

Paul B Gustin

List of Publications by Year in descending order

Source: [//exaly.com/author-pdf/8292013/publications.pdf](https://exaly.com/author-pdf/8292013/publications.pdf)

Version: 2024-02-01

89
papers

3,941
citations

187190

28
h-index

128812

60
g-index

90
all docs

90
docs citations

90
times ranked

3592
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy System Interaction and Relative Contribution During Maximal Exercise. <i>Sports Medicine</i> , 2001, 31, 725-741.	6.6	580
2	Monitoring Athlete Training Loads: Consensus Statement. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, S2-161-S2-170.	2.3	577
3	Monitoring the athlete training response: subjective self-reported measures trump commonly used objective measures: a systematic review. <i>British Journal of Sports Medicine</i> , 2016, 50, 281-291.	6.6	525
4	Energy system contribution during 200- to 1500-m running in highly trained athletes. <i>Medicine and Science in Sports and Exercise</i> , 2001, 33, 157-162.	0.4	207
5	Perceptions of Wellness to Monitor Adaptive Responses to Training and Competition in Elite Australian Football. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 2518-2526.	2.1	127
6	Training During the COVID-19 Lockdown: Knowledge, Beliefs, and Practices of 12,526 Athletes from 142 Countries and Six Continents. <i>Sports Medicine</i> , 2022, 52, 933-948.	6.6	78
7	Monitoring athletes through self-report: factors influencing implementation. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 137-46.	1.7	76
8	Quantification of tackling demands in professional Australian football using integrated wearable athlete tracking technology. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 589-593.	1.3	75
9	Accumulated oxygen deficit during supramaximal all-out and constant intensity exercise. <i>Medicine and Science in Sports and Exercise</i> , 1995, 27, 255-263.	0.4	73
10	Classification of team sport activities using a single wearable tracking device. <i>Journal of Biomechanics</i> , 2015, 48, 3975-3981.	2.1	73
11	Predicting higher selection in elite junior Australian Rules football: The influence of physical performance and anthropometric attributes. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 601-606.	1.3	73
12	Validity of a trunk-mounted accelerometer to assess peak accelerations during walking, jogging and running. <i>European Journal of Sport Science</i> , 2015, 15, 382-390.	2.7	67
13	Athlete Self-Report Measures in Research and Practice: Considerations for the Discerning Reader and Fastidious Practitioner. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, S2-127-S2-135.	2.3	65
14	Validity of an upper-body-mounted accelerometer to measure peak vertical and resultant force during running and change-of-direction tasks. <i>Sports Biomechanics</i> , 2013, 12, 403-412.	1.6	64
15	Biological maturity influences running performance in junior Australian football. <i>Journal of Science and Medicine in Sport</i> , 2013, 16, 140-145.	1.3	58
16	Red, Amber, or Green? Athlete Monitoring in Team Sport: The Need for Decision-Support Systems. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, S2-73-S2-79.	2.3	56
17	Tackle and impact detection in elite Australian football using wearable microsensor technology. <i>Journal of Sports Sciences</i> , 2014, 32, 947-953.	2.0	49
18	Influence of Physical Fitness, Age, Experience, and Weekly Training Load on Match Performance in Elite Australian Football. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1272-1279.	2.1	47

#	ARTICLE	IF	CITATIONS
19	Deceleration, Acceleration, and Impacts Are Strong Contributors to Muscle Damage in Professional Australian Football. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 3374-3383.	2.1	47
20	Increase in Injury Risk With Low Body Mass and Aerobic-Running Fitness in Elite Australian Football. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 458-463.	2.3	45
21	Metabolic Power Method: Underestimation of Energy Expenditure in Field-Sport Movements Using a Global Positioning System Tracking System. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 1067-1073.	2.3	42
22	Validation of GPS and accelerometer technology in swimming. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 234-238.	1.3	40
23	Role of a Self-report Measure in Athlete Preparation. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 685-691.	2.1	40
24	Reduced Training Volume and Intensity Maintain Aerobic Capacity but not Performance in Distance Runners. <i>International Journal of Sports Medicine</i> , 1993, 14, 33-37.	1.8	39
25	Influence of training status on maximal accumulated oxygen deficit during all-out cycle exercise. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1994, 69, 321-330.	1.2	38
26	Player Load in Elite Netball: Match, Training, and Positional Comparisons. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 1074-1079.	2.3	35
27	Validity of the ActiGraph GT3X+ and BodyMedia SenseWear Armband to estimate energy expenditure during physical activity and sport. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 291-295.	1.3	35
28	Variable resistance all-out test to generate accumulated oxygen deficit and predict anaerobic capacity. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1994, 69, 331-336.	1.2	32
29	Creatine kinase and its relationship with match performance in elite Australian Rules football. <i>Journal of Science and Medicine in Sport</i> , 2014, 17, 332-336.	1.3	29
30	Validity of a Trunk-Mounted Accelerometer to Measure Physical Collisions in Contact Sports. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 681-686.	2.3	25
31	Match running performance and skill execution improves with age but not the number of disposals in young Australian footballers. <i>Journal of Sports Sciences</i> , 2017, 35, 2397-2404.	2.0	25
32	The relationship between match performance indicators and outcome in Australian Football. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 467-471.	1.3	25
33	Late maturers at a performance disadvantage to their more mature peers in junior Australian football. <i>Journal of Sports Sciences</i> , 2014, 32, 563-571.	2.0	24
34	Impact of the talent development environment on the wellbeing and burnout of Caribbean youth track and field athletes. <i>European Journal of Sport Science</i> , 2021, 21, 590-603.	2.7	24
35	Predictors of Individual Player Match Performance in Junior Australian Football. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 853-859.	2.3	23
36	The Player Load Associated With Typical Activities in Elite Netball. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 1218-1223.	2.3	23

#	ARTICLE	IF	CITATIONS
37	Game and Training Load Differences in Elite Junior Australian Football. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 494-500.	1.7	23
38	Profiling the Training Practices and Performance of Elite Rowers. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 572-580.	2.3	22
39	Short Duration Heat Acclimation in Australian Football Players. <i>Journal of Sports Science and Medicine</i> , 2016, 15, 118-25.	1.7	22
40	Is injury associated with team performance in elite Australian football? 20 years of player injury and team performance data that include measures of individual player value. <i>British Journal of Sports Medicine</i> , 2020, 54, 475-479.	6.6	20
41	Variable Resistance Loadings in Anaerobic Power Testing. <i>International Journal of Sports Medicine</i> , 1991, 12, 513-518.	1.8	18
42	Inertial Sensors are a Valid Tool to Detect and Consistently Quantify Jumping. <i>International Journal of Sports Medicine</i> , 2018, 39, 802-808.	1.8	18
43	Concurrent validity and reliability of torso-worn inertial measurement unit for jump power and height estimation. <i>Journal of Sports Sciences</i> , 2018, 36, 1937-1942.	2.0	17
44	A Prospective Cohort Study of Load and Wellness (Sleep, Fatigue, Soreness, Stress, and Mood) in Elite Junior Australian Football Players. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 829-840.	2.3	17
45	Construct validity and reliability of the Talent Development Environment Questionnaire in Caribbean youth track and field athletes. <i>PLoS ONE</i> , 2020, 15, e0227815.	2.5	17
46	Technical determinants of success in professional women's soccer: A wider range of variables reveals new insights. <i>PLoS ONE</i> , 2020, 15, e0240992.	2.5	17
47	Convergent validity of a novel method for quantifying rowing training loads. <i>Journal of Sports Sciences</i> , 2015, 33, 268-276.	2.0	16
48	Absolute and Relative Load and Injury in Elite Junior Australian Football Players Over 1 Season. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 511-519.	2.3	16
49	COVID-19 Lockdown: A Global Study Investigating the Effect of Athletes' Sport Classification and Sex on Training Practices. <i>International Journal of Sports Physiology and Performance</i> , 2022, 17, 1242-1256.	2.3	16
50	The incidence, prevalence, severity, mechanism and body region of injury in elite junior Australian football players: A prospective cohort study over one season. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 1013-1018.	1.3	15
51	The Australian high performance and sport science workforce: A national profile. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 227-231.	1.3	15
52	Building Without a Plan. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1423-1434.	2.1	13
53	Understanding effective tactics in Australian football using network analysis. <i>International Journal of Performance Analysis in Sport</i> , 2019, 19, 331-341.	1.1	13
54	What about Us? We Have Careers Too! The Career Experiences of Australian Sport Scientists. <i>International Journal of Sports Science and Coaching</i> , 2014, 9, 1437-1456.	1.5	12

#	ARTICLE	IF	CITATIONS
55	Machine Learning Enabled Team Performance Analysis in the Dynamical Environment of Soccer. IEEE Access, 2020, 8, 90266-90279.	4.2	10
56	Understanding the relative contribution of technical and tactical performance to match outcome in Australian Football. Journal of Sports Sciences, 2020, 38, 676-681.	2.0	10
57	Australian Football League Injury Characteristics Differ Between Matches and Training: A Longitudinal Analysis of Changes in the Setting, Site, and Time Span From 1997 to 2016. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711983764.	1.7	9
58	Impact of Sport Context and Support on the Use of a Self-Report Measure for Athlete Monitoring. Journal of Sports Science and Medicine, 2015, 14, 732-9.	1.7	9
59	Utility of the multi-component training distress scale to monitor swimmers during periods of training overload. Research in Sports Medicine, 2016, 24, 254-265.	1.4	8
60	Network analysis of kick-in possession chains in elite Australian football. Journal of Sports Sciences, 2020, 38, 1053-1061.	2.0	8
61	Heart rate biofeedback fails to enhance children's ability to identify time spent in moderate to vigorous physical activity. Journal of Science and Medicine in Sport, 2011, 14, 153-158.	1.3	7
62	Development and Implementation of a Novel Measure for Quantifying Training Loads in Rowing. Journal of Strength and Conditioning Research, 2014, 28, 1172-1180.	2.1	7
63	Time use and health and wellbeing outcomes of sport school students in Australia. Sport Sciences for Health, 2017, 13, 427-435.	1.3	7
64	Athlete Self-Report Measure Use and Associated Psychological Alterations. Sports, 2017, 5, 54.	1.7	7
65	Position specific peak impact and running demands of professional rugby union players during game play. International Journal of Sports Science and Coaching, 2021, 16, 1162-1168.	1.5	7
66	Quantification of Recruit Training Demands and Subjective Wellbeing during Basic Military Training. International Journal of Environmental Research and Public Health, 2022, 19, 7360.	2.7	7
67	Career facilitators and obstacles of Australian football development coaches. International Journal of Sports Science and Coaching, 2016, 11, 255-269.	1.5	6
68	Elite Junior Australian Football Players Experience Significantly Different Loads Across Levels of Competition and Training Modes. Journal of Strength and Conditioning Research, 2018, 32, 2031-2038.	2.1	6
69	Sleep Characteristics of Elite Youth Athletes: A Clustering Approach to Optimize Sleep Support Strategies. International Journal of Sports Physiology and Performance, 2021, 16, 1225-1233.	2.3	6
70	Factors Predicting Training Delays and Attrition of Recruits during Basic Military Training. International Journal of Environmental Research and Public Health, 2022, 19, 7271.	2.7	6
71	The influence of match characteristics and experience on decision-making performance in AFL umpires. Journal of Science and Medicine in Sport, 2019, 22, 112-116.	1.3	5
72	Player Wellness (Soreness and Stress) and Injury in Elite Junior Australian Football Players Over 1 Season. International Journal of Sports Physiology and Performance, 2020, 15, 1422-1429.	2.3	5

#	ARTICLE	IF	CITATIONS
73	Anthropometric and Physical Fitness Comparisons Between Australian and Qatari Male Sport School Athletes. <i>Asian Journal of Sports Medicine</i> , 2018, 9, .	0.3	5
74	Sleep of recruits throughout basic military training and its relationships with stress, recovery, and fatigue. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 1331-1342.	2.4	5
75	Soldier monitoring: A systematic review. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, S68-S69.	1.3	4
76	Factors Influencing the Early Development of World-Class Caribbean Track and Field Athletes: A Qualitative Investigation. <i>Journal of Sports Science and Medicine</i> , 2019, 18, 758-771.	1.7	4
77	Techniques to derive and clean acceleration and deceleration data of athlete tracking technologies in team sports: A scoping review. <i>Journal of Sports Sciences</i> , 2022, 40, 1772-1800.	2.0	4
78	Motives for Dropout Among Former Junior Elite Caribbean Track and Field Athletes: A Qualitative Investigation. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 696205.	1.8	3
79	Considerations in the Development of a Postgraduate Strength and Conditioning Program: Insights From Australia, the United States, the United Kingdom, and New Zealand. <i>Strength and Conditioning Journal</i> , 2021, 43, 116-122.	1.5	3
80	The acute effect of maximal voluntary isometric contraction pull on start gate performance of snowboard and ski cross athletes. <i>International Journal of Sports Science and Coaching</i> , 2016, 11, 721-727.	1.5	2
81	The Training Load of Aerial Skiing. <i>International Journal of Performance Analysis in Sport</i> , 2016, 16, 726-736.	1.1	2
82	Rule modification in junior sport: Does it create differences in player movement?. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 937-942.	1.3	2
83	Reasons for choosing an exercise and sport science degree: Attractors to exercise and sport science. <i>Journal of Hospitality, Leisure, Sport and Tourism Education</i> , 2021, 29, 100330.	2.9	2
84	Elite Junior Australian Football Players With Impaired Wellness Are at Increased Injury Risk at High Loads. <i>Sports Health</i> , 2023, 15, 218-226.	2.8	2
85	Development of a golf-specific load monitoring tool: Content validity and feasibility. <i>European Journal of Sport Science</i> , 2018, 18, 458-472.	2.7	1
86	Investigation of Complexity and Regulatory Role of Physiological Activities During a Pacing Exercise. <i>IEEE Access</i> , 2019, 7, 152334-152346.	4.2	1
87	The transfer of expertise to aerial skiing: Utility of an athletic profile in female athletes. <i>International Journal of Sports Science and Coaching</i> , 2022, 17, 1033-1039.	1.5	1
88	Training and Competition Activity Profiles of Australian Football Field Umpires. <i>Journal of Strength and Conditioning Research</i> , 2020, 34, 2956-2964.	2.1	1
89	Teamwork and performance in professional women's football: A network-based analysis. <i>International Journal of Sports Science and Coaching</i> , 2023, 18, 848-857.	1.5	1