

# Will G Hopkins

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121  
papers

8,731  
citations

45  
h-index

92  
g-index

129  
ext. papers

9,681  
ext. citations

4.1  
avg. IF

6.73  
L-index

#	Paper	IF	Citations
121	Measures of reliability in sports medicine and science. <i>Sports Medicine</i> , <b>2000</b> , 30, 1-15	10.6	2665
120	Effects of different modes of exercise training on glucose control and risk factors for complications in type 2 diabetic patients: a meta-analysis. <i>Diabetes Care</i> , <b>2006</b> , 29, 2518-27	14.6	525
119	Reliability of power in physical performance tests. <i>Sports Medicine</i> , <b>2001</b> , 31, 211-34	10.6	433
118	Effects of low-volume high-intensity interval training (HIT) on fitness in adults: a meta-analysis of controlled and non-controlled trials. <i>Sports Medicine</i> , <b>2014</b> , 44, 1005-17	10.6	223
117	Effects of acute alkalosis and acidosis on performance: a meta-analysis. <i>Sports Medicine</i> , <b>2011</b> , 41, 801-14	10.6	169
116	Sea-level exercise performance following adaptation to hypoxia: a meta-analysis. <i>Sports Medicine</i> , <b>2009</b> , 39, 107-27	10.6	155
115	Tackle injuries in professional Rugby Union. <i>American Journal of Sports Medicine</i> , <b>2008</b> , 36, 1705-16	6.8	143
114	Associations of objectively measured built-environment attributes with youth moderate-vigorous physical activity: a systematic review and meta-analysis. <i>Sports Medicine</i> , <b>2015</b> , 45, 841-65	10.6	137
113	Multiple effects of caffeine on simulated high-intensity team-sport performance. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 1998-2005	1.2	137
112	Variation in performance of elite cyclists from race to race. <i>European Journal of Sport Science</i> , <b>2006</b> , 6, 25-31	3.9	130
111	The effect of recovery strategies on physical performance and cumulative fatigue in competitive basketball. <i>Journal of Sports Sciences</i> , <b>2008</b> , 26, 1135-45	3.6	128
110	Second-generation blood tests to detect erythropoietin abuse by athletes. <i>Haematologica</i> , <b>2003</b> , 88, 333-44	6.6	125
109	Positional demands of international rugby union: evaluation of player actions and movements. <i>Journal of Science and Medicine in Sport</i> , <b>2013</b> , 16, 353-9	4.4	124
108	Age of Peak Competitive Performance of Elite Athletes: A Systematic Review. <i>Sports Medicine</i> , <b>2015</b> , 45, 1431-41	10.6	119
107	Effects of different interval-training programs on cycling time-trial performance. <i>Medicine and Science in Sports and Exercise</i> , <b>1999</b> , 31, 736-41	1.2	115
106	Inter-operator reliability of live football match statistics from OPTA Sportsdata. <i>International Journal of Performance Analysis in Sport</i> , <b>2013</b> , 13, 803-821	1.8	110
105	Effects of daily activities on dual-energy X-ray absorptiometry measurements of body composition in active people. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 180-9	1.2	109

104	Errors of measurement for blood volume parameters: a meta-analysis. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 1745-58	3.7	108
103	Variability and predictability of finals times of elite rowers. <i>Medicine and Science in Sports and Exercise</i> , <b>2011</b> , 43, 2155-60	1.2	106
102	Osteitis pubis and assessment of bone marrow edema at the pubic symphysis with MRI in an elite junior male soccer squad. <i>Clinical Journal of Sport Medicine</i> , <b>2006</b> , 16, 117-22	3.2	102
101	Tests of cycling performance. <i>Sports Medicine</i> , <b>2001</b> , 31, 489-96	10.6	100
100	Clinical and laboratory evaluation of upper respiratory symptoms in elite athletes. <i>Clinical Journal of Sport Medicine</i> , <b>2008</b> , 18, 438-45	3.2	87
99	Variability of competitive performance of elite athletes: a systematic review. <i>Sports Medicine</i> , <b>2014</b> , 44, 1763-74	10.6	77
98	Changes in player characteristics and match activities in Bledisloe Cup rugby union from 1972 to 2004. <i>Journal of Sports Sciences</i> , <b>2007</b> , 25, 895-903	3.6	77
97	Effects of acute carbohydrate supplementation on endurance performance: a meta-analysis. <i>Sports Medicine</i> , <b>2011</b> , 41, 773-92	10.6	73
96	Effects of a short-term pre-season training programme on the body composition and anaerobic performance of professional rugby union players. <i>Journal of Sports Sciences</i> , <b>2010</b> , 28, 679-86	3.6	73
95	Multi-omic integrated networks connect DNA methylation and miRNA with skeletal muscle plasticity to chronic exercise in Type 2 diabetic obesity. <i>Physiological Genomics</i> , <b>2014</b> , 46, 747-65	3.6	72
94	Effects of weather on pedometer-determined physical activity in children. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, 1432-8	1.2	69
93	Error Rates, Decisive Outcomes and Publication Bias with Several Inferential Methods. <i>Sports Medicine</i> , <b>2016</b> , 46, 1563-73	10.6	65
92	Activity profiles and demands of seasonal and tournament basketball competition. <i>International Journal of Sports Physiology and Performance</i> , <b>2013</b> , 8, 623-9	3.5	58
91	Effectiveness of foot orthoses for treatment and prevention of lower limb injuries : a review. <i>Sports Medicine</i> , <b>2008</b> , 38, 759-79	10.6	58
90	Counterpoint: positive effects of intermittent hypoxia (live high:train low) on exercise performance are not mediated primarily by augmented red cell volume. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 2055-7; discussion 2057-8	3.7	58
89	Effect of Flavonoids on Upper Respiratory Tract Infections and Immune Function: A Systematic Review and Meta-Analysis. <i>Advances in Nutrition</i> , <b>2016</b> , 7, 488-97	10	57
88	Reliability of time to exhaustion analyzed with critical-power and log-log modeling. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 696-701	1.2	56
87	Effects of dietary antioxidants on training and performance in female runners. <i>European Journal of Sport Science</i> , <b>2014</b> , 14, 160-8	3.9	55

86	Variability and progression in competitive performance of Paralympic swimmers. <i>Journal of Sports Sciences</i> , <b>2009</b> , 27, 535-9	3.6	55
85	A new reliable laboratory test of endurance performance for road cyclists. <i>Medicine and Science in Sports and Exercise</i> , <b>1998</b> , 30, 1744-50	1.2	55
84	Effects of exercise sessions on DXA measurements of body composition in active people. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 178-85	1.2	53
83	Measures of rowing performance. <i>Sports Medicine</i> , <b>2012</b> , 42, 343-58	10.6	50
82	Development of reference ranges in elite athletes for markers of altered erythropoiesis. <i>Haematologica</i> , <b>2002</b> , 87, 1248-57	6.6	49
81	Skeletal Muscle Glycogen Content at Rest and During Endurance Exercise in Humans: A Meta-Analysis. <i>Sports Medicine</i> , <b>2018</b> , 48, 2091-2102	10.6	48
80	Modelling age and secular differences in fitness between basketball players. <i>Journal of Sports Sciences</i> , <b>2007</b> , 25, 869-78	3.6	47
79	Aerobic glycolytic and aerobic lipolytic power systems. A new paradigm with implications for endurance and ultraendurance events. <i>Sports Medicine</i> , <b>1995</b> , 19, 240-50	10.6	45
78	Risk factors and risk statistics for sports injuries. <i>Clinical Journal of Sport Medicine</i> , <b>2007</b> , 17, 208-10	3.2	44
77	Draft-camp predictors of subsequent career success in the Australian Football League. <i>Journal of Science and Medicine in Sport</i> , <b>2012</b> , 15, 561-7	4.4	43
76	Does hydrotherapy help or hinder adaptation to training in competitive cyclists?. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1631-9	1.2	39
75	Techniques for undertaking dual-energy X-ray absorptiometry whole-body scans to estimate body composition in tall and/or broad subjects. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2012</b> , 22, 313-22	4.4	39
74	Analysis of lap times in international swimming competitions. <i>Journal of Sports Sciences</i> , <b>2009</b> , 27, 387-95	3.6	39
73	Peak Age and Performance Progression in World-Class Track-and-Field Athletes. <i>International Journal of Sports Physiology and Performance</i> , <b>2018</b> , 13, 1122-1129	3.5	38
72	Stability of hemoglobin mass over 100 days in active men. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 982-5	3.7	37
71	Dose effect of caffeine on testosterone and cortisol responses to resistance exercise. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2008</b> , 18, 131-41	4.4	36
70	Muscle damage, inflammation, and recovery interventions during a 3-day basketball tournament. <i>European Journal of Sport Science</i> , <b>2008</b> , 8, 241-250	3.9	35
69	Ability of test measures to predict competitive performance in elite swimmers. <i>Journal of Sports Sciences</i> , <b>2008</b> , 26, 123-30	3.6	35

68	Identification of Sensitive Measures of Recovery After External Load From Football Match Play. <i>International Journal of Sports Physiology and Performance</i> , <b>2017</b> , 12, 969-976	3.5	33
67	Age at Peak Performance of Successful Track & Field Athletes. <i>International Journal of Sports Science and Coaching</i> , <b>2014</b> , 9, 651-661	1.8	32
66	Performance indicators related to points scoring and winning in international rugby sevens. <i>Journal of Sports Science and Medicine</i> , <b>2014</b> , 13, 358-64	2.7	32
65	Effects of three training types on vitality among older adults: A self-determination theory perspective. <i>Psychology of Sport and Exercise</i> , <b>2012</b> , 13, 407-417	4.2	30
64	Effects of different uphill interval-training programs on running economy and performance. <i>International Journal of Sports Physiology and Performance</i> , <b>2013</b> , 8, 639-47	3.5	30
63	The association of objectively determined physical activity behavior among adolescent female friends. <i>Research Quarterly for Exercise and Sport</i> , <b>2007</b> , 78, 9-15	1.9	29
62	Effects of modified-impliment training on fast bowling in cricket. <i>Journal of Sports Sciences</i> , <b>2004</b> , 22, 1035-9	3.6	29
61	Monitoring acute effects on athletic performance with mixed linear modeling. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 1339-44	1.2	26
60	High-intensity kayak performance after adaptation to intermittent hypoxia. <i>International Journal of Sports Physiology and Performance</i> , <b>2006</b> , 1, 246-60	3.5	26
59	Variability and predictability of performance times of elite cross-country skiers. <i>International Journal of Sports Physiology and Performance</i> , <b>2014</b> , 9, 5-11	3.5	25
58	Monitoring changes in lean mass of elite male and female swimmers. <i>International Journal of Sports Physiology and Performance</i> , <b>2006</b> , 1, 14-26	3.5	24
57	Variation in performance times of elite flat-water canoeists from race to race. <i>International Journal of Sports Physiology and Performance</i> , <b>2010</b> , 5, 210-7	3.5	22
56	Environmental and venue-related factors affecting the performance of elite male track athletes. <i>European Journal of Sport Science</i> , <b>2012</b> , 12, 201-206	3.9	21
55	Power outputs of a machine squat-jump across a spectrum of loads. <i>Journal of Strength and Conditioning Research</i> , <b>2007</b> , 21, 1260-4	3.2	21
54	Variability and predictability of elite competitive slalom canoe-kayak performance. <i>European Journal of Sport Science</i> , <b>2011</b> , 11, 125-130	3.9	20
53	Characteristics of performance in skeleton World Cup races. <i>Journal of Sports Sciences</i> , <b>2009</b> , 27, 367-72	3.6	20
52	Effect of high-fat, high-carbohydrate, and high-protein meals on metabolism and performance during endurance cycling. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2002</b> , 12, 318-34	4.4	20
51	Evaluation of goal kicking performance in international rugby union matches. <i>Journal of Science and Medicine in Sport</i> , <b>2015</b> , 18, 195-8	4.4	19

50	Physiological measures tracking seasonal changes in peak running speed. <i>International Journal of Sports Physiology and Performance</i> , <b>2010</b> , 5, 230-8	3.5	19
49	Ultradian rhythmicity and induced changes in salivary testosterone. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 110, 405-13	3.4	18
48	Running performance after adaptation to acutely intermittent hypoxia. <i>European Journal of Sport Science</i> , <b>2006</b> , 6, 163-172	3.9	18
47	Peak Age and Performance Progression in World-Class Weightlifting and Powerlifting Athletes. <i>International Journal of Sports Physiology and Performance</i> , <b>2019</b> , 14, 1357-1363	3.5	17
46	Simulated rugby performance at 1550-m altitude following adaptation to intermittent normobaric hypoxia. <i>Journal of Science and Medicine in Sport</i> , <b>2008</b> , 11, 593-9	4.4	17
45	Serial respiratory adaptations and an alternate hypothesis of respiratory control in human pregnancy. <i>Respiratory Physiology and Neurobiology</i> , <b>2006</b> , 153, 39-53	2.8	17
44	The effect of common hematologic abnormalities on the ability of blood models to detect erythropoietin abuse by athletes. <i>Haematologica</i> , <b>2003</b> , 88, 931-40	6.6	17
43	Assessing the variation in the load that produces maximal upper-body power. <i>Journal of Strength and Conditioning Research</i> , <b>2014</b> , 28, 240-4	3.2	15
42	Training Practices of Athletes with Disabilities. <i>Adapted Physical Activity Quarterly</i> , <b>1996</b> , 13, 372-381	1.7	15
41	Effect of dietary antioxidants, training, and performance correlates on antioxidant status in competitive rowers. <i>International Journal of Sports Physiology and Performance</i> , <b>2013</b> , 8, 565-72	3.5	14
40	Development and validation of a food-frequency questionnaire to assess short-term antioxidant intake in athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2011</b> , 21, 105-12	4.4	14
39	Tracking career performance of successful triathletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1227-34	1.2	13
38	Seasonal progression and variability of repeat-effort line-drill performance in elite junior basketball players. <i>Journal of Sports Sciences</i> , <b>2008</b> , 26, 543-50	3.6	13
37	Associations Between the Neighborhood Environment and Moderate-to-Vigorous Walking in New Zealand Children: Findings from the URBAN Study. <i>Sports Medicine</i> , <b>2016</b> , 46, 1003-17	10.6	13
36	The Effect of Natural or Simulated Altitude Training on High-Intensity Intermittent Running Performance in Team-Sport Athletes: A Meta-Analysis. <i>Sports Medicine</i> , <b>2018</b> , 48, 431-446	10.6	13
35	Quiet eye predicts goaltender success in deflected ice hockey shots. <i>European Journal of Sport Science</i> , <b>2017</b> , 17, 93-99	3.9	12
34	Adjustment of measures of strength and power in youth male athletes differing in body mass and maturation. <i>Pediatric Exercise Science</i> , <b>2014</b> , 26, 41-8	2	12
33	Performance Relationships in Timed and Mass-Start Events for Elite Omnium Cyclists. <i>International Journal of Sports Physiology and Performance</i> , <b>2017</b> , 12, 628-633	3.5	11

32	Characterizing changes in fitness of basketball players within and between seasons. <i>International Journal of Performance Analysis in Sport</i> , <b>2005</b> , 5, 107-125	1.8	11
31	The Problems with "The Problem with Magnitude-Based Inference". <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 599	1.2	11
30	Using athletes' world rankings to assess countries' performance. <i>International Journal of Sports Physiology and Performance</i> , <b>2014</b> , 9, 133-8	3.5	10
29	A 1-year follow-up of effects of exercise programs on well-being in older adults. <i>Journal of Aging and Physical Activity</i> , <b>2014</b> , 22, 52-64	1.6	10
28	Methods for tracking athletes' competitive performance in skeleton. <i>Journal of Sports Sciences</i> , <b>2009</b> , 27, 937-40	3.6	10
27	Changes in running endurance performance following intermittent altitude exposure simulated with tents. <i>European Journal of Sport Science</i> , <b>2005</b> , 5, 15-24	3.9	10
26	Distance to School is Associated with Sedentary Time in Children: Findings from the URBAN Study. <i>Frontiers in Public Health</i> , <b>2014</b> , 2, 151	6	9
25	Cycling performance following adaptation to two protocols of acutely intermittent hypoxia. <i>International Journal of Sports Physiology and Performance</i> , <b>2009</b> , 4, 68-83	3.5	9
24	Force-velocity test on a stationary cycle ergometer: methodological recommendations. <i>Journal of Applied Physiology</i> , <b>2018</b> , 124, 831-839	3.7	8
23	The Influence of Training Phase on Error of Measurement in Jump Performance. <i>International Journal of Sports Physiology and Performance</i> , <b>2016</b> , 11, 235-9	3.5	7
22	Week-to-week differences of children's habitual activity and postural allocation as measured by the ActivPAL monitor. <i>Gait and Posture</i> , <b>2013</b> , 38, 663-7	2.6	7
21	Unilateral fluid absorption and effects on peak power after ingestion of commercially available hypotonic, isotonic, and hypertonic sports drinks. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2011</b> , 21, 480-91	4.4	7
20	Effects of Matched Intermittent and Continuous Exercise on Changes of Cardiac Biomarkers in Endurance Runners. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 30	4.6	6
19	Are there useful physiological or psychological markers for monitoring overload training in elite rowers?. <i>International Journal of Sports Physiology and Performance</i> , <b>2011</b> , 6, 469-84	3.5	6
18	Validity of Session Rating of Perceived Exertion Assessed via the CR100 Scale to Track Internal Load in Elite Youth Football Players. <i>International Journal of Sports Physiology and Performance</i> , <b>2019</b> , 14, 403-406	3.5	6
17	Exercise Professionals Improve Their Poor Skills in Contracting Pelvic-Floor Muscles: A Randomized Controlled Trial. <i>Research Quarterly for Exercise and Sport</i> , <b>2019</b> , 90, 641-650	1.9	5
16	Modelling the Progression of Competitive Performance of an Academy's Soccer Teams. <i>Journal of Sports Science and Medicine</i> , <b>2012</b> , 11, 533-6	2.7	5
15	The effect of attempted ballistic training on the force and speed of movements. <i>Journal of Strength and Conditioning Research</i> , <b>2003</b> , 17, 291-8	3.2	5

14	Factors Affecting Cyclists' Chances of Success in Match-Sprint Tournaments. <i>International Journal of Sports Physiology and Performance</i> , <b>2019</b> , 14, 472-477	3.5	5
13	Athlete and coach agreement: Identifying successful performance. <i>International Journal of Sports Science and Coaching</i> , <b>2017</b> , 12, 807-813	1.8	4
12	A competition-based design to assess performance of a squad of elite athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 2423-7	1.2	4
11	Kinetics, Moderators and Reference Limits of Exercise-Induced Elevation of Cardiac Troponin T in Athletes: A Systematic Review and Meta-Analysis. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 651851	4.6	4
10	Statistical perspectives: all together NOT. <i>Journal of Physiology</i> , <b>2011</b> , 589, 5327-9; author reply 5331-2	3.9	3
9	An imaginary Bayesian monster. <i>International Journal of Sports Physiology and Performance</i> , <b>2008</b> , 3, 411-25	3.5	3
8	Fitness Tests and Match Performance in a Male Ice Hockey National League. <i>International Journal of Sports Physiology and Performance</i> , <b>2021</b> , 1-8	3.5	3
7	Comment on: "Submaximal, Perceptually Regulated Exercise Testing Predicts Maximal Oxygen Uptake: A Meta-Analysis Study". <i>Sports Medicine</i> , <b>2016</b> , 46, 1195-6	10.6	2
6	Reliability of two 2,400-m time-trial protocols for assessing performance of Standardbred racehorses. <i>American Journal of Veterinary Research</i> , <b>2000</b> , 61, 1339-42	1.1	1
5	Effects Of Matched Intermittent Versus Continuous Exercises On The Changes Of Cardiac Biomarkers. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 4-4	1.2	1
4	SPORT PERFORMANCE ENHANCEMENT: DESIGN AND ANALYSIS OF RESEARCH. <i>Medicine and Science in Sports and Exercise</i> , <b>1999</b> , 31, 756-757	1.2	1
3	Convergent Validity of CR100-Based Session Ratings of Perceived Exertion in Elite Youth Football Players of Different Ages. <i>International Journal of Sports Physiology and Performance</i> , <b>2021</b> , 16, 443-447	3.5	0
2	The Effectiveness of Psychological Workshops for Coaches on Well-Being and Psychomotor Performance of Children Practicing Football and Gymnastics.. <i>Journal of Sports Science and Medicine</i> , <b>2021</b> , 20, 586-593	2.7	0
1	Positional Differences In Fitness And Anthropometric Characteristics In Australian Football. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, S82	1.2	