

Will G Hopkins

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

11,150
citations

41339

49
h-index

30081

103
g-index

129
all docs

129
docs citations

129
times ranked

10241
citing authors

#	ARTICLE	IF	CITATIONS
1	Measures of Reliability in Sports Medicine and Science. Sports Medicine, 2000, 30, 1-15.	6.5	3,361
2	Effects of Different Modes of Exercise Training on Glucose Control and Risk Factors for Complications in Type 2 Diabetic Patients. Diabetes Care, 2006, 29, 2518-2527.	8.6	640
3	Reliability of Power in Physical Performance Tests. Sports Medicine, 2001, 31, 211-234.	6.5	569
4	Effects of Low-Volume High-Intensity Interval Training (HIT) on Fitness in Adults: A Meta-Analysis of Controlled and Non-Controlled Trials. Sports Medicine, 2014, 44, 1005-1017.	6.5	270
5	Sea-Level Exercise Performance Following Adaptation to Hypoxia. Sports Medicine, 2009, 39, 107-127.	6.5	213
6	Effects of Acute Alkalosis and Acidosis on Performance. Sports Medicine, 2011, 41, 801-814.	6.5	210
7	Age of Peak Competitive Performance of Elite Athletes: A Systematic Review. Sports Medicine, 2015, 45, 1431-1441.	6.5	179
8	Tackle Injuries in Professional Rugby Union. American Journal of Sports Medicine, 2008, 36, 1705-1716.	4.2	177
9	Associations of Objectively Measured Built-Environment Attributes with Youth Moderate-to-Vigorous Physical Activity: A Systematic Review and Meta-Analysis. Sports Medicine, 2015, 45, 841-865.	6.5	172
10	Multiple Effects of Caffeine on Simulated High-Intensity Team-Sport Performance. Medicine and Science in Sports and Exercise, 2005, 37, 1998-2005.	0.4	162
11	Inter-operator reliability of live football match statistics from OPTA Sportsdata. International Journal of Performance Analysis in Sport, 2013, 13, 803-821.	1.1	161
12	The effect of recovery strategies on physical performance and cumulative fatigue in competitive basketball. Journal of Sports Sciences, 2008, 26, 1135-1145.	2.0	154
13	Positional demands of international rugby union: Evaluation of player actions and movements. Journal of Science and Medicine in Sport, 2013, 16, 353-359.	1.3	153
14	Variability and Predictability of Finals Times of Elite Rowers. Medicine and Science in Sports and Exercise, 2011, 43, 2155-2160.	0.4	146
15	Variation in performance of elite cyclists from race to race. European Journal of Sport Science, 2006, 6, 25-31.	2.7	145
16	Effects of different interval-training programs on cycling time-trial performance. Medicine and Science in Sports and Exercise, 1999, 31, 736-741.	0.4	141
17	Effects of Daily Activities on Dual-Energy X-ray Absorptiometry Measurements of Body Composition in Active People. Medicine and Science in Sports and Exercise, 2012, 44, 180-189.	0.4	136
18	Second-generation blood tests to detect erythropoietin abuse by athletes. Haematologica, 2003, 88, 333-44.	3.5	133

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19	Individual responses made easy. <i>Journal of Applied Physiology</i> , 2015, 118, 1444-1446.	2.5	129
20	Errors of measurement for blood volume parameters: a meta-analysis. <i>Journal of Applied Physiology</i> , 2005, 99, 1745-1758.	2.5	121
21	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> , 2006, 16, 117-122.	1.8	117
22	Tests of Cycling Performance. <i>Sports Medicine</i> , 2001, 31, 489-496.	6.5	116
23	Variability of Competitive Performance of Elite Athletes: A Systematic Review. <i>Sports Medicine</i> , 2014, 44, 1763-1774.	6.5	103
24	Changes in player characteristics and match activities in Bledisloe Cup rugby union from 1972 to 2004. <i>Journal of Sports Sciences</i> , 2007, 25, 895-903.	2.0	100
25	Clinical and Laboratory Evaluation of Upper Respiratory Symptoms in Elite Athletes. <i>Clinical Journal of Sport Medicine</i> , 2008, 18, 438-445.	1.8	100
26	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> , 2014, 46, 747-765.	2.3	100
27	Effects of Acute Carbohydrate Supplementation on Endurance Performance. <i>Sports Medicine</i> , 2011, 41, 773-792.	6.5	90
28	Effects of Weather on Pedometer-Determined Physical Activity in Children. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1432-1438.	0.4	88
29	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> , 2010, 28, 679-686.	2.0	88
30	Effect of Flavonoids on Upper Respiratory Tract Infections and Immune Function: A Systematic Review and Meta-Analysis. <i>Advances in Nutrition</i> , 2016, 7, 488-497.	6.4	86
31	Measures of Rowing Performance. <i>Sports Medicine</i> , 2012, 42, 343-358.	6.5	77
32	Activity Profiles and Demands of Seasonal and Tournament Basketball Competition. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 623-629.	2.3	77
33	Measures of Reliability in Sports Medicine and Science. <i>Sports Medicine</i> , 2000, 30, 375-381.	6.5	76
34	Error Rates, Decisive Outcomes and Publication Bias with Several Inferential Methods. <i>Sports Medicine</i> , 2016, 46, 1563-1573.	6.5	73
35	A new reliable laboratory test of endurance performance for road cyclists. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 1744-1750.	0.4	72
36	Effectiveness of Foot Orthoses for Treatment and Prevention of Lower Limb Injuries. <i>Sports Medicine</i> , 2008, 38, 759-779.	6.5	71

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37	Reliability of Time to Exhaustion Analyzed with Critical-Power and Log-Log Modeling. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 696-701.	0.4	70
38	Effects of Exercise Sessions on DXA Measurements of Body Composition in Active People. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 178-185.	0.4	69
39	Tests of Cycling Performance. <i>Sports Medicine</i> , 2002, 32, 953-954.	6.5	68
40	Skeletal Muscle Glycogen Content at Rest and During Endurance Exercise in Humans: A Meta-Analysis. <i>Sports Medicine</i> , 2018, 48, 2091-2102.	6.5	68
41	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> , 2005, 99, 2055-2057.	2.5	67
42	Effects of dietary antioxidants on training and performance in female runners. <i>European Journal of Sport Science</i> , 2014, 14, 160-168.	2.7	66
43	Modelling age and secular differences in fitness between basketball players. <i>Journal of Sports Sciences</i> , 2007, 25, 869-878.	2.0	62
44	Variability and progression in competitive performance of Paralympic swimmers. <i>Journal of Sports Sciences</i> , 2009, 27, 535-539.	2.0	61
45	Peak Age and Performance Progression in World-Class Track-and-Field Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 1122-1129.	2.3	60
46	Aerobic Glycolytic and Aerobic Lipolytic Power Systems. <i>Sports Medicine</i> , 1995, 19, 240-250.	6.5	56
47	Development of reference ranges in elite athletes for markers of altered erythropoiesis. <i>Haematologica</i> , 2002, 87, 1248-57.	3.5	56
48	Draft-camp predictors of subsequent career success in the Australian Football League. <i>Journal of Science and Medicine in Sport</i> , 2012, 15, 561-567.	1.3	54
49	Analysis of lap times in international swimming competitions. <i>Journal of Sports Sciences</i> , 2009, 27, 387-395.	2.0	53
50	Identification of Sensitive Measures of Recovery After External Load From Football Match Play. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 969-976.	2.3	52
51	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> , 2012, 22, 313-322.	2.1	51
52	Stability of hemoglobin mass over 100 days in active men. <i>Journal of Applied Physiology</i> , 2008, 104, 982-985.	2.5	50
53	Dose Effect of Caffeine on Testosterone and Cortisol Responses to Resistance Exercise. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2008, 18, 131-141.	2.1	49
54	Ability of test measures to predict competitive performance in elite swimmers. <i>Journal of Sports Sciences</i> , 2008, 26, 123-130.	2.0	45

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55	Does Hydrotherapy Help or Hinder Adaptation to Training in Competitive Cyclists?. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1631-1639.	0.4	43
56	Age at Peak Performance of Successful Track & Field Athletes. <i>International Journal of Sports Science and Coaching</i> , 2014, 9, 651-661.	1.4	41
57	Muscle damage, inflammation, and recovery interventions during a 3-day basketball tournament. <i>European Journal of Sport Science</i> , 2008, 8, 241-250.	2.7	40
58	Effects of modified-implement training on fast bowling in cricket. <i>Journal of Sports Sciences</i> , 2004, 22, 1035-1039.	2.0	38
59	High-Intensity Kayak Performance After Adaptation to Intermittent Hypoxia. <i>International Journal of Sports Physiology and Performance</i> , 2006, 1, 246-260.	2.3	38
60	Effects of Different Uphill Interval-Training Programs on Running Economy and Performance. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 639-647.	2.3	38
61	Effects of three training types on vitality among older adults: A self-determination theory perspective. <i>Psychology of Sport and Exercise</i> , 2012, 13, 407-417.	2.1	36
62	Performance indicators related to points scoring and winning in international rugby sevens. <i>Journal of Sports Science and Medicine</i> , 2014, 13, 358-64.	1.6	35
63	Variability and Predictability of Performance Times of Elite Cross-Country Skiers. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 5-11.	2.3	34
64	Monitoring Acute Effects on Athletic Performance with Mixed Linear Modeling. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 1339-1344.	0.4	33
65	The Association of Objectively Determined Physical Activity Behavior Among Adolescent Female Friends. <i>Research Quarterly for Exercise and Sport</i> , 2007, 78, 9-15.	1.4	32
66	Monitoring Changes in Lean Mass of Elite Male and Female Swimmers. <i>International Journal of Sports Physiology and Performance</i> , 2006, 1, 14-26.	2.3	30
67	Physiological Measures Tracking Seasonal Changes in Peak Running Speed. <i>International Journal of Sports Physiology and Performance</i> , 2010, 5, 230-238.	2.3	27
68	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> , 2018, 48, 431-446.	6.5	27
69	Peak Age and Performance Progression in World-Class Weightlifting and Powerlifting Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 1357-1363.	2.3	27
70	Variation in Performance Times of Elite Flat-Water Canoeists From Race to Race. <i>International Journal of Sports Physiology and Performance</i> , 2010, 5, 210-217.	2.3	26
71	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> , 2002, 12, 318-335.	2.1	25
72	Variability and predictability of elite competitive slalom canoe kayak performance. <i>European Journal of Sport Science</i> , 2011, 11, 125-130.	2.7	25

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73	Environmental and venue-related factors affecting the performance of elite male track athletes. <i>European Journal of Sport Science</i> , 2012, 12, 201-206.	2.7	25
74	Serial respiratory adaptations and an alternate hypothesis of respiratory control in human pregnancy. <i>Respiratory Physiology and Neurobiology</i> , 2006, 153, 39-53.	1.6	24
75	Characteristics of performance in skeleton World Cup races. <i>Journal of Sports Sciences</i> , 2009, 27, 367-372.	2.0	24
76	Power Outputs of a Machine Squat-Jump Across a Spectrum of Loads. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 1260.	2.1	24
77	Tracking Career Performance of Successful Triathletes. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1227-1234.	0.4	23
78	Running performance after adaptation to acutely intermittent hypoxia. <i>European Journal of Sport Science</i> , 2006, 6, 163-172.	2.7	22
79	Simulated rugby performance at 1550-m altitude following adaptation to intermittent normobaric hypoxia. <i>Journal of Science and Medicine in Sport</i> , 2008, 11, 593-599.	1.3	22
80	Evaluation of goal kicking performance in international rugby union matches. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 195-198.	1.3	22
81	Ultradian rhythmicity and induced changes in salivary testosterone. <i>European Journal of Applied Physiology</i> , 2010, 110, 405-413.	2.5	21
82	Training Practices of Athletes with Disabilities. <i>Adapted Physical Activity Quarterly</i> , 1996, 13, 372-381.	0.8	20
83	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> , 2011, 21, 105-112.	2.1	19
84	The effect of common hematologic abnormalities on the ability of blood models to detect erythropoietin abuse by athletes. <i>Haematologica</i> , 2003, 88, 931-40.	3.5	19
85	Seasonal progression and variability of repeat-effort line-drill performance in elite junior basketball players. <i>Journal of Sports Sciences</i> , 2008, 26, 543-550.	2.0	18
86	Associations Between the Neighborhood Environment and Moderate-to-Vigorous Walking in New Zealand Children: Findings from the URBAN Study. <i>Sports Medicine</i> , 2016, 46, 1003-1017.	6.5	18
87	Force-velocity test on a stationary cycle ergometer: methodological recommendations. <i>Journal of Applied Physiology</i> , 2018, 124, 831-839.	2.5	17
88	Adjustment of Measures of Strength and Power in Youth Male Athletes Differing in Body Mass and Maturation. <i>Pediatric Exercise Science</i> , 2014, 26, 41-48.	1.0	16
89	Effect of Dietary Antioxidants, Training, and Performance Correlates on Antioxidant Status in Competitive Rowers. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 565-572.	2.3	15
90	Using Athletes'™ World Rankings to Assess Countries'™ Performance. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 133-138.	2.3	15

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91	A 1-Year Follow-Up on Effects of Exercise Programs on Well-Being in Older Adults. <i>Journal of Aging and Physical Activity</i> , 2014, 22, 52-64.	1.0	15
92	Assessing the Variation in the Load That Produces Maximal Upper-Body Power. <i>Journal of Strength and Conditioning Research</i> , 2014, 28, 240-244.	2.1	15
93	Quiet eye predicts goaltender success in deflected ice hockey shots^{â€‹}. <i>European Journal of Sport Science</i> , 2017, 17, 93-99.	2.7	15
94	The Problems with â€œThe Problem with â€˜Magnitude-Based Inferenceâ€™â€. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 599-599.	0.4	15
95	Characterizing changes in fitness of basketball players within and between seasons. <i>International Journal of Performance Analysis in Sport</i> , 2005, 5, 107-125.	1.1	14
96	Cycling Performance Following Adaptation to Two Protocols of Acutely Intermittent Hypoxia. <i>International Journal of Sports Physiology and Performance</i> , 2009, 4, 68-83.	2.3	14
97	Performance Relationships in Timed and Mass-Start Events for Elite Omnium Cyclists. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 628-633.	2.3	13
98	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> , 2019, 14, 403-406.	2.3	13
99	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> , 2011, 21, 480-491.	2.1	12
100	Changes in running endurance performance following intermittent altitude exposure simulated with tents. <i>European Journal of Sport Science</i> , 2005, 5, 15-24.	2.7	11
101	Methods for tracking athletes' competitive performance in skeleton. <i>Journal of Sports Sciences</i> , 2009, 27, 937-940.	2.0	11
102	Distance to School is Associated with Sedentary Time in Children: Findings from the URBAN Study. <i>Frontiers in Public Health</i> , 2014, 2, 151.	2.7	11
103	The Influence of Training Phase on Error of Measurement in Jump Performance. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 235-239.	2.3	11
104	Are There Useful Physiological or Psychological Markers for Monitoring Overload Training in Elite Rowers?. <i>International Journal of Sports Physiology and Performance</i> , 2011, 6, 469-484.	2.3	10
105	Week-to-week differences of children's habitual activity and postural allocation as measured by the ActivPAL monitor. <i>Gait and Posture</i> , 2013, 38, 663-667.	1.4	9
106	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> , 2021, 12, 651851.	2.8	9
107	Exercise Professionals Improve Their Poor Skills in Contracting Pelvic-Floor Muscles: A Randomized Controlled Trial. <i>Research Quarterly for Exercise and Sport</i> , 2019, 90, 641-650.	1.4	7
108	Factors Affecting Cyclistsâ€™ Chances of Success in Match-Sprint Tournaments. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 472-477.	2.3	7

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109	Effects of Matched Intermittent and Continuous Exercise on Changes of Cardiac Biomarkers in Endurance Runners. <i>Frontiers in Physiology</i> , 2020, 11, 30.	2.8	7
110	A Competition-Based Design to Assess Performance of a Squad of Elite Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2423-2427.	0.4	6
111	Fitness Tests and Match Performance in a Male Ice Hockey National League. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 1303-1310.	2.3	6
112	The Effect of Attempted Ballistic Training on the Force and Speed of Movements. <i>Journal of Strength and Conditioning Research</i> , 2003, 17, 291.	2.1	6
113	Athlete and coach agreement: Identifying successful performance. <i>International Journal of Sports Science and Coaching</i> , 2017, 12, 807-813.	1.4	5
114	Modelling the Progression of Competitive Performance of an Academy's Soccer Teams. <i>Journal of Sports Science and Medicine</i> , 2012, 11, 533-6.	1.6	5
115	An Imaginary Bayesian Monster. <i>International Journal of Sports Physiology and Performance</i> , 2008, 3, 411-412.	2.3	4
116	Statistical perspectives: all together NOT. <i>Journal of Physiology</i> , 2011, 589, 5327-5329.	2.9	4
117	Exceptional case studies. <i>Journal of Applied Physiology</i> , 2015, 118, 1449-1449.	2.5	3
118	Comment on: "Submaximal, Perceptually Regulated Exercise Testing Predicts Maximal Oxygen Uptake: A Meta-Analysis Study". <i>Sports Medicine</i> , 2016, 46, 1195-1196.	6.5	2
119	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> , 2021, 16, 443-447.	2.3	2
120	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> , 2021, 20, 586-593.	1.6	2
121	Effects Of Matched Intermittent Versus Continuous Exercises On The Changes Of Cardiac Biomarkers. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 4-4.	0.4	2
122	Reliability of two 2,400-m time-trial protocols for assessing performance of Standardbred racehorses. <i>American Journal of Veterinary Research</i> , 2000, 61, 1339-1342.	0.6	1
123	SPORT PERFORMANCE ENHANCEMENT: DESIGN AND ANALYSIS OF RESEARCH. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 756-757.	0.4	1
124	Positional Differences In Fitness And Anthropometric Characteristics In Australian Football. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S82.	0.4	0
125	Effects of High- vs Low-Cadence Interval Training on Physiology and Performance of Competitive Cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, S490.	0.4	0
126	Acute Effect Of Lact-away Supplementation On High-intensity Kayak Performance. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 396.	0.4	0