Paul B Gastin

List of Publications by Citations

86 papers	2,770 citations	25 h-index	51 g-index
90 ext. papers	3,310 ext. citations	3.2 avg, IF	5.67 L-index

#	Paper	IF	Citations
86	Energy system interaction and relative contribution during maximal exercise. *Sports Medicine*, **2001**, 31, 725-41	10.6	425
85	Monitoring the athlete training response: subjective self-reported measures trump commonly used objective measures: a systematic review. *British Journal of Sports Medicine*, **2016**, 50, 281-91	10.3	367
84	Monitoring Athlete Training Loads: Consensus Statement. *International Journal of Sports Physiology and Performance*, **2017**, 12, S2161-S2170	3.5	365
83	Energy system contribution during 200- to 1500-m running in highly trained athletes. *Medicine and Science in Sports and Exercise*, **2001**, 33, 157-62	1.2	157
82	Perceptions of wellness to monitor adaptive responses to training and competition in elite Australian football. *Journal of Strength and Conditioning Research*, **2013**, 27, 2518-26	3.2	98
81	Quantification of tackling demands in professional Australian football using integrated wearable athlete tracking technology. *Journal of Science and Medicine in Sport*, **2013**, 16, 589-93	4.4	69
80	Monitoring athletes through self-report: factors influencing implementation. *Journal of Sports Science and Medicine*, **2015**, 14, 137-46	2.7	66
79	Predicting higher selection in elite junior Australian Rules football: The influence of physical performance and anthropometric attributes. *Journal of Science and Medicine in Sport*, **2015**, 18, 601-6	4.4	63
78	Classification of team sport activities using a single wearable tracking device. *Journal of Biomechanics*, **2015**, 48, 3975-3981	2.9	60
77	Accumulated oxygen deficit during supramaximal all-out and constant intensity exercise. *Medicine and Science in Sports and Exercise*, **1995**, 27, 255???263	1.2	58
76	Biological maturity influences running performance in junior Australian football. *Journal of Science and Medicine in Sport*, **2013**, 16, 140-5	4.4	52
75	Validity of an upper-body-mounted accelerometer to measure peak vertical and resultant force during running and change-of-direction tasks. *Sports Biomechanics*, **2013**, 12, 403-12	2.2	50
74	Validity of a trunk-mounted accelerometer to assess peak accelerations during walking, jogging and running. *European Journal of Sport Science*, **2015**, 15, 382-90	3.9	49
73	Athlete Self-Report Measures in Research and Practice: Considerations for the Discerning Reader and Fastidious Practitioner. *International Journal of Sports Physiology and Performance*, **2017**, 12, S2127-S2135	3.5	49
72	Red, Amber, or Green? Athlete Monitoring in Team Sport: The Need for Decision-Support Systems. *International Journal of Sports Physiology and Performance*, **2017**, 12, S273-S279	3.5	43
71	Influence of physical fitness, age, experience, and weekly training load on match performance in elite Australian football. *Journal of Strength and Conditioning Research*, **2013**, 27, 1272-9	3.2	42
70	Tackle and impact detection in elite Australian football using wearable microsensor technology. *Journal of Sports Sciences*, **2014**, 32, 947-53	3.6	37

69	Reduced training volume and intensity maintain aerobic capacity but not performance in distance runners. *International Journal of Sports Medicine*, **1993**, 14, 33-7	3.6	33
68	Validation of GPS and accelerometer technology in swimming. *Journal of Science and Medicine in Sport*, **2014**, 17, 234-8	4.4	32
67	Increase in injury risk with low body mass and aerobic-running fitness in elite Australian football. *International Journal of Sports Physiology and Performance*, **2015**, 10, 458-63	3.5	32
66	Deceleration, Acceleration, and Impacts Are Strong Contributors to Muscle Damage in Professional Australian Football. *Journal of Strength and Conditioning Research*, **2019**, 33, 3374-3383	3.2	32
65	Role of a self-report measure in athlete preparation. *Journal of Strength and Conditioning Research*, **2015**, 29, 685-91	3.2	30
64	Influence of training status on maximal accumulated oxygen deficit during all-out cycle exercise. *European Journal of Applied Physiology and Occupational Physiology*, **1994**, 69, 321-30		29
63	Metabolic Power Method: Underestimation of Energy Expenditure in Field-Sport Movements Using a Global Positioning System Tracking System. *International Journal of Sports Physiology and Performance*, **2016**, 11, 1067-1073	3.5	29
62	Player Load in Elite Netball: Match, Training, and Positional Comparisons. *International Journal of Sports Physiology and Performance*, **2016**, 11, 1074-1079	3.5	28
61	Validity of the ActiGraph GT3X+ and BodyMedia SenseWear Armband to estimate energy expenditure during physical activity and sport. *Journal of Science and Medicine in Sport*, **2018**, 21, 291-295	4.4	25
60	Creatine kinase and its relationship with match performance in elite Australian Rules football. *Journal of Science and Medicine in Sport*, **2014**, 17, 332-6	4.4	24
59	Variable resistance all-out test to generate accumulated oxygen deficit and predict anaerobic capacity. *European Journal of Applied Physiology and Occupational Physiology*, **1994**, 69, 331-6		24
58	Game and Training Load Differences in Elite Junior Australian Football. *Journal of Sports Science and Medicine*, **2015**, 14, 494-500	2.7	21
57	Short Duration Heat Acclimation in Australian Football Players. *Journal of Sports Science and Medicine*, **2016**, 15, 118-25	2.7	21
56	The Player Load Associated With Typical Activities in Elite Netball. *International Journal of Sports Physiology and Performance*, **2017**, 12, 1218-1223	3.5	20
55	Predictors of individual player match performance in junior Australian football. *International Journal of Sports Physiology and Performance*, **2015**, 10, 853-9	3.5	20
54	Validity of a Trunk-Mounted Accelerometer to Measure Physical Collisions in Contact Sports. *International Journal of Sports Physiology and Performance*, **2015**, 10, 681-6	3.5	18
53	Late maturers at a performance disadvantage to their more mature peers in junior Australian football. *Journal of Sports Sciences*, **2014**, 32, 563-71	3.6	18
52	Training During the COVID-19 Lockdown: Knowledge, Beliefs, and Practices of 12,526 Athletes from 142 Countries and Six Continents. *Sports Medicine*, **2021**, 1	10.6	14

51	Match running performance and skill execution improves with age but not the number of disposals in young Australian footballers. *Journal of Sports Sciences*, **2017**, 35, 2397-2404	3.6	13
50	The incidence, prevalence, severity, mechanism and body region of injury in elite junior Australian football players: A prospective cohort study over one season. *Journal of Science and Medicine in Sport*, **2018**, 21, 1013-1018	4.4	13
49	Profiling the training practices and performances of elite rowers. *International Journal of Sports Physiology and Performance*, **2015**, 10, 572-80	3.5	13
48	Variable resistance loadings in anaerobic power testing. *International Journal of Sports Medicine*, **1991**, 12, 513-8	3.6	13
47	The relationship between match performance indicators and outcome in Australian Football. *Journal of Science and Medicine in Sport*, **2019**, 22, 467-471	4.4	13
46	Building without a plan: the career experiences of Australian strength and conditioning coaches. *Journal of Strength and Conditioning Research*, **2013**, 27, 1423-34	3.2	12
45	Convergent validity of a novel method for quantifying rowing training loads. *Journal of Sports Sciences*, **2015**, 33, 268-76	3.6	11
44	Absolute and Relative Load and Injury in Elite Junior Australian Football Players Over 1 Season. *International Journal of Sports Physiology and Performance*, **2019**, 1-9	3.5	11
43	A Prospective Cohort Study of Load and Wellness (Sleep, Fatigue, Soreness, Stress, and Mood) in Elite Junior Australian Football Players. *International Journal of Sports Physiology and Performance*, **2019**, 14, 829-840	3.5	11
42	Concurrent validity and reliability of torso-worn inertial measurement unit for jump power and height estimation. *Journal of Sports Sciences*, **2018**, 36, 1937-1942	3.6	10
41	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. *British Journal of Sports Medicine*, **2020**, 54, 475-479	10.3	10
40	Impact of the talent development environment on the wellbeing and burnout of Caribbean youth track and field athletes. *European Journal of Sport Science*, **2021**, 21, 590-603	3.9	10
39	Inertial Sensors are a Valid Tool to Detect and Consistently Quantify Jumping. *International Journal of Sports Medicine*, **2018**, 39, 802-808	3.6	9
38	Construct validity and reliability of the Talent Development Environment Questionnaire in Caribbean youth track and field athletes. *PLoS ONE*, **2020**, 15, e0227815	3.7	8
37	What about Us? We Have Careers Too! The Career Experiences of Australian Sport Scientists. *International Journal of Sports Science and Coaching*, **2014**, 9, 1437-1456	1.8	8
36	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	2.7	8
35	Utility of the multi-component training distress scale to monitor swimmers during periods of training overload. *Research in Sports Medicine*, **2016**, 24, 269-80	3.8	7
34	Machine Learning Enabled Team Performance Analysis in the Dynamical Environment of Soccer. *IEEE Access*, **2020**, 8, 90266-90279	3.5	6

33	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	3.2	6
32	Understanding effective tactics in Australian football using network analysis. *International Journal of Performance Analysis in Sport*, **2019**, 19, 331-341	1.8	5
31	Career facilitators and obstacles of Australian football development coaches. *International Journal of Sports Science and Coaching*, **2016**, 11, 255-269	1.8	5
30	The Australian high performance and sport science workforce: A national profile. *Journal of Science and Medicine in Sport*, **2019**, 22, 227-231	4.4	5
29	Development and implementation of a novel measure for quantifying training loads in rowing: the T2minute method. *Journal of Strength and Conditioning Research*, **2014**, 28, 1172-80	3.2	5
28	Athlete Self-Report Measure Use and Associated Psychological Alterations. *Sports*, **2017**, 5,	3	5
27	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, 153-8	4.4	5
26	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, 2325967119837641	3.5	4
25	Understanding the relative contribution of technical and tactical performance to match outcome in Australian Football. *Journal of Sports Sciences*, **2020**, 38, 676-681	3.6	4
24	Time use and health and wellbeing outcomes of sport school students in Australia. *Sport Sciences for Health*, **2017**, 13, 427-435	1.3	4
23	Soldier monitoring: A systematic review. *Journal of Science and Medicine in Sport*, **2017**, 20, S68-S69	4.4	4
22	Factors Influencing the Early Development of World-Class Caribbean Track and Field Athletes: A Qualitative Investigation. *Journal of Sports Science and Medicine*, **2019**, 18, 758-771	2.7	4
21	Network analysis of kick-in possession chains in elite Australian football. *Journal of Sports Sciences*, **2020**, 38, 1053-1061	3.6	4
20	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	4.4	3
19	Technical determinants of success in professional women's soccer: A wider range of variables reveals new insights. *PLoS ONE*, **2020**, 15, e0240992	3.7	3
18	Anthropometric and Physical Fitness Comparisons Between Australian and Qatari Male Sport School Athletes. *Asian Journal of Sports Medicine*, **2018**, 9,	1.4	3
17	Rule modification in junior sport: Does it create differences in player movement?. *Journal of Science and Medicine in Sport*, **2017**, 20, 937-942	4.4	2
16	Investigation of Complexity and Regulatory Role of Physiological Activities During a Pacing Exercise. *IEEE Access*, **2019**, 7, 152334-152346	3.5	1

15	The Training Load of Aerial Skiing. *International Journal of Performance Analysis in Sport*, **2016**, 16, 726-736	1.8	1
14	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	3.5	1
13	Training and Competition Activity Profiles of Australian Football Field Umpires. *Journal of Strength and Conditioning Research*, **2020**, 34, 2956-2964	3.2	1
12	Considerations in the Development of a Postgraduate Strength and Conditioning Program: Insights From Australia, the United States, the United Kingdom, and New Zealand. *Strength and Conditioning Journal*, **2021**, 43, 116-122	2	1
11	Position specific peak impact and running demands of professional rugby union players during game play. *International Journal of Sports Science and Coaching*,174795412110040	1.8	1
10	The acute effect of maximal voluntary isometric contraction pull on start gate performance of snowboard and ski cross athletes. *International Journal of Sports Science and Coaching*, **2016**, 11, 721-727	1.8	1
9	Sleep Characteristics of Elite Youth Athletes: A Clustering Approach to Optimize Sleep Support Strategies. *International Journal of Sports Physiology and Performance*, **2021**, 1-9	3.5	1
8	Techniques to derive and clean acceleration and deceleration data of athlete tracking technologies in team sports: A scoping review.. *Journal of Sports Sciences*, **2022**, 1-16	3.6	1
7	Development of a golf-specific load monitoring tool: Content validity and feasibility. *European Journal of Sport Science*, **2018**, 18, 458-472	3.9	0
6	Motives for Dropout Among Former Junior Elite Caribbean Track and Field Athletes: A Qualitative Investigation. *Frontiers in Sports and Active Living*, **2021**, 3, 696205	2.3	0
5	Reasons for choosing an exercise and sport science degree: Attractors to exercise and sport science. *Journal of Hospitality, Leisure, Sport and Tourism Education*, **2021**, 29, 100330	1.8	0
4	Sleep of recruits throughout basic military training and its relationships with stress, recovery, and fatigue.. *International Archives of Occupational and Environmental Health*, **2022**, 1	3.2	0
3	Elite Junior Australian Football Players With Impaired Wellness Are at Increased Injury Risk at High Loads.. *Sports Health*, **2022**, 19417381221087245	4.7	0
2	The transfer of expertise to aerial skiing: Utility of an athletic profile in female athletes. *International Journal of Sports Science and Coaching*,174795412110542	1.8	
1	Teamwork and performance in professional women's football: A network-based analysis. *International Journal of Sports Science and Coaching*,174795412210923	1.8	