

Kevin G Thompson

List of Publications by Year in descending order

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88
papers

3,396
citations

159585

30
h-index

155660

55
g-index

88
all docs

88
docs citations

88
times ranked

3517
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing Performance by Improving Core Stability and Core Strength. Sports Medicine, 2008, 38, 995-1008.	6.5	289
2	Warm-Up Strategies for Sport and Exercise: Mechanisms and Applications. Sports Medicine, 2015, 45, 1523-1546.	6.5	265
3	Diminutions of acceleration and deceleration output during professional football match play. Journal of Science and Medicine in Sport, 2013, 16, 556-561.	1.3	203
4	Superior Inhibitory Control and Resistance to Mental Fatigue in Professional Road Cyclists. PLoS ONE, 2016, 11, e0159907.	2.5	157
5	Mental Fatigue Impairs Endurance Performance: A Physiological Explanation. Sports Medicine, 2018, 48, 2041-2051.	6.5	141
6	The acceleration dependent validity and reliability of 10Hz GPS. Journal of Science and Medicine in Sport, 2014, 17, 562-566.	1.3	130
7	The Effects of Compression Garments on Recovery. Journal of Strength and Conditioning Research, 2009, 23, 1786-1794.	2.1	110
8	Dietary nitrate modulates cerebral blood flow parameters and cognitive performance in humans: A double-blind, placebo-controlled, crossover investigation. Physiology and Behavior, 2015, 149, 149-158.	2.1	110
9	Influence of dietary nitrate supplementation on physiological and cognitive responses to incremental cycle exercise. Respiratory Physiology and Neurobiology, 2014, 193, 11-20.	1.6	82
10	The Effects of Contrast Bathing and Compression Therapy on Muscular Performance. Medicine and Science in Sports and Exercise, 2008, 40, 1297-1306.	0.4	77
11	Consistency of perceptual and metabolic responses to a laboratory-based simulated 4,000-m cycling time trial. European Journal of Applied Physiology, 2011, 111, 1807-1813.	2.5	76
12	Mental fatigue does not affect maximal anaerobic exercise performance. European Journal of Applied Physiology, 2015, 115, 715-725.	2.5	72
13	Isolated Core Training Improves Sprint Performance in National-Level Junior Swimmers. International Journal of Sports Physiology and Performance, 2015, 10, 204-210.	2.3	66
14	New approaches to determine fatigue in elite athletes during intensified training: Resting metabolic rate and pacing profile. PLoS ONE, 2017, 12, e0173807.	2.5	65
15	Strength and Conditioning Practices in Rowing. Journal of Strength and Conditioning Research, 2011, 25, 668-682.	2.1	62
16	The effects of changing pace on metabolism and stroke characteristics during high-speed breaststroke swimming. Journal of Sports Sciences, 2004, 22, 149-157.	2.0	60
17	Peak and average rectified EMG measures: Which method of data reduction should be used for assessing core training exercises?. Journal of Electromyography and Kinesiology, 2011, 21, 102-111.	1.7	60
18	Effects of Deception on Exercise Performance. Medicine and Science in Sports and Exercise, 2012, 44, 534-541.	0.4	60

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19	Intravenous Iron Supplementation in Distance Runners with Low or Suboptimal Ferritin. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 376-385.	0.4	58
20	The effects of intensified training on resting metabolic rate (RMR), body composition and performance in trained cyclists. <i>PLoS ONE</i> , 2018, 13, e0191644.	2.5	57
21	Reproducibility of pacing strategy during simulated 20-km cycling time trials in well-trained cyclists. <i>European Journal of Applied Physiology</i> , 2012, 112, 223-229.	2.5	54
22	Periodization and Physical Performance in Elite Female Soccer Players. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 664-669.	2.3	54
23	The effects of elevated pain inhibition on endurance exercise performance. <i>PeerJ</i> , 2017, 5, e3028.	2.0	53
24	Increased conditioned pain modulation in athletes. <i>Journal of Sports Sciences</i> , 2017, 35, 1066-1072.	2.0	52
25	The acceleration and deceleration profiles of elite female soccer players during competitive matches. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 867-872.	1.3	51
26	No Improvement of Repeated-Sprint Performance With Dietary Nitrate. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 845-850.	2.3	44
27	Increased Variability of Lap Speeds: Differentiating Medalists and Nonmedalists in Middle-Distance Running and Swimming Events. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 369-373.	2.3	38
28	Crawling to the Finish Line: Why do Endurance Runners Collapse?. <i>Sports Medicine</i> , 2013, 43, 413-424.	6.5	37
29	Quantifying the High-Speed Running and Sprinting Profiles of Elite Female Soccer Players During Competitive Matches Using an Optical Player Tracking System. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 1500-1508.	2.1	32
30	Trekking Poles Reduce Exercise-Induced Muscle Injury during Mountain Walking. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 140-145.	0.4	31
31	Physical and Physiological Characteristics of Various-Sided Games in Elite Women's Soccer. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 953-958.	2.3	31
32	Four Weeks of Classical Altitude Training Increases Resting Metabolic Rate in Highly Trained Middle-Distance Runners. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2017, 27, 83-90.	2.1	31
33	Does a bout of strength training affect 2,000-m rowing ergometer performance and rowing-specific maximal power 24 h later?. <i>European Journal of Applied Physiology</i> , 2011, 111, 2653-2662.	2.5	30
34	The Effect of a Second Runner on Pacing Strategy and RPE During a Running Time Trial. <i>International Journal of Sports Physiology and Performance</i> , 2012, 7, 26-32.	2.3	28
35	The effect of self- even- and variable-pacing strategies on the physiological and perceptual response to cycling. <i>European Journal of Applied Physiology</i> , 2012, 112, 3069-3078.	2.5	27
36	Effect of Environmental and Feedback Interventions on Pacing Profiles in Cycling: A Meta-Analysis. <i>Frontiers in Physiology</i> , 2016, 7, 591.	2.8	27

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37	Observer Effects on the Rating of Perceived Exertion and Affect during Exercise in Recreationally Active Males. <i>Perceptual and Motor Skills</i> , 2012, 115, 213-227.	1.3	26
38	Four Weeks of IV Iron Supplementation Reduces Perceived Fatigue and Mood Disturbance in Distance Runners. <i>PLoS ONE</i> , 2014, 9, e108042.	2.5	26
39	Heated jackets and dryland-based activation exercises used as additional warm-ups during transition enhance sprint swimming performance. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 354-358.	1.3	24
40	Stage racing at altitude induces hemodilution despite an increase in hemoglobin mass. <i>Journal of Applied Physiology</i> , 2014, 117, 463-472.	2.5	23
41	Elite sprint swimming performance is enhanced by completion of additional warm-up activities. <i>Journal of Sports Sciences</i> , 2017, 35, 1493-1499.	2.0	23
42	“Priming” exercise and O ₂ uptake kinetics during treadmill running. <i>Respiratory Physiology and Neurobiology</i> , 2008, 161, 182-188.	1.6	22
43	Accuracy of pacing during breaststroke swimming using a novel pacing device, the Aquapacer. <i>Journal of Sports Sciences</i> , 2002, 20, 537-546.	2.0	21
44	Current Warm-Up Practices and Contemporary Issues Faced by Elite Swimming Coaches. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 3471-3480.	2.1	21
45	Live high, train low “ influence on resting and post-exercise hepcidin levels. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 704-713.	2.9	21
46	Independent Influence of Spinal Cord Injury Level on Thermoregulation during Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1710-1719.	0.4	20
47	Diurnal Variation in Swim Performance Remains, Irrespective of Training Once or Twice Daily. <i>International Journal of Sports Physiology and Performance</i> , 2007, 2, 192-200.	2.3	18
48	The reliability of the IL-6, sIL-6R and sgp130 response to a preloaded time trial. <i>European Journal of Applied Physiology</i> , 2010, 110, 619-625.	2.5	18
49	Assessing the Energy Expenditure of Elite Female Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 2780-2786.	2.1	18
50	Inner Dialogue and its Relationship to Perceived Exertion during Different Running Intensities. <i>Perceptual and Motor Skills</i> , 2013, 117, 11-30.	1.3	17
51	Morning Exercise: Enhancement of Afternoon Sprint-Swimming Performance. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 605-611.	2.3	17
52	The effect of an even-pacing strategy on exercise tolerance in well-trained cyclists. <i>European Journal of Applied Physiology</i> , 2013, 113, 3001-3010.	2.5	16
53	Are Individuals Who Engage in More Frequent Self-Regulation Less Susceptible to Mental Fatigue?. <i>Journal of Sport and Exercise Psychology</i> , 2019, 41, 289-297.	1.2	16
54	Difference in Pacing Between Time- and Distance-Based Time Trials in Trained Cyclists. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 1018-1023.	2.3	15

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55	Consistency of Pacing and Metabolic Responses During 2000-m Rowing Ergometry. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 70-76.	2.3	14
56	Breaking the Myth That Relay Swimming Is Faster Than Individual Swimming. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 410-413.	2.3	14
57	Impact of Altitude on Power Output during Cycling Stage Racing. <i>PLoS ONE</i> , 2015, 10, e0143028.	2.5	13
58	The Ventilation-Corrected ParvoMedics TrueOne 2400 Provides a Valid and Reliable Assessment of Resting Metabolic Rate (RMR) in Athletes Compared With the Douglas Bag Method. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2016, 26, 454-463.	2.1	12
59	12 days of altitude exposure at 1800 m does not increase resting metabolic rate in elite rowers. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 672-676.	1.9	12
60	Normobaric Hypoxia Reduces $\dot{V}\dot{E}^{\text{TM}}\text{O}_2$ at Different Intensities in Highly Trained Runners. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 174-182.	0.4	12
61	Facial feature tracking: a psychophysiological measure to assess exercise intensity?. <i>Journal of Sports Sciences</i> , 2018, 36, 934-941.	2.0	11
62	Improved Performance in National-Level Runners With Increased Training Load at 1600 and 1800m. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 286-295.	2.3	11
63	Characterizing the plasma metabolome during 14 days of live-high, train-low simulated altitude: A metabolomic approach. <i>Experimental Physiology</i> , 2019, 104, 81-92.	2.0	11
64	Reliability and Stability of Performances in 400-m Swimming and 1500-m Running. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 674-679.	2.3	10
65	False-performance feedback does not affect punching forces and pacing of elite boxers. <i>Journal of Sports Sciences</i> , 2019, 37, 59-66.	2.0	10
66	Exploring the performance reserve: Effect of different magnitudes of power output deception on 4,000 m cycling time-trial performance. <i>PLoS ONE</i> , 2017, 12, e0173120.	2.5	10
67	Recovery of Rowing Sprint Performance after High Intensity Strength Training. <i>International Journal of Sports Science and Coaching</i> , 2012, 7, 109-120.	1.4	9
68	Investigating the Effects of Typical Rowing Strength Training Practices on Strength and Power Development and 2,000 m Rowing Performance. <i>Journal of Human Kinetics</i> , 2016, 50, 167-177.	1.5	9
69	Validity and Reliability of a 1500-m Lap-Time Collection Method Using Public Videos. <i>International Journal of Sports Physiology and Performance</i> , 2013, 8, 692-694.	2.3	8
70	Training Quantification and Periodization during Live High Train High at 2100 M in Elite Runners: An Observational Cohort Case Study. <i>Journal of Sports Science and Medicine</i> , 2018, 17, 607-616.	1.6	8
71	Pacing and Performance in Swimming: Differences Between Individual and Relay Events. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1059-1066.	2.3	7
72	Physiological Correlates of Multiple-Sprint Ability and Performance in International-Standard Squash Players. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 540-547.	2.1	6

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73	Evaluating Warm-Up Strategies for Elite Sprint Breaststroke Swimming Performance. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 975-978.	2.3	6
74	A Monetary Reward Alters Pacing but Not Performance in Competitive Cyclists. <i>Frontiers in Physiology</i> , 2017, 8, 741.	2.8	5
75	Being an Elite Sports Scientist: A Balancing Act?. <i>International Journal of Sports Physiology and Performance</i> , 2010, 5, 1-2.	2.3	4
76	The Effect of Self-Paced and Prescribed Interset Rest Strategies on Performance in Strength Training. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 980-986.	2.3	3
77	Razorback Sucker Spawning in an Intermittent Colorado Tributary. <i>North American Journal of Fisheries Management</i> , 2021, 41, 1151-1158.	1.0	3
78	Where Does the Sport Physiologist Fit In?. <i>International Journal of Sports Physiology and Performance</i> , 2010, 5, 429-430.	2.3	2
79	Extended post-exercise hyperthermia in athletes with a spinal cord injury. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 831-836.	1.3	2
80	Response. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2426-2426.	0.4	1
81	Species Composition and Hybridization among Native and Nonnative Catostomid Fishes in Two Streams of the Gunnison River Basin, Colorado. <i>Western North American Naturalist</i> , 2020, 80, 81.	0.4	1
82	Interpretation of the Physiological Monitoring of an International Swimmer. <i>International Journal of Sports Science and Coaching</i> , 2006, 1, 117-124.	1.4	0
83	The Effect Of Incremental Exercise On Prefrontal Cortex Asymmetry. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 88.	0.4	0
84	Asymmetry of Cerebral Hemodynamic Response to Incremental Cycling Exercise. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 273-275.	2.3	0
85	Commentary: Improvements in Cycling Time Trial Performance Are Not Sustained Following the Acute Provision of Challenging and Deceptive Feedback. <i>Frontiers in Physiology</i> , 2017, 8, 31.	2.8	0
86	Effect of Intensified Endurance Training on Pacing and Performance in 4000-m Cycling Time Trials. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 735-741.	2.3	0
87	The Potential to Change Pacing and Performance During 4000-m Cycling Time Trials Using Hyperoxia and Inspired Gas-Content Deception. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 949-957.	2.3	0
88	Thermoregulation During Exercise and Passive Recovery in Athletes with a Spinal Cord Injury. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 19.	0.4	0