professional rugby union players. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2014, 6, 38.	1.7	43
74	Development of a Criterion Method to Determine Peak Mechanical Power Output in a Countermovement Jump. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 1552-1558.	2.1	167
75	Digit Ratio (2D:4D): A Biomarker for Prenatal Sex Steroids and Adult Sex Steroids in Challenge Situations. <i>Frontiers in Endocrinology</i> , 2014, 5, 9.	3.5	185
76	Profiling the time-course changes in neuromuscular function and muscle damage over two consecutive tournament stages in elite rugby sevens players. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 688-692.	1.3	38
77	Morning based strength training improves afternoon physical performance in rugby union players. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 317-321.	1.3	76
78	Improving Strength and Power in Trained Athletes With 3 Weeks of Occlusion Training. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 166-172.	2.3	95
79	Rightâ€‘left digit ratio (2D:4D) predicts free testosterone levels associated with a physical challenge. <i>Journal of Sports Sciences</i> , 2013, 31, 677-683.	2.0	41
80	The influence of passive heat maintenance on lower body power output and repeated sprint performance in professional rugby league players. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 482-486.	1.3	56
81	Effects of Resisted Sprint Training on Acceleration in Professional Rugby Union Players. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1014-1018.	2.1	50
82	Preconditioning Strategies to Enhance Physical Performance on the Day of Competition. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 677-681.	2.3	72
83	The Workout Responses of Salivary-Free Testosterone and Cortisol Concentrations and Their Association With the Subsequent Competition Outcomes in Professional Rugby League. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 471-476.	2.1	29
84	Influence of Ballistic Bench Press on Upper Body Power Output in Professional Rugby Players. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 2282-2287.	2.1	42
85	Relationship between Repeated Sprint Ability and Aerobic Capacity in Professional Soccer Players. <i>Scientific World Journal</i> , The, 2013, 2013, 1-5.	2.1	26
86	Digit ratio (2D:4D), aggression, and testosterone in men exposed to an aggressive video stimulus. <i>Evolutionary Psychology</i> , 2013, 11, 953-64.	0.9	14
87	Baseline Strength Can Influence the Ability of Salivary Free Testosterone to Predict Squat and Sprinting Performance. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 261-268.	2.1	44
88	Rightâ€‘left digit ratio (2D:4D) and maximal oxygen uptake. <i>Journal of Sports Sciences</i> , 2012, 30, 129-134.	2.0	47
89	Effect of Postactivation Potentiation on Swimming Starts in International Sprint Swimmers. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 2418-2423.	2.1	71
90	The Acute Potentiating Effects of Back Squats on Athlete Performance. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 3319-3325.	2.1	95

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91	Digit ratio (2D:4D) and performance in male surfers. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 3175-3180.	2.1	23
92	Relationships Between Force-Time Characteristics of the Isometric Midthigh Pull and Dynamic Performance in Professional Rugby League Players. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 3070-3075.	2.1	129
93	Influence of Postactivation Potentiation on Sprinting Performance in Professional Rugby Players. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 701-705.	2.1	108
94	Optimal Loading for the Development of Peak Power Output in Professional Rugby Players. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 43-47.	2.1	76
95	Complex Training in Professional Rugby Players: Influence of Recovery Time on Upper-Body Power Output. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 1780-1785.	2.1	58
96	Influence of recovery time on post-activation potentiation in professional rugby players. <i>Journal of Sports Sciences</i> , 2008, 26, 795-802.	2.0	135
97	Optimal Loading for Peak Power Output During the Hang Power Clean in Professional Rugby Players. <i>International Journal of Sports Physiology and Performance</i> , 2007, 2, 260-269.	2.3	74
98	Postactivation Potentiation in Professional Rugby Players: Optimal Recovery. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 1134.	2.1	134
99	Reliability and Detecting Change Following Short-Term Creatine Supplementation: Comparison of Two-Component Body Composition Methods. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 378.	2.1	13